

**WATER QUALITY DATA FOR ONTARIO
LAKES AND STREAMS
1976
VOLUME XI**

Water Resources Branch
Ontario Ministry of the Environment

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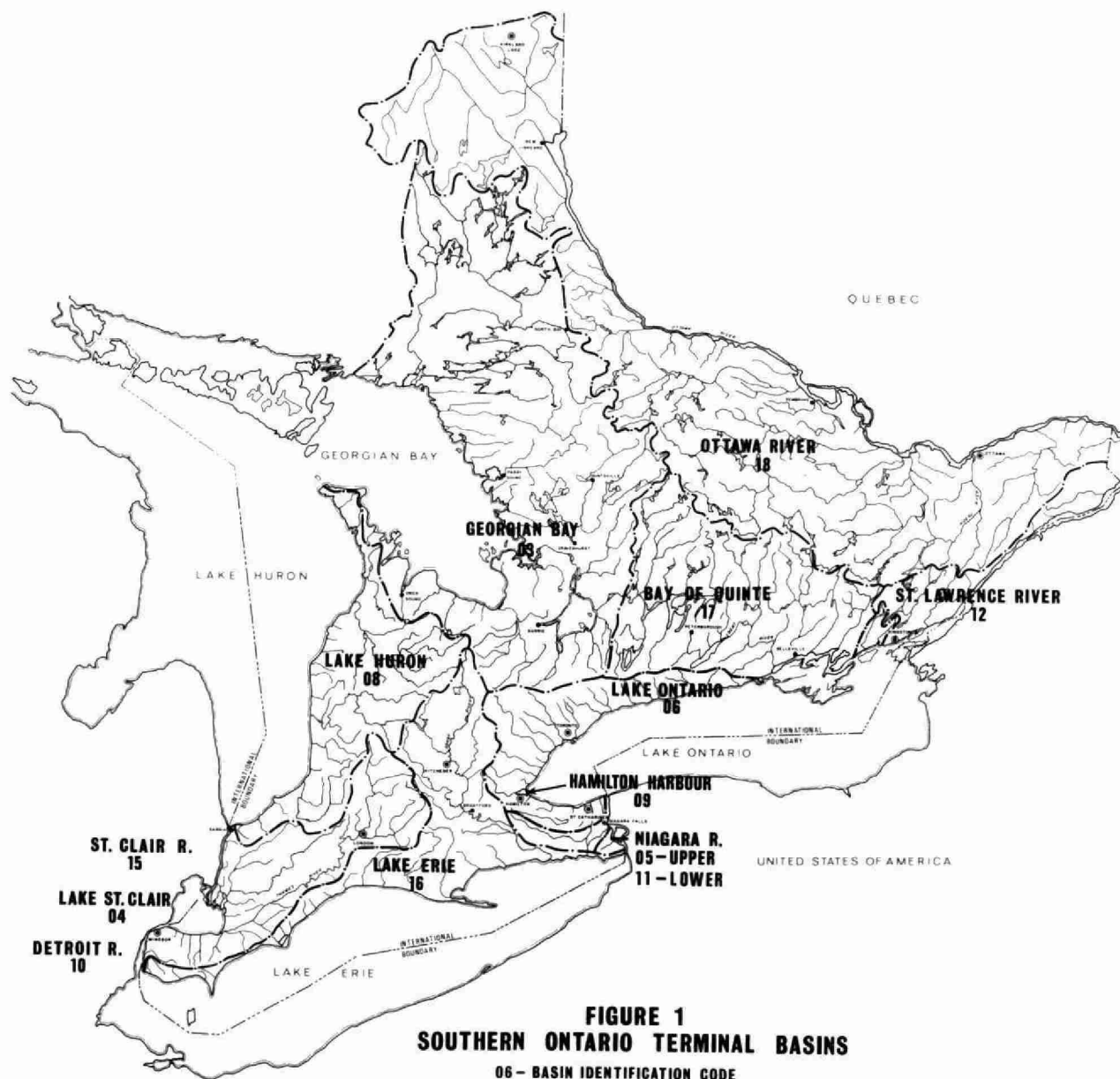
All data in this publication have undergone rigorous checks for errors. However, some data may still be in question, in which case please contact the Networks Unit, Water Resources Branch, Toronto (965-6995).

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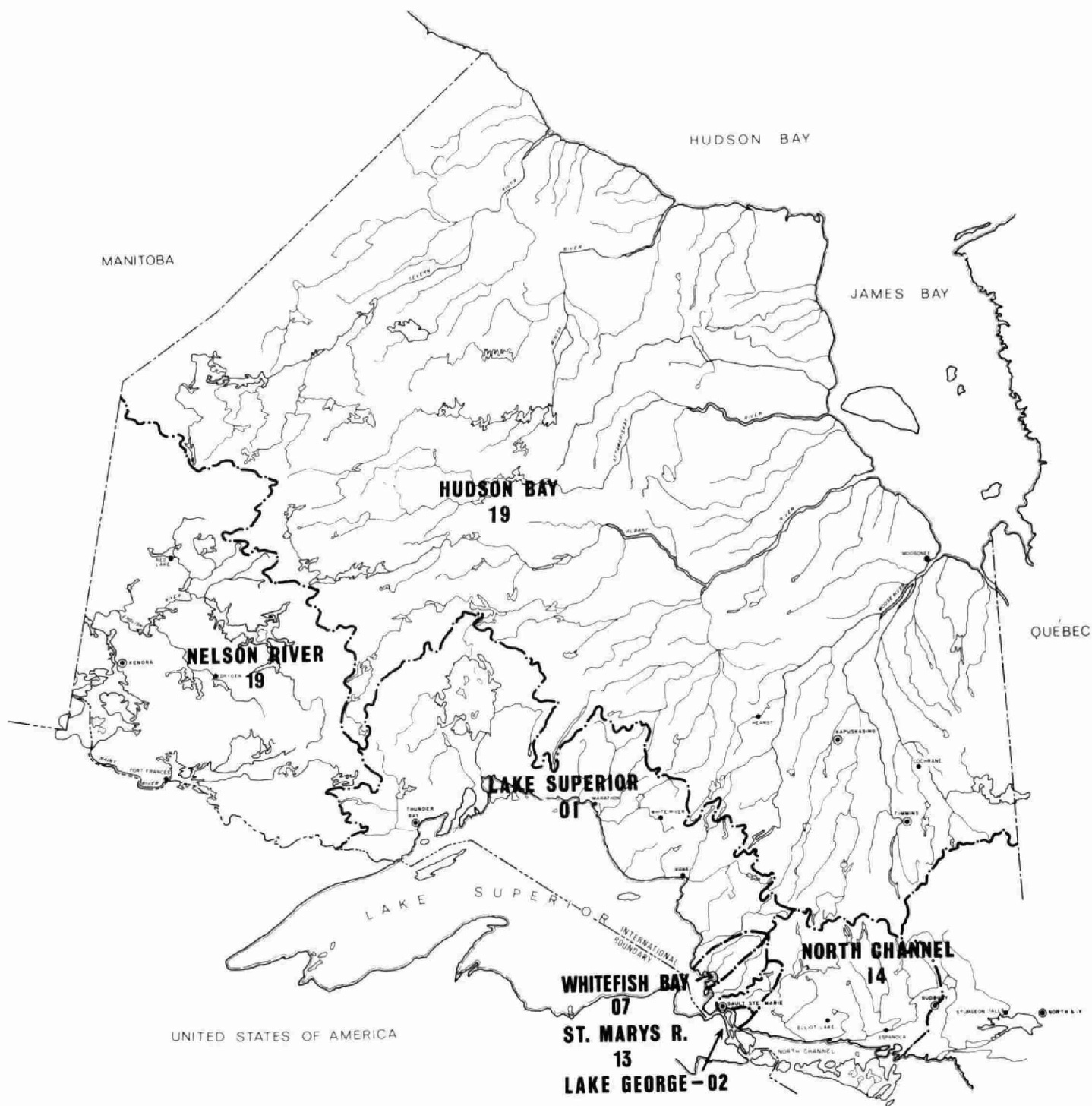
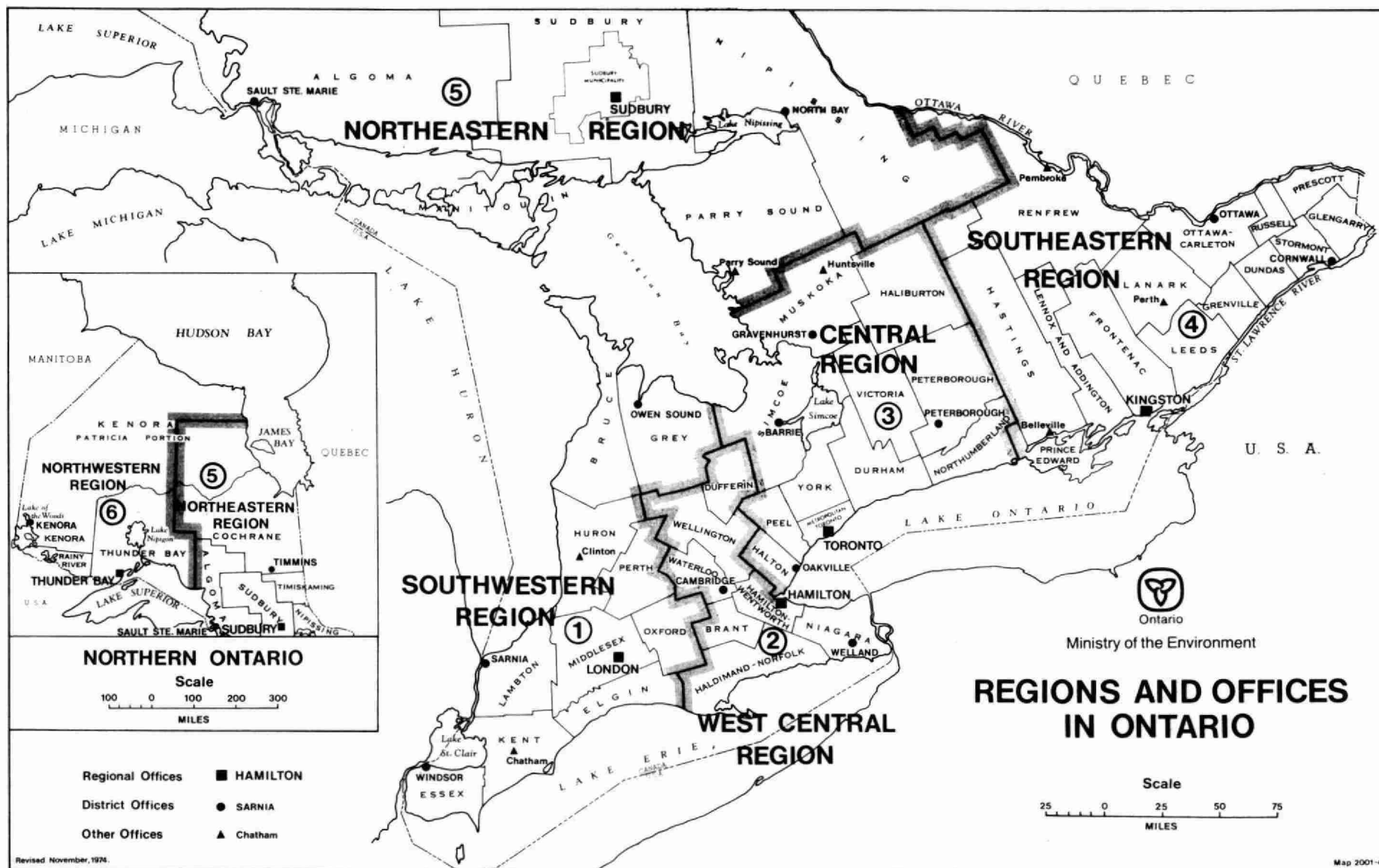


FIGURE 2
NORTHERN ONTARIO TERMINAL BASINS
 19 - BASIN IDENTIFICATION CODE



INTRODUCTION

Water Quality Data for Ontario Lakes and Streams Volume XI 1976 is one of an ongoing series published by the Water Resources Branch of the Ontario Ministry of the Environment. The data presented in this publication were collected by the Water Resources Assessment Units of this Ministry's six Regional Offices with the assistance of numerous local Conservation Authorities. Compilation and publication were performed by the Hydrology and Monitoring Section of the Water Resources Branch. The data results from a routine sampling program designed to provide a long-term record of water quality information at specific points on rivers and inland lakes in Ontario.

Sampling station locations have been selected to meet one or more of the following requirements: (1) to measure quantitatively and qualitatively, the materials discharged from tributary streams to the terminal basins; (2) to monitor the effects of wastewater discharges on a watercourse; (3) to provide data that can be considered generally representative of water quality conditions in a certain area.

The information is used by the Ontario Ministry of the Environment to maintain surveillance over water quality and to provide supporting data used in the analysis and prediction of water quality for planning and other purposes. The data are also made available to any person or agency concerned with the quality of Ontario rivers and lakes.

Samples were analysed for some or all of the following parameters: counts of total and fecal coliforms, enterococci and *Pseudomonas aeruginosa*; biochemical oxygen demand; concentrations of total phosphorus, filtered reactive phosphate; filtered ammonia, total Kjeldahl nitrogen, filtered nitrite and nitrate forms of nitrogen; total, suspended and dissolved solids; conductivity; turbidity levels; concentrations of chlorides, sulphates, unfiltered reactive silicates, acidity, alkalinity; pH units; total iron; concentrations of phenols, hardness, calcium, magnesium; colour units; potassium, sodium, total organic carbon, chemical oxygen demand, solvent extractables, arsenic, mercury, aluminium, chromium, copper, lead, cadmium, zinc, manganese, nickel, fluoride, cyanide and cobalt.

The water quality monitoring program commenced in July 1964 with 210 stations instituted in Southern Ontario. In 1976, a total of 805 stations were sampled throughout Ontario.

Following are maps showing the Southern and Northern Ontario Terminal Basins. Definitions or brief descriptions are provided for the more common parameters of pollution.

INTERPRETATION OF DATA

On the following pages the parameters measured in the Inland Water Quality Monitoring Program are defined. The significance of each measurement in regard to specific water uses can be determined by referring to the booklet "Guidelines and Criteria for Water Quality Management in Ontario" published by this Ministry.

A. ANALYSES AND MEASUREMENTS CONDUCTED AT THE SAMPLING SITE

Stream Condition

The physical condition of the body of water is described from an on-site examination at the time of sampling and is represented by a one-digit number from one to zero as follows:

1. Stream dry
2. Frozen to stream bed
3. Stream in flood condition
4. Sampled through ice
5. Suspended algae
6. No apparent algae
7. Profuse weed growth
8. Normal weed growth
9. Oil scum or floating matter
0. Objectionable odours

Under some circumstances a combination of up to three of the above conditions may be shown for a given sample at an individual station.

Streamflow

Streamflow information at or near a water quality monitoring site is an important factor when interpreting and employing water quality data. The product of streamflow and concentration defines the mass of material passing a point and streamflow is also a useful reference when comparing quality data for different periods of the year (e.g. spring flood vs summer drought).

Flows in many of the streams sampled are measured by the Canada Department of Fisheries and Environment - Water Survey of Canada. In a number of other instances, they are obtained by Ontario Ministry of the Environment personnel.

Temperature

Water temperature is an important factor when a number of water quality parameters are being evaluated. Temperature directly affects the solubility of gases (e.g. dissolved oxygen) and significantly affects biological and chemical reaction rates.

Temperature is measured at the sampling site with an electronic thermistor or a mercury thermometer.

Dissolved Oxygen

Dissolved oxygen in water originates directly from the atmosphere or through photosynthesis in aquatic plants. Ample dissolved oxygen is necessary to maintain satisfactory conditions for fish and other biological life in water. Organic wastes and some inorganic materials exert, upon decomposition, an oxygen demand which may deplete the dissolved oxygen below levels required by aquatic life. Dissolved oxygen is measured at the sampling site with an electronic meter or by a chemical titration.

B. BACTERIOLOGICAL EXAMINATION

Total Coliform, Fecal Coliform, Enterococcus Organisms and Pseudomonas aeruginosa

The Membrane Filter (MF) technique is used to obtain an approximation of the concentration of total coliform organisms. These organisms are normal inhabitants of soils and the intestines of man and other warm-blooded animals. They are always present in large numbers in sewage and are often found in watercourses adjacent to industrial, agricultural and other pollution sources.

Fecal coliform and Enterococcus organisms are generally found in the alimentary tract of warm-blooded animals. They are directly indicative of sanitary waste intrusion and/or fecal contamination from warm-blooded animals. The bacterium, *Pseudomonas aeruginosa*, is primarily a component of the bacterial flora in the intestine of man. It is indicative of pollution of human origin since it only rarely might be isolated from animals or animal waste. This organism has been implicated in cases of eye, ear, nose and throat infection.

Bacteriological results are reported as MF count per 100 ml of sample.

C. CHEMICAL AND PHYSICAL ANALYSES

Biochemical Oxygen Demand (BOD)

In itself, BOD is not a pollutant and presents no direct harm to the aquatic environment. It is, however, a measure of the unstable organic matter present in water which, through aerobic decomposition, oxidizes to a stable inorganic form utilizing the oxygen resources of a watercourse. The level of BOD is an important parameter in assessing the potential effects of pollutants on the concentration of dissolved oxygen in water.

Five-day biochemical oxygen demand (BOD₅) is a laboratory measurement of the amount of oxygen consumed in a sample incubated for five days at 20°C.

Phosphorus

This element is commonly found in nature in the form of phosphates. Untreated or treated sewage, some industrial wastes and agricultural drainage contain significant concentrations of phosphates. The laboratory routinely provides two phosphorus determinations: "total phosphorus" and "filtered reactive phosphate". "Total phosphorus" includes orthophosphate, condensed phosphate and organically bound phosphate in both the soluble and particulate form. "Filtered reactive phosphate" is that phosphorus which passes through a 1-2 micrometre filter and responds to a colorimetric orthophosphate determination. It is a combination of simple orthophosphate and readily hydrolyzed phosphate primarily in the soluble form. This parameter was referred to in earlier publications as "Soluble Phosphorus".

Phosphorus is a primary nutrient for plant and animal life and like nitrogen passes through cycles of decomposition and photosynthesis. Although there is no firm criterion for phosphorus, it is generally considered that to prevent biological nuisances, total phosphorus should not exceed 0.06 mg/l in a flowing stream or 0.025 mg/l where waters enter a lake or standing body of water.

Nitrogen

Filtered Ammonia

Filtered ammonia is the soluble product in the decomposition of nitrogenous organic matter. It is also formed when nitrites and nitrates are reduced either biologically or chemically. Small amounts of ammonia, too, may be taken out of the atmosphere by rain water. Rivers which are considered unpolluted generally have filtered ammonia levels of less than 0.1 mg/l.

Total Kjeldahl

Total Kjeldahl is a measure of the total nitrogenous matter present, excluding nitrate and nitrite. The total Kjeldahl less the ammonia nitrogen gives a measure of the organic nitrogen present. Ammonia and organic nitrogen are important in assessing the availability of nitrogen for biochemical utilization. In unpolluted rivers, the normal range for total Kjeldahl is 0.1 to 0.5 mg/l.

Filtered Nitrite

Nitrite is usually an intermediate oxidation product of ammonia. The significance of nitrites, therefore, varies with their amount, source and relation to other constituents of samples (notably the relative magnitude of ammonia and nitrate present). Since nitrite is rapidly and easily converted to nitrate, its presence in concentrations greater than a few micrograms per litre is generally indicative of active biological processes in the water.

Filtered Nitrate

Nitrate, the end product of the stabilization of organic nitrogen primarily through aerobic biochemical processes, occurs in polluted waters that have undergone some degree of self-purification. Nitrates can also occur in watercourses intercepting drainage from fertilized agricultural areas. Nitrogen is a primary nutrient and in combination with the photosynthetic process, nitrogen in the form of nitrate is readily utilized by aquatic plants and algae. In unpolluted rivers, the nitrate nitrogen concentration is generally less than 0.5 mg/l.

Solids

The solids analyses are gross measurements of the amounts of particulate matter and dissolved materials found in water. Solids enter the watercourse from virtually every source, the most familiar being sewage treatment plant effluents, municipal storm drainage, industrial discharges and erosion.

Solids significantly affect water uses. Highly turbid water is undesirable for municipal and industrial supply, fish and aquatic life, recreation and aesthetics.

High levels of dissolved solids may make water unsuitable for municipal and industrial supplies, livestock watering and irrigation.

In this report values for total, suspended and dissolved solids are presented.

Conductivity

The conductivity test provides a measure of the electrolytic properties of water. The presence of dissolved ions (in solution) such as chlorides, sulphates and calcium, renders water conductive. In many waters there is a direct linear relationship between dissolved solids concentrations and conductivity. Conductivity serves as a control parameter and is an excellent indicator of water quality changes since it is relatively sensitive to variations in dissolved solids concentrations. Conductance, the reciprocal of resistance, is recorded in the unit mho and in order to avoid inconvenient decimals, data are reported in micromhos per cubic centimeter.

Turbidity

The turbidity of water is attributable to suspended and colloidal matter such as micro-organisms, detritus, clay and other mineral substances which reduce clarity and diminish the penetration of light. Turbidity is undesirable in surface waters used for domestic and industrial supply and for recreation. By interfering with the penetration of light, turbidity can seriously affect aquatic biological communities.

Chlorides

Chlorides are found in practically all natural waters. They may be of natural mineral origin but in general the largest contributions can be traced to domestic sewage discharges, municipal storm drainage and industrial wastes.

While not harmful to health in moderate quantities, high concentrations of chlorides make water unfit for municipal and industrial supplies and livestock watering. In addition, high chloride levels are responsible for increased corrosiveness in water and being toxic to many plants, may render water undesirable for irrigation.

Sulphate

Sulphates may occur naturally in waters and may be contained in industrial wastes. They are produced from the final oxidation stage of sulphides, sulphites and thiosulphates. Sulphates, under anaerobic conditions, can be reduced to hydrogen sulphide which is malodorous (the odour of rotten eggs) and highly corrosive.

Unfiltered Reactive Silicate

Silicon occurs in sand or quartz as silica and as silicates in feldspar, kaolinite and other minerals. Silicon dioxide, or silica, is insoluble in waters or acids, except hydrofluoric, but it may occur in natural waters as finely divided or colloidal suspended matter. Silica is widely employed in industry for making glass, silicates, ceramics, abrasives, enamels, petroleum products, etc.

In concentrations found in natural or treated waters, silica or silicates have no adverse physiological effects. Silicates are essential to the growth of many aquatic organisms. The data which appear under the heading "Reactive Silicate" should properly be referred to as "Unfiltered Reactive Silicate" and are reported as Si. Data in previous publications were reported as SiO_2 .

Acidity

Acidity in surface or ground waters may be attributable to natural causes, such as humic acids extracted from swamps or peat beds, or industrial wastes such as pickling liquors, effluent from the manufacture of explosives, acid mine drainage or sulfite waste liquors. It may also be affected by atmospheric inputs.

Alkalinity

The alkalinity of natural waters is caused by three major classes of materials which may be ranked in order of their effect on pH as follows:

1. Hydroxides (rarely present in Ontario)
2. Carbonates
3. Bicarbonates and other salts of weak acids

The alkalinity of water has little sanitary significance but is of importance in water and waste treatment practices.

pH

The symbol pH is used to designate the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration. It is an index of the acidity or alkalinity of the solution. The practical pH range extends from 0, very acidic, to 14, very alkaline, with the middle value of pH 7 corresponding to exact neutrality at 25°C.

Iron

Iron is the second most abundant metallic element in the earth's crust. As well as hardness, iron in water may result in the growth of iron bacteria causing unpalatable tastes, discolouration of clothes and plumbing fixtures and the formation of scales in water mains. When sufficient iron is added to water in the form of salts (chlorides, nitrates, sulphates) ferrous to ferric precipitates (iron hydroxides) tend to form, causing low pH values which are toxic to aquatic life.

Phenols

The phenolic compounds, collectively referred to as phenols, are those hydroxyl derivatives of benzene or its condensed nuclei, which are determined by the 4-amino antipyrine method. The results are reported in micrograms per litre. Phenols are present in waste flows from many industrial processes. Depending on the

concentration, the presence of these materials may be toxic to fish, or may taint the flesh of fish. Phenols in very minute concentrations will combine with chlorine to produce tastes and odours which are usually described as medicinal or chemical.

Hardness

Hardness in water is caused by dissolved divalent metal ions, calcium and magnesium being the most common. Natural hardness occurs most frequently in limestone areas. The limestone is dissolved by contact with ground and surface water and releases calcium ions and traces of contaminant metals.

Hard water, though not considered a health hazard, is undesirable for industrial and domestic water supplies because it has a number of detrimental effects, the most common being the formation of scale in boilers, pipes and water heaters and excessive soap consumption in home and commercial laundering.

Results appear under either the heading "Hardness" or "Calculated Hardness" depending on the analytical procedure. The former results are obtained through titration with EDTA, the latter by calculation from Mg and Ca results determined by AAS.

Calcium

Calcium salts and calcium ions are among the most commonly encountered substances in water. They may result from the leaching of soil and other natural sources or they may be contained in sewage and many types of industrial wastes. Excessive calcium and magnesium in drinking water have been implicated as factors predisposing to the formation of concretions in the body, such as kidney, or bladder stones. On the other hand, there is also evidence of adverse physiological effects from an insufficiency of calcium in water.

The calcium ion is a major contributor to hardness and is often responsible for boiler scale, deposits on cooking utensils and excessive soap requirements in washing and laundering. Where water is used for irrigation, calcium is beneficial to plant growth.

Magnesium

Magnesium ranks with calcium as a major cause of hardness. The effects of magnesium in water used for consumption and irrigation are generally the same as those of calcium. Magnesium is considered relatively non-toxic to man and not a public health hazard because, before toxic concentrations are reached in water, the taste becomes quite unpleasant.

Colour

Colour in water may be of natural mineral or vegetable origin, caused by metallic substances such as iron and manganese compounds, humus material, peat, tannins, algae, weeds and protozoa. Waters may also be coloured by inorganic or organic soluble wastes from industries, such as steelworks, mining, refining, pulp and paper, chemicals and others. Returned irrigation water also contributes to colour.

Colour from natural origin is not considered harmful from a health standpoint. However, in domestic water, colour is undesirable from aesthetic considerations.

Potassium

Potassium constitutes 2.4 percent of the crust of the earth and occurs in many minerals. Potassium salts exist in natural waters as a result of contact with potassium-bearing soils and the introduction of certain industrial wastes. The common salts of potassium are highly soluble in water. They resist separation from water by natural processes other than evaporation.

Although in limited concentrations potassium is an essential nutrient, excessive amounts of certain potassium salts in drinking water have detrimental effects on human digestive and nervous systems.

Sodium

Sodium salts are common to all natural waters and may be present in high concentrations in wash waters softened by exchanging calcium and magnesium ions for sodium. Sodium is also found in many industrial process effluents and domestic wastes. The presence of sodium salts in drinking water may present a health hazard to persons with circulatory diseases and may cause digestive problems in animals and otherwise healthy human beings. Concentration of salts such as sodium chloride impart objectionable tastes and may render water unpalatable.

Total Organic Carbon

Carbon is a common element present in many municipal and industrial waste discharges and natural sources. It is also present in aquatic plant and animal life.

The carbon tests measure directly the total and inorganic carbon content of a water sample. Total organic carbon (TOC), the most significant carbon measurement from a water quality assessment viewpoint, is the arithmetic difference between total carbon (TC) and total inorganic carbon (TIC).

Total organic carbon has a direct relationship with BOD and COD values, but the relationship varies with the composition of the organic material present. The test is rapid and suitable for the evaluation of organic pollution levels, assessment of waste treatment efficiencies and to a limited extent, the potential demand of a waste discharge on the oxygen resources of a water body.

Chemical Oxygen Demand (COD)

The chemical oxygen demand is used in measuring the strength of sewage and industrial wastes. The major advantage of this test is that laboratory results can be obtained in about three hours compared to five days for the five-day biochemical oxygen demand test. The chief limitation of the COD analysis is its inability to differentiate between biologically oxidizable and biologically inert organic matter. The COD almost always exceeds the biochemical oxygen demand.

Solvent Extractables

The solvent extractable test measures the total quantity of substances present in a water sample that is readily soluble in an appropriate organic solvent. Such substances include fatty acids, petroleum products, oils, and greases, resins, etc. They are generally found in effluents of oil refineries, meat packing plants, slaughter houses, dairies, canneries, and a variety of other industries.

Solvent soluble materials greatly increase the oxygen depletion rate in receiving waters and will hinder oxygen exchange with the atmosphere by forming slicks.

Arsenic

Arsenic is very toxic to humans as indicated by the lethal dose of 187 mg. The element may occur to a small extent naturally, mostly as pyrites and as arsenides of metals. Elemental arsenic is insoluble in water but many of the arsenates are highly soluble. Highest levels of arsenic in Ontario are found in watercourses downstream from wastewater discharges from metal smelting operations.

Mercury

Mercury may occur naturally as a free metal or as mercuric salts, the most common being cinnabar, HgS . Both elemental mercury and HgS are insoluble in water and are not likely to occur as water pollutants. Many synthetic organic salts of mercury are used commercially and these salts are highly soluble in water.

Mercury is concentrated and transferred up the food chain to a point where commercial and game fish may become unsuitable for human consumption.

Aluminium

Aluminium occurs in many rocks and ores but never as a pure metal in nature. In streams, the presence of aluminium ions may result from industrial wastes or more likely from wash water from water treatment plants.

Aluminium in a public water supply is not considered a public health problem, since no evidence has been found to prove that aluminium in water supplies is harmful to human beings.

Chromium

Chromate or dichromate salts are used extensively in metal pickling and plating operations, in anodizing aluminum, in the leather industry as a tanning agent, and in the manufacture of paints, dyes, explosives, ceramics, paper and many other substances. Chromic or chromite salts on the other hand, are used much less extensively being employed as mordants in textile dyeing, in the ceramic and glass industry and in photography. Chromium compounds may be present in wastes from many of the foregoing industries or they may be discharged in chromium-treated cooling waters. There is no evidence that chromium salts are essential or beneficial to human nutrition. Salts of trivalent chromium are not considered to be physiologically harmful; however, large doses of chromates lead to corrosive effects in the intestinal tract and to nephritis.

Copper

Copper compounds are toxic to aquatic life. Copper salts occur in natural surface water in trace concentrations up to approximately 0.5 mg/l and may occur in industrial waste discharges. Copper is used as an algicide for the control of undesirable algae growth.

Lead

Some natural waters contain lead in solution. Lead may be introduced into water as a constituent of various wastes including industrial and mining effluents, lead plumbing and automobile exhaust.

Certain lead salts, such as acetate and chloride, are readily soluble, but owing to the fact that the carbonate and hydroxide are insoluble and that sulphate is only sparingly soluble, lead will not remain long in natural waters.

Lead is a cumulative poison that tends to be deposited in the bone. The intake that can be regarded as safe cannot be stated definitely because the sensitivity of individuals to lead differs considerably.

Studies on fish indicate that in water containing lead salts a film of coagulated mucus forms over the gills and then the entire body, probably as a result of a reaction between lead and an organic constituent of mucus. The fish then die of suffocation.

Cadmium

In the elemental form cadmium is insoluble in water. It occurs in nature largely as a sulfide salt, greenockite or as a cadmium blend and often as an impurity in zinc-lead ores.

Cadmium salts are highly toxic having been implicated in some cases of food poisoning. Consumption of cadmium salts causes cramps, nausea, vomiting, and diarrhea.

Zinc

Generally, zinc occurs only in trace amounts in surface waters. The zinc ion is believed to adsorb strongly and permanently on particulate matter (e.g. silt) which settles out of suspension. Zinc has no known adverse physiological effects upon man except at very high concentrations. At such concentrations, zinc gives water a milky appearance and causes a greasy film on boiling, thus making it unattractive for domestic water supply.

Manganese

Manganese is similar to iron in that it is found in many industrial wastes and occurs in soils as manganic and manganous compounds. Under anaerobic conditions the manganic ion is reduced to soluble nitrate, sulfate, and chloride salts of manganese and is leached, along with iron, into ground and surface waters. Its presence like iron, may indicate domestic or industrial pollution. Water with high manganese content is undesirable for its taste, colour, and tendency to form deposits on cooking utensils.

Nickel

Nickel and its salts have generally proven to be non-toxic to man even at very high levels. Levels of 0.1 mg/l have been reported to adversely affect plant life. Nickel in ores and minerals is insoluble but as a salt (nickel ammonium sulphate, nickel nitrate, nickel chloride) is highly soluble. Electroplating wastes may contain substantial amounts of nickel salts.

Fluoride

Fluorides in high concentrations are not a common constituent of natural surface waters, but may occur in detrimental concentrations in ground waters. A condition known as "mottled enamel" (dental fluorosis) may occur when the concentration of fluoride ion in drinking water is in excess of 1.0 mg/l.

Cyanide

Cyanides are likely to occur in effluents from gas works and coke ovens, from the scrubbing of gases produced from blast furnaces, in wastes from the surface cleaning of various metals, and in electroplating processes and other chemical industries. Cyanide in water is toxic to biological life, the lethal concentration depending on water quality, temperature and type and size of organism.

Cobalt

Cobalt occurs naturally in the minerals cobalite, smaltite and erythrite. It is widely used in the manufacture of alloys, the tungsten carbide tool industry and as pigments used in glass staining.

Cobalt is an essential element at trace levels for both animal and plant nutrition. It is known to be one of the main constituents of Vitamin B₁₂. Adverse effects due to cobalt are very slight even at high concentrations. No limits have been set on the maximum acceptable concentration for cobalt in domestic water supplies.

STATION IDENTIFIER CODES, MILEAGES AND ABBREVIATED PARAMETER HEADINGS

STATION IDENTIFIER CODES

The station identifier codes which appear in the index and the top right-hand corner of the data pages are numerical descriptions of the sampling station locations and are used primarily for electronic data processing of the water quality data. The eleven digit figure is decoded as follows: the first two digits refer to the terminal basin (see figures 1 and 2), the following four digits refer to the river basin (each river basin in a terminal basin is assigned a unique number), the next three digits refer to the station number within the river basin and the last two digits refer to the type of sample (e.g. 01-lake sample, 02-stream sample, 82 to 89-composite sample, e.g. 83 - 3 part composite across a station sampling range).

MILEAGES

The distance in miles is measured along the centre line of a watercourse to the sampling station location from the junction of the related terminal stream and terminal basin.

ABBREVIATED HEADINGS

| | |
|-------------------|---|
| B.O.W. | body of water |
| STN NO | base station number |
| LAT | latitude (not applicable) |
| LONG | longitude (not applicable) |
| U.T.M. | Universal Transverse Mercator Grid |
| SAMP DTE DY MO YR | sample date; day, month, year |
| HOURL LMT | hour(s) local mean time (2400 hour clock) |
| STN DIST FEET | distance from base station (in feet) (not applicable) |
| STN BRG | bearing of sampling point (deg N) from base station (not applicable) |
| SAMP DEPTH MTRS | sample depth (in metres) |
| PJ | project (not applicable) |

ABBREVIATED PARAMETER HEADINGS

The numeric codes appearing with the parameter headings are a series of unique numbers used for computer processing. Each number identifies a particular water quality parameter and analytical procedure.

| <u>Abbreviation</u> | <u>Parameter</u> |
|---------------------|---------------------------------------|
| 934 SAMPLE NO | MOE sample designation code |
| 901 SCD | stream condition |
| 444 FLOW CFS | streamflow (in cubic feet per second) |

| <u>Abbreviation</u> | <u>Parameter</u> |
|---|---|
| 80 TOTAL COLIFORM MF/100 ML | total coliform bacteria per 100 ml of sample |
| 81 FECAL COLIFORM MF/100 ML | fecal coliform bacteria per 100 ml of sample |
| 84 M.F. ENTER. MF/100 ML | enterococcus bacteria per 100 ml of Sample |
| 88 PSEUD. MPA MF/100 ML | Pseudomonas aeruginosa bacteria per 100 ml of sample |
| 805 WATER TEMP. DEG. C | water temperature in degrees Celsius |
| 3 DISS. O ₂ MG/L | dissolved oxygen in mg/l |
| 1 5-DAY BOD MG/L | five day biochemical oxygen demand in mg/l |
| 33 TOTAL P MG/L | total phosphorus as phosphorus in mg/l |
| 34 FILTERED REACTIVE P | filtered reactive phosphate as phosphorus in mg/l |
| 19 FILTERED AMMONIA MG/L | filtered ammonia as nitrogen in mg/l |
| 20 TOTAL KJELDAHL MG/L | total Kjeldahl nitrogen as nitrogen in mg/l |
| 21 FILTERED NITRITE NO ₂ -N MG/L | filtered nitrite as nitrogen in mg/l |
| 22 FILTERED NITRATE NO ₃ -N MG/L | filtered nitrate as nitrogen in mg/l |
| 5 TOTAL SOLIDS MG/L | total solids in mg/l |
| 6 SUSP. SOLIDS MG/L | suspended solids in mg/l |
| 7 DISS. SOLIDS MG/L | dissolved solids (gravimetric) in mg/l |
| 107 DISS. SOLIDS MG/L | dissolved solids (from conductivity) in mg/l |
| 14 COND. 25 C UMHOS | conductivity in micromhos per cubic centimetre at 25°C |
| 16 TURB. FORMAZIN UNITS | turbidity in Formazin Turbidity Units |
| 56 CHLORIDE MG/L | chloride in mg/l |
| 59 SULPHATE MG/L | sulphate as SO ₄ in mg/l |
| 280 UNFILTERED REACTIVE SILICATE SI MG/L | unfiltered reactive silicate as Si in mg/l |
| 95 ACIDITY MG/L | acidity as in mg/l |
| 52 TOTAL ALK AT LAB MG/L | total alkalinity at laboratory as CaCO ₃ in mg/l |
| 55 pH AT LAB | pH at laboratory |
| 208 TOTAL IRON MG/L | total iron in mg/l |
| 25 PHENOLS UG/L | phenolic equivalents in ug/l |
| 76 CALCUL HARDNESS MG/L | hardness calculated from calcium and magnesium results and expressed as CaCO ₃ in mg/l |
| 72 TOTAL CALCIUM MG/L | total calcium in mg/l |

| | | |
|-----|---------------------------|--------------------------------|
| 74 | TOT. MAGNESIUM. MG/L | total magnesium in mg/l |
| 68 | COLOUR HAZEN UNITS | colour in hazen colour units |
| 67 | POTASSIUM K MG/L | total potassium in mg/l |
| 66 | SODIUM NA MG/L | total sodium in mg/l |
| 47 | TOTAL ORGANIC C AS C MG/L | total organic carbon in mg/l |
| 41 | COD MG/L | chemical oxygen demand in mg/l |
| 361 | SOLVENT EXTRABLES MG/L | solvent extractables |
| 265 | TOTAL ARSENIC MG/L | total arsenic in mg/l |
| 235 | MERCURY UG/L | total mercury in ug/l |
| 203 | TOTAL ALUMINUM MG/L | total aluminum in mg/l |
| 221 | TOTAL CHROMIUM MG/L | total chromium in mg/l |
| 225 | TOTAL COPPER MG/L | total copper in mg/l |
| 229 | TOTAL LEAD MG/L | total lead in mg/l |
| 215 | TOTAL CADMIUM MG/L | total cadmium in mg/l |
| 249 | TOTAL ZINC MG/L | total zinc in mg/l |
| 201 | MANGANESE MG/L | total manganese in mg/l |
| 238 | TOTAL NICKEL MG/L | total nickel in mg/l |
| 60 | FLUORIDE MG/L | fluoride in mg/l |
| 272 | SIMPLE CYANIDE MG/L | simple cyanide in mg/l |
| 217 | TOTAL COBALT MG/L | total cobalt |

OTHER ABBREVIATIONS

| | |
|----------------|---|
| AVE. | avenue |
| AVG OR GEOM MN | arithmetic mean or geometric mean (denoted by *) |
| BLVD. | boulevard |
| BR. | branch, bridge or brook |
| Corp. | corporation |
| Can. | Canadian |
| CNR | Canadian National Railway |
| CO. | county or company |
| CONC. | concession |
| CPR | Canadian Pacific Railway |
| Cr. | creek |
| DR. | drive |
| FT. | feet |
| HWY. | highway |
| JNT. | junction |
| L | left |
| MG | milligram(s) |
| MG/L | milligrams per litre |
| ML | millilitre(s) |
| N | north |
| NO OF SAMPLES | number of samples |
| PT | part or point |
| QEW | Queen Elizabeth Way |
| R | river or right |
| RD. | road |
| R/R | railroad |
| RW | railway |
| S | south |
| STP | sewage treatment plant |
| TWP. | township |
| UG/L | micrograms per litre |
| WPCP | water pollution control plant |
| WW | water-works |

REMARKS

Reported values may be qualified by one or more of the following remarks.

- 1 Remarks that apply to individual parameter results (including maximum and minimum values)

Example

| | |
|---|--------|
| G-actual value is greater than reported value | 10.0 G |
| L-actual value is less than reported value | 0.01 L |

An "Exponent" is used to move the decimal point to the right when the result is greater than 7 digits or to the left if the result is measured to more than three decimal places.

| | | |
|----------------|--------------------|--------|
| EXPONENT = + 4 | multiply result by | 10,000 |
| = + 3 | " | " |
| = + 2 | " | " |
| = + 1 | " | " |
| = - 1 | divide result by | 10 |
| = -2 | " | " |
| = -3 | " | " |
| = -4 | " | " |

- 2 Remarks that apply to computer summary values:

Example

| | |
|---|--------|
| U-individual values with remark G were used in the computation | 9.50 U |
| D-individual values with remark L were used in the computation | 5.78 D |
| E-individual values with remarks G and L were used in the computation | 4.20 E |

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| AGUASABON R. | AGUASABON DIV. | AGUASABON HYDRO PLANT | 0.0 | 01 0075 002 02 | 21 |
| AUSABLE R. | THE CUT | AT HWY 21 | 3.9 | 08 0021 001 02 | 305 |
| AUSABLE R. | AUSABLE R. | TWP. LINE DNSTR. CENTRALIA BASE | 75.0 | 08 0022 011 02 | 309 |
| | AUSABLE R. | AT HIGHWAY NO. 21, GRAND REND | 0.5 | 08 0022 013 02 | 310 |
| | AUSABLE R. | AT 1ST CONC W OF HWY 4 EXETER | 83.5 | 08 0022 016 02 | 311 |
| | AUSABLE R. | AT MORRISON DAM EAST OF EXETER | 84.9 | 08 0022 017 02 | 312 |
| | DECKER CR. | NEAR BRICK YARD, THEDFORD | 6.4 | 08 0022 002 02 | 306 |
| | HENSALL CR. | CONC. ROAD 2, WEST OF HENSALL | 86.5 | 08 0022 007 02 | 307 |
| | L. AUSABLE R. | AT BRIDGE TWP. LINE W. OF LUCAN | 68.3 | 08 0022 010 02 | 308 |
| BAR R. | BAR R. | AT FIRST BRIDGE ABOVE L. GEORGE | 1.8 | 02 0006 001 02 | 40 |
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| HATTEAUX R. | HATTEAUX R. | HWY 26 E OF COLLINGWOOD | 0.2 | 03 0054 001 02 | 52 |
| RAYFIELD R. | RAYFIELD R. | 1ST CONC. DNSTR. CLINTON | 13.2 | 08 0040 006 02 | 313 |
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| | RAYFIELD R. | AT 1ST CONC W OF SEAFORTH | 28.2 | 08 0040 009 02 | 315 |
| | RAYFIELD R. | DNSTR. WITH GRANT CR. | 10.5 | 08 0040 010 02 | 315 |
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| | VENISON CR. | MIDDLETON=N. WALSINGHAM TWP. LINE | 21.2 | 16 0124 007 02 | 496 |
| | VENISON CR. | DAM NEAR HAZEN RD. MIDDLETON TWP | 21.6 | 16 0124 008 02 | 496 |
| BIG OTTER CR. | BIG OTTER CR. | AT 9TH LINE BRIDGE, BAYHAM TWP. | 27.4 | 16 0109 004 02 | 491 |
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| GRAND R. | GRAND R. | 1ST BRIDGE DNSTR. LUTHER I. DAM | 168.2 | 16 0184 019 02 | 520 |
| | GRAND R. | ALBION AVE. BRIDGE, NEWPORT | 49.0 | 16 0184 024 02 | 522 |
| | GRAND R. | COCKSHUTTS BRIDGE, BRANTFORD | 57.5 | 16 0184 027 02 | 524 |
| | GRAND R. | HWY 7, BRESLAH | 106.8 | 16 0184 028 02 | 525 |
| | GRAND R. | BRIDGE IN DUNNVILLE *COMPOSITE* | 4.8 | 16 0184 035 03 | 532 |
| | GRAND R. | 1ST CONC. DNSTR. BELWOOD L. OUT. | 138.3 | 16 0184 037 02 | 534 |
| | GRAND R. | E. LUTHER & AMARANTH TWP LINE | 154.2 | 16 0184 039 02 | 536 |
| | GRAND R. | AT HIGHWAY NO. 8, FREEPORT | 101.0 | 16 0184 041 02 | 538 |
| | GRAND R. | PILKINGTON - WOODWICH TWP. LINE | 127.6 | 16 0184 042 02 | 539 |
| | LAUREL CR. | AT MOUTH, BRIDGEPORT | 110.4 | 16 0184 030 02 | 527 |
| | WITH R. | HWY 24 A, PARIS | 75.3 | 16 0184 009 02 | 511 |
| | WITH R. | FIRST BRIDGE DNSTR. PLATTSVILLE | 113.3 | 16 0184 031 02 | 528 |
| | WITH R. | FIRST BRIDGE DNSTR. NEW HAMBURG | 126.3 | 16 0184 032 02 | 529 |
| | WITH R. | FIRST BRIDGE DNSTR FROM AYR | 98.3 | 16 0184 033 02 | 530 |
| | WITH R. | 1ST CONC. DNSTR. OF WELLESLEY | 143.5 | 16 0184 045 02 | 542 |
| | SENECA CR. | KINCARDINE ST., CALEDONIA | 38.7 | 16 0184 007 02 | 510 |
| | SPEED R. | BEAVERDALE BR., DNSTR. HESPELER | 96.9 | 16 0184 013 02 | 516 |
| | SPEED R. | EDINBOROUGH ST., GUELPH | 107.3 | 16 0184 034 02 | 531 |
| | SPEED R. | PUSLINCH L. RD., 4M. S-W GUELPH | 102.2 | 16 0184 036 02 | 533 |
| | SPEED R. | AT WOODLAWN AVE., GUELPH | 111.9 | 16 0184 043 02 | 540 |
| | SPEED R. | 200 YDS UPSTR. FR CONC. GRAND R. | 93.4 | 16 0184 044 02 | 543 |
| | SUNFISH CR | HILL ST., DUNNVILLE | 4.4 | 16 0184 005 02 | 509 |
| GREEN CR. | GREEN CR | HIGHWAY NO. 17 | 2.5 | 18 2590 020 02 | 658 |
| GRINDSTONE CR | GRINDSTONE CR | HWY 2, BAYVIEW, HAMILTON HARBOUR | 0.3 | 09 0009 001 02 | 360 |
| | GRINDSTONE CR | WATERDOWN RD., WATERDOWN | 4.5 | 09 0009 002 02 | 361 |
| HARMONY R. | HARMONY R. | HWY 17, CHIPPEWA FALLS | 0.5 | 07 0028 001 02 | 301 |
| HICKORY CR. | HICKORY CR. | PLYMPTON TWP RD 14 DNSTR. FOREST | 5.3 | 08 0010 001 02 | 304 |
| HIGHLAND CR. | HIGHLAND CR. | HIGHLAND CREEK PARK WEST HILL | 1.6 | 06 0094 002 02 | 247 |
| HOPPLE CR. | HOPPLE CR. | 2ND CONC. E. OF INGLESIDE | 1.8 | 12 0060 001 02 | 379 |
| HUMBER R. | BLACK CR. | AT SCARLETT ROAD, TORONTO | 5.1 | 06 0083 012 02 | 239 |
| | HUMBER R. | LAKESHORE RD., TORONTO | 0.0 | 06 0083 001 02 | 233 |
| | HUMBER R. | HWY 7, WOODBRIDGE | 16.6 | 06 0083 003 02 | 236 |
| | HUMBER R. | YORK-PEEL COUNTY LINE, BOLTON | 32.6 | 06 0083 005 02 | 238 |
| | HUMBER R. | ALSTON HILL CONSERVATION AREA | 44.3 | 06 0083 018 02 | 240 |
| | HUMBER R. E. | PINE GROVE RD., PINE GROVE | 17.5 | 06 0083 004 02 | 237 |
| | HUMBER R. W. | DNSTR. OF CLAIREVILLE DAM OUTLET | 14.8 | 06 0083 002 02 | 235 |
| KAMINISTIGUIA R. | KAMINISTIGUIA R. | AT HWY 61 S THUNDER BAY | 4.2 | 01 0108 001 02 | 31 |
| | KAMINISTIGUIA R. | UPSTREAM HWY 61 BRIDGE | 5.5 | 01 0108 002 02 | 33 |
| | KAMINISTIGUIA R. | MIDDLE OF TURNING BASIN | 5.0 | 01 0108 003 02 | 34 |
| | KAMINISTIGUIA R. | AT MISSION R. JUNCTION | 2.5 | 01 0108 005 02 | 35 |
| KETTLE CR | BEAVER CR | POND OUTL., COMM. OF UNION | 4.6 | 16 0087 006 02 | 480 |
| | DODDS CR. | AT HIGHWAY NO. 3 ST. THOMAS | 14.0 | 16 0087 013 02 | 485 |
| | KETTLE CR. | 2ND. CONC. N. OF ST. THOMAS | 18.4 | 16 0087 003 02 | 479 |
| | KETTLE CR | 1 ST CONC. RD. S-W OF BELMONT | 27.6 | 16 0087 007 02 | 480 |
| | KETTLE CR. | COUNTY RD. 26 ST. THOMAS | 14.0 | 16 0087 009 02 | 481 |
| | KETTLE CR. | 1ST BRIDGE ABOVE PORT STANLEY | 3.0 | 16 0087 010 02 | 482 |
| | KETTLE CR. | AT ELGIN COUNTY ROAD 45 | 10.6 | 16 0087 012 02 | 484 |
| | KETTLE CR, TRIM | 2 MILES EAST OF UNION | 9.2 | 16 0087 011 02 | 483 |
| KEY R. | KEY R. | AT HIGHWAY NO. 69 | 8.2 | 03 0128 001 02 | 116 |
| L. SUPERIOR | THUNDER BAY | INSIDE EASTERN GAP THUNDER BAY | 0.0 | 01 0000 001 01 | 1 |
| | THUNDER BAY | OFF MOUTH OF KAMINISTIGUIA | 0.0 | 01 0000 002 01 | 1 |
| | THUNDER BAY | NEAR PULP MILL, MISSION BAY | 0.0 | 01 0000 003 01 | 2 |

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| | THUNDER BAY | NEAR ARITTIRI PAPER MILL SLIP | 0.0 | 01 0000 005 01 | 4 |
| | THUNDER BAY | AT ARITTIRI PAPER MILL DITCH | 0.0 | 01 0000 006 01 | 4 |
| LARUE MILLS CR | LARUE MILLS CR | THOUSAND ISL. PKY, LARUE MILLS | 0.1 | 12 0027 001 02 | 377 |
| LAUZON R. | LAUZON R. | AT HWY. 17, TOWN OF ALGOMA | 0.5 | 14 0016 001 02 | 406 |
| L. CATARAUGUS CR | L. CATARAUGUS CR | HWY 2, 1 M. S.E. OF CATARAUGUS | 2.7 | 12 0002 004 02 | 367 |
| | L. CATARAUGUS CR | DIVISION STREET, KINGSTON | 6.8 | 12 0002 005 02 | 368 |
| | L. CATARAUGUS CR | DIVISION ST., LAPANS LANE, KINGSTON | 4.8 | 12 0002 007 02 | 369 |
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| LITTLE R. | LITTLE R. | RIVERSIDE DRIVE, WINDSOR | 0.1 | 04 0001 001 02 | 144 |
| LITTLE PIC R. | LITTLE PIC R. | AT HWY 17 | 0.9 | 01 0047 001 02 | 18 |
| LUCKNOW R. | LUCKNOW R. | HWY 21, PORT ALBERT | 0.8 | 08 0076 001 02 | 328 |
| | LUCKNOW R. | CANNING ST., VILLAGE OF LUCKNOW | 16.0 | 08 0076 002 02 | 329 |
| LYNN R. | LYNN R. | HWY 6, PORT DOVER | 0.4 | 16 0159 001 02 | 498 |
| | LYNN R. | AT BRIDGE, LYNN VALLEY ROAD | 5.6 | 16 0159 002 02 | 499 |
| MADAWASKA R. | MADAWASKA R. | HWY 17 BRIDGE, ARNPRIOR | 0.7 | 18 3090 020 02 | 669 |
| MAGNETAWAN R. | MAGNETAWAN R. | 1ST BRIDGE DNSTR. OF HWY 11 | 77.6 | 03 0124 001 02 | 114 |
| | MAGNETAWAN R. | AT YOUNG ST. BRIDGE, BURKS FALLS | 79.0 | 03 0124 002 02 | 114 |
| | MAGNETAWAN R. | AT HIGHWAY NO. 69 | 6.5 | 03 0124 003 02 | 115 |
| MAGPIE R. | MAGPIE R. | HWY 17, 1 M. W. OF WAMA | 7.9 | 01 0029 002 02 | 8 |
| | MAGPIE R. | BRIDGE DNSTR. OF MISSION FALLS | 1.3 | 01 0029 005 02 | 10 |
| MATTLAND R. | BLYTH BR. | SIDE RD., W. OF BLYTH | 31.7 | 08 0056 002 02 | 317 |
| | L. MATTLAND R. | HWY 23 S.W. OF PALMERSTON | 82.0 | 08 0056 022 02 | 324 |
| | MATTLAND R. | HWY 21, GODERICH | 1.7 | 08 0056 001 02 | 316 |
| | MATTLAND R. | HWY 86, 2 MILES N.W. WINGHAM | 48.0 | 08 0056 003 02 | 317 |
| | MATTLAND R. | ONE MILE N.W. OF WROXETER | 62.4 | 08 0056 004 02 | 318 |
| | MATTLAND R. | HWY 87, DNSTR. HARRISTON | 83.8 | 08 0056 007 02 | 320 |
| | MATTLAND R. | AT HIGHWAY NO. 21, GODERICH | 1.7 | 08 0056 023 03 | 325 |
| | M. MATTLAND R. | HAMLET OF TROWBRIDGE | 87.6 | 08 0056 009 02 | 320 |
| | M. MATTLAND R. | HWY 23, DNSTR. LISTONEL | 91.4 | 08 0056 013 02 | 321 |
| | M. MATTLAND R. | HALF MILE N.W. LISTONEL | 99.3 | 08 0056 014 02 | 322 |
| | M. MATTLAND R. | DNSTR. VILL. OF BRUSSELS | 69.0 | 08 0056 016 02 | 323 |
| | M. MATTLAND R. | 0.7 MILES EAST OF ETHEL | 79.0 | 08 0056 026 02 | 326 |
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| | SHARPES CR. | AT 1ST CONC. N. OF BENMILLER | 11.7 | 08 0056 028 02 | 328 |
| | S. MATTLAND R. | HWY 4, LONDESBOROUGH | 27.0 | 08 0056 015 02 | 323 |
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| MICHIPICOTEN R. | MICHIPICOTEN R. | HWY 17, 5 M. S. OF WAMA | 3.8 | 01 0029 001 02 | 7 |
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| | MISSISSAUGI R. | OLD HWY 17, TOWN BRIDGE VILLAGE | 18.0 | 18 0012 002 02 | 404 |
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| | MISSISSIPPI R. | AT DAM BELOW PAKENHAM | 9.3 | 18 3430 034 02 | 662 |
| | MISSISSIPPI R. | AT C.P.R. BRIDGE PAKENHAM | 10.0 | 18 3430 036 02 | 662 |
| | MISSISSIPPI R. | DOWNSTREAM OF ALMONTE | 17.7 | 18 3430 040 02 | 662 |
| | MISSISSIPPI R. | UPSTREAM OF ALMONTE | 19.0 | 18 3430 050 02 | 663 |
| | MISSISSIPPI R. | BELOW CARLETON PLACE | 28.2 | 18 3430 060 02 | 664 |
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| | MOTRA L. | COUNTY BRIDGE, 1 M. S. MAPOC | 44.4 | 17 0026 011 01 | 613 |
| | MOTRA R. | FOOTBRIDGE N. HWY 2, BELLEVILLE | 0.7 | 17 0026 001 02 | 600 |
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| | MOTRA R. | STOCO BRIDGE, HUNGERFORD TWP | 29.7 | 17 0026 004 02 | 605 |
| | MOTRA R. | JAMFSON STREET, THEED | 31.2 | 17 0026 006 02 | 606 |
| | MOTRA R. | HWY 7, 1 MILE S. DELORD | 57.6 | 17 0026 013 02 | 616 |
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| | SULPHIDE CR. | UPSTR. STOCO L., HUNGERFORD TWP | 32.8 | 17 0026 008 02 | 609 |
| MONTREAL R. | MONTREAL R. | HWY 17, 66 MILES SOUTH OF HAWA | 0.5 | 01 0009 001 02 | 5 |
| MONTREAL R. | GIROUX L. | AT OUTLET NEAR CORALY | 66.3 | 18 6975 001 01 | 675 |
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| | MONTREAL R. | HWY 11, IN LATCHFORD | 22.0 | 18 6975 003 02 | 677 |
| MOON R. | MOON R. | AT HIGHWAY NO. 103 | 10.4 | 03 0092 001 02 | 104 |
| MOOSE R. | ARITIRI R. | DNSTR. ARITIRI PAPER CO. | 231.8 | 19 0064 005 02 | 707 |
| | ARITIRI R. | UPSTR. ARITIRI PAPER CO. | 232.0 | 19 0064 006 02 | 708 |
| | BLACK R. | HWY 101, TOWN OF MATHESON | 262.7 | 19 0064 007 02 | 709 |
| | FIVE MILE CR. | AT MOUTH IN TOWN OF MATTICE | 201.4 | 19 0064 018 02 | 719 |
| | GOUGH CR. | LAURENTIAN AVE., KAPUSKATING | 169.7 | 19 0064 017 02 | 718 |
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| | KAPUSKASING R. | DNSTR. SPRUCE FALLS PAPER CO. | 169.5 | 19 0064 010 02 | 712 |
| | MATTAGAMI R. | DNSTR. FROM TIMMINS STP | 264.5 | 19 0064 001 02 | 702 |
| | MATTAGAMI R. | HWY 101 BRIDGE, TIMMINS | 265.5 | 19 0064 002 02 | 703 |
| | MATTAGAMI R. | UPSTR. ARTTIRI PAPER, SMOOTH ROCK | 197.5 | 19 0064 011 02 | 713 |
| | MATTAGAMI R. | DNSTR. ARTTIRI PAPER, SMOOTH ROCK | 196.5 | 19 0064 012 02 | 714 |
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| | INDIAN R. | HANNA PARK, PORT CARLING | 33.4 | 03 0085 011 02 | 100 |
| | L. OF RAYS | HWY 35, DORSET | 82.4 | 03 0085 014 01 | 102 |
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| | MARY L. OUT. | HWY 516, PORT SYDNEY | 57.4 | 03 0085 006 02 | 96 |
| | MUSKOKA L. OUT | HWY 69, RALA | 21.4 | 03 0085 003 02 | 95 |
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| | MUSKOKA R.N. | HWY 11 B, BRACEBRIDGE | 40.4 | 03 0085 013 02 | 101 |
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| | MINISTIC CR. | ABOVE AGNEW LAKE MINE PUMPHOUSE | 59.8 | 14 002R 022 02 | 458 |
| | MOOSE CR. | UPSTR. LEVACK | 111.4 | 14 002R 014 02 | 450 |
| | MOOSE CR. | DNSTR. TREATMENT BY FALCONBRIDGE | 113.0 | 14 002R 015 02 | 451 |
| | MOOSE CR. | DNSTR. TOWN OF LEVACK | 109.7 | 14 002R 018 02 | 455 |
| | NOLIN CR. | AT HWY 144 | 86.9 | 14 002R 043 02 | 473 |
| | ONAPING R. | 1 M. UPSTR. HIGH FALLS | 106.8 | 14 002R 012 02 | 447 |
| | ONAPING R. | UPSTR. LEVACK SEPTIC TANK | 110.2 | 14 002R 013 02 | 448 |
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| | ROBERTS R. | UPSTR. NAT. STEEL PUMPH., SELLWOOD | 149.9 | 14 002R 032 02 | 465 |
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| | SPANISH R. | AT HIGH FALLS | 53.1 | 14 002R 020 02 | 456 |
| | SPANISH R. | AT BRIDGE S. TOWN OF MASBEY | 18.7 | 14 002R 03A 83 | 469 |
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| | VERMILION R. | DNSTR. CPR YARDS, CAPREOL | 134.2 | 14 002R 009 02 | 444 |
| | VERMILION R. | AT FT. OF BASS L. UPSTR. CAPREOL | 137.6 | 14 002R 010 02 | 445 |
| | VERMILION R. | HWY 17, 2 M. E. OF WHITEFISH | 65.4 | 14 002R 027 02 | 461 |
| | VERMILION R. | DOWNING, 6 M. W. CHELMSFORD | 95.8 | 14 002R 033 02 | 466 |
| | VERMILION R. | BALFOUR - MORGAN TWP. LINE | 103.6 | 14 002R 039 02 | 470 |
| | WHITSON R. | AT BRIDGE IN CHELMSFORD | 86.5 | 14 002R 008 02 | 443 |
| | WHITSON R. | HWY 634, W. OF VAL CARON | 97.7 | 14 002R 028 02 | 462 |
| | WHITSON R. | BRIDGE IN THE COMM. OF BRADLEY | 80.6 | 14 002R 030 02 | 464 |
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| | SPENCER CR. | AT CONTE ROAD, DUNDAS | 2.3 | 09 000R 001 02 | 356 |
| | SPENCER CR. | AT VALENS SIDE ROAD CULVERT | 27.6 | 09 000R 004 02 | 359 |
| | SPENCER CR. W. | CROOK HOLLOW RR., W. OF FLAMBORN | 7.6 | 09 000R 003 02 | 358 |
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| | ST. MARYS R. | SAULT STE MARIE CIVIC CENTRE | 0.0 | 13 0000 007 02 | 392 |
| | ST. MARYS R. | HWY 2 88M MICHIGAN USA | 0.0 | 13 0000 008 02 | 393 |
| STORY CR. | STORY CR. | AT HWY 17 | 0.8 | 13 0020 001 02 | 400 |
| STOKES R. | STOKES R. | 2ND. BR. UPSTR. OF MOUTH STOKES RAY | 0.7 | 08 0143 001 02 | 352 |
| STOKLEY CR. | STOKLEY CR. | AT HWY 17 | 0.1 | 07 0020 002 02 | 300 |
| STONEY CR. | STONEY CR. | AT DEW. STONEY CREEK | 0.4 | 06 0050 001 02 | 199 |
| STONEY CR. | STONEY CR. | AT CO. RD. NO. 7, S. OF SELKIRK | 1.0 | 16 0173 001 02 | 508 |
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| SUTHERLAND CR. | SUTHERLAND CR. | S. SERVICE RD. HWY. 401 EXIT 128 | 0.8 | 12 0077 001 02 | 388 |
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| | SYDENHAM R. | AT CONC 1A ABOVE INGLIS FALLS | 4.6 | 03 0016 003 02 | 42 |
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| | REAR CR. | AT TWP. LINE NE OF AVONRY S.T.P. | 21.3 | 04 0027 004 02 | 179 |
| | REAR CR. | 2 M. N-E OF PETROLIA ON HWY 21 | 45.8 | 04 0027 010 02 | 181 |
| | BLACK CR. | AT COUNTY RD. 9 N. OF OIL SPRINGS | 30.7 | 04 0027 009 02 | 180 |
| | BROWN CR. | HARWICK-BROOKE TWP. LINE | 72.8 | 04 0027 011 02 | 182 |
| | SYDENHAM R. | HWY 40, WALLACEBURG | 2.8 | 04 0027 001 83 | 174 |
| | SYDENHAM R. | BRIDGE IN TUPPERVILLE | 6.2 | 04 0027 005 02 | 176 |
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| | SYDENHAM R. | 3RD CONC. S. OF HWY. 22, STRATHROY | 81.2 | 04 0027 007 02 | 178 |
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| | RIG SWAMP DRAIN | CTY RD 23 S OF DORCHESTER | 139.7 | 04 0013 052 02 | 169 |
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| | NORTH RR. CR. | OXFORD COUNTY RD. 6 N. OF EMBRO | 162.7 | 04 0013 040 02 | 159 |
| | OKRON CR. | AT 1ST CONC. S. OF ILBERTON | 133.8 | 04 0013 036 02 | 155 |
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| | THAMES R. | AT HWY NO 7A | 66.1 | 04 0013 032 02 | 154 |
| | THAMES R. | AT COUNTY RD. NO. 48 WOODSTOCK | 162.2 | 04 0013 038 02 | 157 |
| | THAMES R. | AT PEMBERTON ST INGERBOLL | 152.4 | 04 0013 039 02 | 158 |
| | THAMES R. | AT 1ST. BR. DNSTR. OF INGERBOLL | 149.0 | 04 0013 042 02 | 160 |
| | THAMES R. | AT COUNTY RD 16 KOMOKA | 114.8 | 04 0013 047 02 | 165 |
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| | THAMES R. | MEADOWHILL ROAD LONDON | 132.6 | 04 0013 053 02 | 170 |
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| | RENTLEY L OUT | UPSTR. FARADAY MINE TAILINGS | 117.8 | 17 0021 064 02 | 579 |
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| | CAVEN CR. | FIRST CONC. N. OF FRASERVILLE | 85.1 | 17 0021 030 02 | 561 |
| | CENTRE L. OUT. | HWY 121, 4 M. W. OF CARDIFF | 122.1 | 17 0021 061 02 | 576 |
| | CLEAR L. OUT. | HWY 28, YOUNGS POINT | 106.6 | 17 0021 016 02 | 556 |
| | COLD CR. | HWY 33 BRIDGE IN FRANKFORD | 7.5 | 17 0021 046 02 | 569 |
| | CR. TO HOW L. | DNSTR, FARADAY MINE TAILINGS | 117.0 | 17 0021 063 02 | 578 |
| | CROWE R. | HWY 7, MARHORA | 47.1 | 17 0021 003 02 | 550 |
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| | CROWE R. | BRIDGE ON 1ST RD ABOVE BELMONT | 59.3 | 17 0021 083 02 | 591 |
| | CROWE R. | CORDOVA L. OUTLET DAM | 61.3 | 17 0021 084 02 | 592 |
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| | CROWF R. | AT HIGHWAY NO 620 77 | 95.3 | 17 0021 088 02 | 594 |
| | CROWE R. | HWY 28 PAUDASH L. OUTLET 76 1 | 106.9 | 17 0021 089 02 | 595 |
| | DEER CR. | DNSTR. FROM BICROFT MINE TIGS. | 120.9 | 17 0021 060 02 | 575 |
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| | GULL R. | HWY 503 BRIDGE, NORLAND | 173.3 | 17 0021 076 02 | 588 |
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| | OTONABEE R. | LOCK 25, LAKEFIELD | 98.5 | 17 0021 065 02 | 580 |
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| | OUSE R. | AT NO 7 HWY NORWOOD | 65.3 | 17 0021 079 02 | 588 |
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| | PAUDASH L. | AT PAUDASH L. ROAD 75 3 | 110.7 | 17 0021 090 01 | 595 |
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| | PLATO CR. | HWY 7, 1 M. E. OF HAVELOCK | 35.5 | 17 0021 072 02 | 585 |
| | PLATO CR. | AT FREEMAN CORNERS BRIDGE | 54.5 | 17 0021 081 02 | 590 |
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| | SCUING R. | HWY 7 B, LINDSAY | 156.6 | 17 0021 042 02 | 566 |
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| | TWELVE MILE CR | GLENDALE AVE., ST. CATHARINES | 5.4 | 06 0017 004 02 | 192 |
| TWENTY MILE CR | TWENTY MILE CR | 21ST STREET, LOUTH TWP | 2.4 | 06 0024 001 02 | 194 |
| | TWENTY MILE CR | FIRST BRIDGE DNSTR, SMITHVILLE | 17.5 | 06 0024 002 02 | 195 |
| | TWENTY MILE CR | HWY. NO. 20 DNSTR. OF SMITHVILLE | 15.5 | 06 0024 004 02 | 196 |
| | TWENTY MILE CR | AT COUNTY ROAD NO. 34 WOODBURN | 35.6 | 06 0024 005 02 | 197 |
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| | WILMOT CR. | HWY 2, 2 M. W. OF NEWCASTLE | 0.7 | 06 0117 003 02 | 282 |
| WILTON CR | WILTON CR | COUNTY RD. 8, 1 M. E. CHAMBERS | 2.0 | 17 0037 001 02 | 622 |
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| WYE R. | WYE R. | HWY 12 E. OF MIDLAND | 0.9 | 03 0070 001 02 | 66 |

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: INSIDE EASTERN GAP THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-001-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

| STN NO | 1 | LAT | LONG | U.T.M. 16 0338850.0 5368250.0 4 | REGION 06 | | | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 10 02 76 1130 | | | .3 | | 10028 | 4 | | 1. | 1. | 1. | | | | 2.4 |
| 25 02 76 0900 | | | .3 | | 10036 | 4 | | 12. | 4. | 4. | | 0.5 | 7.5 | 2.0 |
| | | | .3 | | 10042 | 4 | | 12. | 4. | 1. | | 0.0 | 9.8 | 1.8 |
| 07 05 76 1140 | | | .3 | | 10132 | | | 20. | 1. | 8. | | 5.5 | 13.0 | |
| 11 05 76 1040 | | | .3 | | 10145 | | | 152. | 24. | 4. | | 6.6 | 10.0 | 2.8 |
| 17 05 76 1105 | | | .3 | | 10164 | | | 172. | 12. | 8. | | 8.0 | 10.8 | |
| 17 06 76 1050 | | | .3 | | 10203 | | | | | | | 13.0 | 8.0 | 1.8 |
| 19 07 76 1705 | | | .3 | | 10259 | | | 16900E+2 | 12. | 4. | | 16.0 | 8.2 | 3.2 |
| 10 08 76 1305 | | | .3 | | 10271 | | | 440. | 1. | 1. | | 17.0 | 11.0 | |
| 13 09 76 1155 | | | .3 | | 10307 | | | 110. | 1. | 1. | | 14.5 | 9.4 | 2.0 |
| 12 10 76 1200 | | | .3 | | 10347 | | | 500. | 4. | 12. | | 8.5 | 8.7 | 3.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

16900E+2
140.8*
1.

24.
3.4*
1.

12.
2.9*
1.

17.0
8.96
0.0

13.0
9.64
7.5

3.2
2.4
1.8

NO OF SAMPLES

10

10

10

10

10

8

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|-------|-------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | MG/L | MG/L | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 02 76 1130 | | | .3 | | 0.012 | | | | | | | 1.0 | | |
| 25 02 76 0900 | | | .3 | | 0.016 | | | | | | | 2.0 | | |
| | | | .3 | | 0.020 | | | | | | | 4.0 | | |
| 07 05 76 1140 | | | .3 | | | | | | | | | | | |
| 11 05 76 1040 | | | .3 | | 0.010 | 0.002 | 0.010 | 0.260 | 0.004 | 0.040 | | | | |
| 17 05 76 1105 | | | .3 | | | | | | | | | | | |
| 17 06 76 1050 | | | .3 | | 0.026 | 0.004 | 0.020 | 0.320 | 0.004 | 0.060 | | 5.0 | | |
| 19 07 76 1705 | | | .3 | | 0.016 | 0.002 | 0.010 | 0.310 | 0.009 | 0.070 | | | | |
| 10 08 76 1305 | | | .3 | | | | | | | | | | | |
| 13 09 76 1155 | | | .3 | | 0.009 | 0.001 | 0.010 | 0.150 | 0.004 | 0.150 | | | | |
| 12 10 76 1200 | | | .3 | | 0.010 | 0.002 | 0.010 | 0.160 | 0.003 | 0.070 | | 5.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.026
0.015
0.009

0.004
0.002
0.001

0.020
0.012
0.010

0.320
0.240
0.150

0.009
0.005
0.003

0.150
0.078
0.040

5.0
3.4
1.0

NO OF SAMPLES

8

5

5

5

5

5

5

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 10 02 76 1130 | | | .3 | | 79 | 1.40 | | | | | | | | |
| 25 02 76 0900 | | | .3 | | 78 | 2.30 | | | | | | | | |
| | | | .3 | | 78 | 1.30 | | | | | | | | |
| 11 05 76 1040 | | | .3 | | 84 | 2.80 | 1.0 | | | | | | | |
| 17 06 76 1050 | | | .3 | | 110 | 4.20 | 2.0 | | | | | | | |
| 19 07 76 1705 | | | .3 | | 107 | 6.50 | 2.0 | | | | | | | |
| 13 09 76 1155 | | | .3 | | 101 | 1.10 | 1.0 | | | | | | | |
| 12 10 76 1200 | | | .3 | | 105 | 3.70 | 2.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

110
93
78

6.50
2.91
1.10

2.0
1.6
1.0

NO OF SAMPLES

8

8

5

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: OFF MOUTH OF KAMINISTIGUIA RIVER
STATION TYPE: LAKE

STATION ID: 01-0000-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

| STN NO | 2 | LAT | LONG | U.T.M. 16 0336550.0 5362000.0 4 | REGION 06 | | | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|-----|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 10 02 76 1100 | | | .3 | | 10026 | 4 | | 2900. | 184. | 420. | | 0.0 | 13.0 | 1.8 |
| 18 02 76 1100 | | | .3 | | 10034 | 4 | | 2400. | 152. | 168. | | 0.0 | 13.0 | 2.0 |
| 25 02 76 1100 | | | .3 | | 10041 | 4 | | 1390. | 210. | 164. | | 0.0 | 10.2 | 2.6 |
| 03 03 76 1000 | | | .3 | | 10053 | 0 4 | | 300. | 24. | 1. | | 0.5 | 10.0 | 3.2 |
| | | | .3 | | 10050 | 4 0 | | 6700. | 290. | 452. | | 0.5 | 10.0 | 6.5 |
| 07 05 76 1140 | | | .3 | | 10133 | | | 100. | 8. | 148. | | 5.0 | 11.5 | |
| 11 05 76 1100 | | | .3 | | 10146 | | | 100. | 12. | 1. | | 6.6 | 12.0 | 0.2 |
| 17 05 76 1120 | | | .3 | | 10165 | | | 1000. | 40. | 160. | | 8.0 | 10.2 | |
| 17 06 76 1100 | | | .3 | | 10204 | | | | | | | 14.0 | 6.4 | 3.0 |
| 19 07 76 1650 | | | .3 | | 10258 | | | 14300E+2 | 28. | 40. | | 10.5 | 10.2 | 1.1 |
| 10 08 76 1320 | | | .3 | | 10273 | | | 1500. | 1. | 8. | | 16.5 | 11.4 | |
| 13 09 76 1215 | | | .3 | | 10308 | | | 1600. | 1. | 4. | | 15.0 | 9.2 | 1.8 |
| 12 10 76 1200 | | | .3 | | 10348 | | | 10000E+1G | 20. | 32. | | 8.5 | 8.3 | 1.1 |
| 15 11 76 1130 | | | .3 | | 10371 | | | 1480. | 48. | 44. | | 0.0 | 12.0 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14300E+2
2422.* U
100.

290.
27.*
1.

452.
37.*
1.

16.5
6.1
0.0

13.0
10.5
6.4

6.5
2.2
0.2

NO OF SAMPLES

13

13

13

14

14

11

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 02 | 76 | 1100 | | .3 | | 0.048 | | | | | | | | | |
| 18 | 02 | 76 | 1100 | | .3 | | 0.040 | | | | | | | 5.0 | | |
| 25 | 02 | 76 | 1100 | | .3 | | 0.065 | | | | | | | 2.0 | | |
| 03 | 03 | 76 | 1000 | | .3 | | 0.072 | 0.007 | 0.210 | 0.840 | 0.007 | 0.050 | | 5.0 | | |
| | | | 1100 | | .3 | | 0.074 | | | | | | | | | |
| 07 | 05 | 76 | 1140 | | .3 | | | | | | | | | 5.0 | | |
| 11 | 05 | 76 | 1100 | | .3 | | 0.013 | 0.002 | 0.020 | 0.420 | 0.004 | 0.060 | | | | |
| 17 | 05 | 76 | 1120 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1100 | | .3 | | 0.057 | 0.005 | 0.020 | 0.600 | 0.005 | 0.040 | | 10.0 | | |
| 19 | 07 | 76 | 1650 | | .3 | | 0.024 | 0.002 | 0.020 | 0.230 | 0.002 | 0.120 | | | | |
| 10 | 08 | 76 | 1320 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1215 | | .3 | | 0.035 | 0.011 | 0.050 | 0.300 | 0.005 | 0.170 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.033 | 0.005 | 0.070 | 0.200 | 0.004 | 0.090 | | 8.0 | | |
| 15 | 11 | 76 | 1130 | | .3 | | 0.023 | 0.012 | 0.030 | 0.170 | 0.003 | 0.190 | | | | |
| MAXIMUM | | | | | | | 0.074 | 0.012 | 0.210 | 0.840 | 0.007 | 0.190 | | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.044 | 0.006 | 0.060 | 0.394 | 0.004 | 0.103 | | 5.8 | | |
| MINIMUM | | | | | | | 0.013 | 0.002 | 0.020 | 0.170 | 0.002 | 0.040 | | 2.0 | | |
| NO OF SAMPLES | | | | | | | 11 | 7 | 7 | 7 | 7 | 7 | | 6 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 02 | 76 | 1100 | | .3 | | 80 | 2.30 | | | | | | | | |
| 18 | 02 | 76 | 1100 | | .3 | | 76 | 2.30 | | | | | | | | |
| 25 | 02 | 76 | 1100 | | .3 | | 78 | 1.70 | | | | | | | | |
| 03 | 03 | 76 | 1000 | | .3 | | 110 | 2.10 | 4.0 | | | | | | | |
| | | | 1100 | | .3 | | 112 | 4.30 | | | | | | | | |
| 11 | 05 | 76 | 1100 | | .3 | | 96 | 3.30 | 2.0 | | | | | | | |
| 17 | 06 | 76 | 1100 | | .3 | | 120 | 4.50 | 5.0 | | | | | | | |
| 19 | 07 | 76 | 1650 | | .3 | | 102 | 1.90 | 2.0 | | | | | | | |
| 13 | 09 | 76 | 1215 | | .3 | | 106 | 2.10 | 2.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 112 | 5.20 | 4.0 | | | | | | | |
| 15 | 11 | 76 | 1130 | | .3 | | 101 | 3.00 | 1.0L | | | | | | | |
| MAXIMUM | | | | | | | 120 | 5.20 | 5.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 99 | 2.97 | 2.90 | | | | | | | |
| MINIMUM | | | | | | | 76 | 1.70 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 7 | | | | | | | |

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR PULP MILL MISSION BAY THUNDER BAY
STATION TYPE: LAKE

STATION ID: 01-0000-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO 3 LAT LONG U.T.M. 16 0336550.0 5357325.0 4 REGION 06

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 05 | 76 | 1130 | | .3 | | 10136 | | | 328. | 72. | 108. | | | | |
| 11 | 05 | 76 | 1130 | | .3 | | 10149 | | | 1200. | 40. | 8. | | 7.7 | 10.5 | 2.0 |
| 17 | 05 | 76 | 1200 | | .3 | | 10168 | | | 410. | 12. | 8. | | 8.5 | 9.8 | |
| 25 | 05 | 76 | 1115 | | .3 | | 10191 | | | 21300E+2 | 16. | 4. | | 12.5 | 8.6 | 13.0 |
| 07 | 06 | 76 | 1035 | | .3 | | 10197 | | | 98000E+1 | 64. | 1. | | 15.5 | 9.6 | |
| 17 | 06 | 76 | 1130 | | .3 | | 10207 | | | | | | | 13.0 | 6.6 | 5.0 |
| 19 | 07 | 76 | 1610 | | .3 | | 10255 | | | 4600. | 32. | 4. | | 18.5 | 6.7 | 6.1 |
| 10 | 08 | 76 | 1410 | | .3 | | 10276 | | | 78000E+1 | 4. | 1. | | 16.5 | 10.2 | |
| 13 | 09 | 76 | 1250 | | .3 | | 10311 | | | 14000E+1 | 28. | 4. | | 16.0 | 3.9 | 5.5 |
| 12 | 10 | 76 | 1200 | | .3 | | 10351 | | | 15000E+1G | 4. | 16. | | 9.0 | 6.6 | 6.0 |
| MAXIMUM | | | | | | | | | | 21300E+2 | 72. | 108. | | 18.5 | 10.5 | 13.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 30857.* U | 20.* | 6.* | | 13.0 | 8.1 | 6.3 |
| MINIMUM | | | | | | | | | | 328. | 4. | 1. | | 7.7 | 3.9 | 2.0 |
| NO OF SAMPLES | | | | | | | | | | 9 | 9 | 9 | | 9 | 9 | 6 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 05 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1130 | | .3 | | 0.019 | 0.002 | 0.020 | 0.420 | 0.006 | 0.040 | | | | |
| 17 | 05 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1115 | | .3 | | 0.023 | | | | | | | | | |
| 07 | 06 | 76 | 1035 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1130 | | .3 | | 0.030 | 0.006 | 0.010 | 0.490 | 0.005 | 0.010 | | 5.0 | | |
| 19 | 07 | 76 | 1610 | | .3 | | 0.023 | 0.003 | 0.010L | 0.450 | 0.004 | 0.010 | | | | |
| 10 | 08 | 76 | 1410 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1250 | | .3 | | 0.025 | 0.004 | 0.010 | 0.440 | 0.004 | 0.010 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.028 | 0.002 | 0.010 | 0.360 | 0.004 | 0.020 | | 6.0 | | |
| MAXIMUM | | | | | | | 0.030 | 0.006 | 0.020 | 0.490 | 0.006 | 0.040 | | 6.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.025 | 0.003 | 0.0120 | 0.432 | 0.005 | 0.018 | | 5.5 | | |
| MINIMUM | | | | | | | 0.019 | 0.002 | 0.010 | 0.360 | 0.004 | 0.010 | | 5.0 | | |
| NO OF SAMPLES | | | | | | | 6 | 5 | 5 | 5 | 5 | 5 | | 2 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 05 | 76 | 1130 | | | .3 | | 106 | 4.30 | 3.0 | | | | | | | |
| 25 | 05 | 76 | 1115 | | | .3 | | 119 | 4.10 | 4.0 | | | | | | | |
| 17 | 06 | 76 | 1130 | | | .3 | | 120 | 36.00 | 4.0 | | | | | | | |
| 19 | 07 | 76 | 1610 | | | .3 | | 123 | 3.30 | 4.0 | | | | | | | |
| 13 | 09 | 76 | 1250 | | | .3 | | 135 | 3.10 | 4.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 130 | 2.70 | 5.0 | | | | | | | |
| MAXIMUM | | | | | | | | 135 | 36.00 | 5.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 122 | 8.92 | 4.0 | | | | | | | |
| MINIMUM | | | | | | | | 106 | 2.70 | 3.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | | | | | | | |

B.O.W. / SITE: LAKE SUPERIOR

SAMPLE POINT: NEAR PROVINCIAL MILL EASTERN GAP THUNDER BAY

STATION TYPE: LAKE

STATION ID: 01-0000-004-01

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO 4 LAT LONG U.T.M. 16 0339500.0 5368400.0 4 REGION 06

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 04 | 02 | 76 | 1140 | | | .3 | | 10019 | 4 | | 8. | 1. | 1. | | 1.5 | 10.4 | 1.6 |
| 10 | 02 | 76 | 1140 | | | .3 | | 10027 | 4 | | 12. | 1. | 1. | | | | 5.0 |
| 18 | 02 | 76 | 1200 | | | .3 | | 10035 | 4 | | 12. | 1. | 1. | | 0.5 | 11.2 | 8.0 |
| 25 | 02 | 76 | 1205 | | | .3 | | 10043 | 4 | | 1. | 1. | 1. | | 0.5 | 8.1 | 4.0 |
| 07 | 05 | 76 | 1035 | | | .3 | | 10131 | | | 8. | 4. | 12. | | 6.6 | 10.0 | |
| 11 | 05 | 76 | 1030 | | | .3 | | 10144 | | | 1100. | 228. | 32. | | 7.7 | 10.0 | 8.0 |
| 17 | 05 | 76 | 1100 | | | .3 | | 10163 | | | 2900. | 124. | 68. | | 8.0 | 9.0 | |
| 25 | 05 | 76 | 1045 | | | .3 | | 10190 | | | 7900. | 40. | 1. | | 12.0 | | 13.0 |
| 07 | 06 | 76 | 1040 | | | .3 | | 10196 | | | 3400. | 8. | 1. | | 17.5 | 8.6 | |
| 17 | 06 | 76 | 1040 | | | .3 | | 10202 | | | | | | | 12.5 | 8.6 | 6.0 |
| 19 | 07 | 76 | 1710 | | | .3 | | 10260 | | | 53000. | 4. | 1. | | 14.0 | 8.8 | 1.5 |
| 10 | 08 | 76 | 1300 | | | .3 | | 10272 | | | 19500E+2 | 68. | 16. | | 17.0 | 8.6 | |
| 13 | 09 | 76 | 1140 | | | .3 | | 10306 | | | 3300. | 36. | 12. | | 14.8 | 4.3 | 12.0 |
| 12 | 10 | 76 | 1200 | | | .3 | | 10346 | | | 15000E+1G | 1. | 96. | | 9.0 | 9.4 | 8.0 |
| MAXIMUM | | | | | | | | | | | 19500E+2 | 228. | 96. | | 17.5 | 11.2 | 13.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 781.* U | 8.* | 5.* | | 9.4 | 8.9 | 6.7 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.5 | 4.3 | 1.5 |
| NO OF SAMPLES | | | | | | | | | | | 13 | 13 | 13 | | 13 | 12 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1140 | | | .3 | | 0.013 | | | | | | | 5.0 | | |
| 10 | 02 | 76 | 1140 | | | .3 | | 0.016 | | | | | | | 1.0 | | |
| 18 | 02 | 76 | 1200 | | | .3 | | 0.022 | | | | | | | 1.0 | | |
| 25 | 02 | 76 | 1205 | | | .3 | | 0.018 | | | | | | | 4.0 | | |
| 07 | 05 | 76 | 1035 | | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1030 | | | .3 | | 0.023 | 0.008 | 0.050 | 0.420 | 0.009 | 0.020 | | | | |
| 17 | 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1045 | | | .3 | | 0.015 | | | | | | | | | |
| 07 | 06 | 76 | 1040 | | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1040 | | | .3 | | 0.024 | 0.041 | 0.030 | 0.380 | 0.006 | 0.020 | | 5.0 | | |
| 19 | 07 | 76 | 1710 | | | .3 | | 0.016 | 0.002 | 0.010 | 0.310 | 0.006 | 0.110 | | | | |
| 10 | 08 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1140 | | | .3 | | 0.026 | 0.003 | 0.010 | 0.470 | 0.004 | 0.020 | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 0.022 | 0.003 | 0.010 | 0.320 | 0.005 | 0.030 | | 10.0 | | |
| MAXIMUM | | | | | | | | 0.025 | 0.041 | 0.050 | 0.470 | 0.009 | 0.110 | | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.020 | 0.011 | 0.022 | 0.380 | 0.006 | 0.040 | | 4.3 | | |
| MINIMUM | | | | | | | | 0.013 | 0.002 | 0.010 | 0.310 | 0.004 | 0.020 | | 1.0 | | |
| NO OF SAMPLES | | | | | | | | 10 | 5 | 5 | 5 | 5 | 5 | | 6 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1140 | | | .3 | | 100 | 1.30 | | | | | | | | |
| 10 | 02 | 76 | 1140 | | | .3 | | 104 | 1.40 | | | | | | | | |
| 18 | 02 | 76 | 1200 | | | .3 | | 100 | 2.30 | | | | | | | | |
| 25 | 02 | 76 | 1205 | | | .3 | | 97 | 1.70 | | | | | | | | |
| 11 | 05 | 76 | 1030 | | | .3 | | 93 | 18.00 | 1.0 | | | | | | | |
| 25 | 05 | 76 | 1045 | | | .3 | | 104 | 8.10 | 3.0 | | | | | | | |
| 17 | 06 | 76 | 1040 | | | .3 | | 114 | 8.80 | 3.0 | | | | | | | |
| 19 | 07 | 76 | 1710 | | | .3 | | 102 | 3.40 | 2.0 | | | | | | | |
| 13 | 09 | 76 | 1140 | | | .3 | | 130 | 10.00 | 4.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 121 | 10.00 | 3.0 | | | | | | | |
| MAXIMUM | | | | | | | | 130 | 18.00 | 4.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 107 | 6.50 | 2.7 | | | | | | | |
| MINIMUM | | | | | | | | 93 | 1.30 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 6 | | | | | | | |

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: NEAR ABITIBI THUNDER BAY PAPER MILL SLIP
STATION TYPE: LAKE

STATION ID: 01-0000-005-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

| STN NO | 5 | LAT | LONG | U.T.M. 16 0340425.0 5370550.0 4 | | | | | | | | | | REGION 06 | | | |
|---------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|--|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 07 | 05 | 76 | 1000 | | .3 | | 10129 | | | 1. | 1. | 1. | | 3.0 | 12.5 | | |
| 11 | 05 | 76 | 1015 | | .3 | | 10142 | | | 64. | 1. | 1. | | 5.0 | 13.5 | 1.2 | |
| 17 | 05 | 76 | 1040 | | .3 | | 10161 | | | 8. | 1. | 1. | | 5.0 | 11.9 | | |
| 25 | 05 | 76 | 1030 | | .3 | | 10188 | | | 1. | 1. | 1. | | 58.0 | | 0.8 | |
| 07 | 06 | 76 | 1000 | | .3 | | 10194 | | | 2100. | 8. | 4. | | 17.0 | 10.6 | | |
| 17 | 06 | 76 | 1020 | | .3 | | 10200 | | | | | | | 11.0 | 9.8 | 2.0 | |
| 19 | 07 | 76 | 1740 | | .3 | | 10261 | | | 4700. | 64. | 244. | | 16.0 | 9.8 | 1.9 | |
| 10 | 08 | 76 | 1240 | | .3 | | 10269 | | | 190. | 1. | 1. | | 18.0 | 11.0 | | |
| 13 | 09 | 76 | 1035 | | .3 | | 10304 | | | 3200. | 24. | 164. | | 15.0 | 8.0 | 6.5 | |
| 12 | 10 | 76 | 1200 | | .3 | | 10344 | | | 160. | 1. | 1. | | 9.0 | 9.3 | 2.6 | |

| | | | | | | |
|--------------------|-------|-----|------|------|------|-----|
| MAXIMUM | 4700. | 64. | 244. | 58.0 | 13.5 | 6.5 |
| AVG OR GEOM MN (*) | 92.* | 3.* | 4.* | 15.7 | 10.7 | 2.5 |
| MINIMUM | 1. | 1. | 1. | 3.0 | 8.0 | 0.8 |
| NO OF SAMPLES | 9 | 9 | 9 | 10 | 9 | 6 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 07 | 05 | 76 | 1000 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1015 | | .3 | | 0.005 | 0.001 | 0.020 | 0.340 | 0.003 | 0.060 | | | | |
| 17 | 05 | 76 | 1040 | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1030 | | .3 | | 0.003 | | | | | | | | | |
| 07 | 06 | 76 | 1000 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1020 | | .3 | | 0.011 | 0.004 | 0.020 | 0.230 | 0.003 | 0.070 | | 3.0 | | |
| 19 | 07 | 76 | 1740 | | .3 | | 0.018 | 0.002 | 0.030 | 0.310 | 0.004 | 0.080 | | | | |
| 10 | 08 | 76 | 1240 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1035 | | .3 | | 0.015 | 0.005 | 0.020 | 0.230 | 0.005 | 0.050 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.008 | 0.003 | 0.020 | 0.140 | 0.003 | 0.100 | | 2.0 | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.018 | 0.005 | 0.030 | 0.340 | 0.005 | 0.100 |
| AVG OR GEOM MN (*) | 0.010 | 0.003 | 0.022 | 0.250 | 0.004 | 0.072 |
| MINIMUM | 0.003 | 0.001 | 0.020 | 0.140 | 0.003 | 0.050 |
| NO OF SAMPLES | 6 | 5 | 5 | 5 | 5 | 5 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 11 | 05 | 76 | 1015 | | .3 | | 97 | 1.70 | 33.0 | | | | | | | |
| 25 | 05 | 76 | 1030 | | .3 | | 98 | 0.45 | 2.0 | | | | | | | |
| 17 | 06 | 76 | 1020 | | .3 | | 112 | 3.30 | 2.0 | | | | | | | |
| 19 | 07 | 76 | 1740 | | .3 | | 109 | 3.20 | 3.0 | | | | | | | |
| 13 | 09 | 76 | 1035 | | .3 | | 113 | 4.30 | 2.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 100 | 1.20 | 2.0 | | | | | | | |

| | | | | | | |
|--------------------|-----|------|------|--|--|--|
| MAXIMUM | 113 | 4.30 | 33.0 | | | |
| AVG OR GEOM MN (*) | 105 | 2.36 | 7.3 | | | |
| MINIMUM | 97 | 0.45 | 2.0 | | | |
| NO OF SAMPLES | 6 | 6 | 6 | | | |

B.O.W./ SITE: LAKE SUPERIOR
SAMPLE POINT: AT ABITIBI THUNDER BAY PAPER MILL DITCH Y
STATION TYPE: LAKE

STATION ID: 01-0000-006-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

| STN NO | 6 | LAT | LONG | U.T.M. 16 0340100.0 5370100.0 4 | REGION 06 | | | | | | | | | | | |
|---------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 04 | 02 | 76 | 1230 | | .3 | | 10020 | 4 | | 1. | 1. | 1. | | 0.5 | 10.2 | 1.6 |
| 10 | 02 | 76 | 1200 | | .3 | | 10029 | 4 | | 8. | 1. | 1. | | | | 3.2 |
| 25 | 02 | 76 | 1230 | | .3 | | 10044 | 4 | | 17600. | 600. | 100. | L | 0.5 | 11.3 | 39.0 |
| 07 | 05 | 76 | 1020 | | .3 | | 10130 | | | 1. | 1. | 1. | | 2.5 | 13.0 | |
| 11 | 05 | 76 | 1020 | | .3 | | 10143 | | | 24. | 1. | 4. | | 5.0 | 13.0 | 0.4 |
| 17 | 05 | 76 | 1045 | | .3 | | 10162 | | | 12. | 1. | 1. | | 6.0 | 12.0 | |
| 25 | 05 | 76 | 1035 | | .3 | | 10189 | | | 1. | 1. | 1. | | 9.0 | | 0.5 |
| 07 | 06 | 76 | 1010 | | .3 | | 10195 | | | 1400. | 1. | 1. | | 12.5 | 7.8 | |
| 17 | 06 | 76 | 1025 | | .3 | | 10201 | | | | | | | 12.5 | 7.6 | 17.0G |
| 19 | 07 | 76 | 1730 | | .3 | | 10262 | | | 1. | 1. | 1. | | 16.5 | 8.5 | 3.4 |
| 10 | 08 | 76 | 1250 | | .3 | | 10270 | | | 78700E+2 | 128. | 84. | | 18.5 | 10.8 | |
| 13 | 09 | 76 | 1040 | | .3 | | 10305 | | | 120. | 1. | 1. | | 15.0 | 9.2 | 0.8 |
| 12 | 10 | 76 | 1200 | | .3 | | 10345 | | | 700. | 1. | 1. | | 9.0 | 9.5 | 7.5 |

| | | | | | | |
|--------------------|----------|------|-------|------|------|------|
| MAXIMUM | 78700E+2 | 600. | 100. | 18.5 | 13.0 | 39.0 |
| AVG OR GEOM MN (*) | 76.* | 3.* | 2.* D | 9.0 | 10.3 | 7.8U |
| MINIMUM | 1. | 1. | 1. | 0.5 | 7.8 | 0.4 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 11 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1230 | | | .3 | | 0.007 | | | | | | | | | |
| 10 | 02 | 76 | 1200 | | | .3 | | 0.021 | | | | | | | 5.0 | | |
| 25 | 02 | 76 | 1230 | | | .3 | | 0.400 | | | | | | | 5.0 | | |
| 07 | 05 | 76 | 1020 | | | .3 | | | | | | | | | 50.0 | | |
| 11 | 05 | 76 | 1020 | | | .3 | | 0.005 | 0.001 | 0.020 | 0.220 | 0.002 | 0.060 | | | | |
| 17 | 05 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1035 | | | .3 | | 0.005 | | | | | | | | | |
| 07 | 06 | 76 | 1010 | | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1025 | | | .3 | | 0.070 | 0.014 | 0.070 | 0.640 | 0.006 | 0.010L | | 15.0 | | |
| 19 | 07 | 76 | 1730 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.170 | 0.002 | 0.140 | | | | |
| 10 | 08 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1040 | | | .3 | | 0.006 | 0.001 | 0.010 | 0.100 | 0.003 | 0.160 | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 0.010 | 0.003 | 0.010 | 0.140 | 0.005 | 0.060 | | 3.0 | | |

| | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|------|
| MAXIMUM | 0.400 | 0.014 | 0.070 | 0.640 | 0.006 | 0.160 | 50.0 |
| AVG OR GEOM MN (*) | 0.059 | 0.004 | 0.024 | 0.254 | 0.004 | 0.0860 | 15.6 |
| MINIMUM | 0.005 | 0.001 | 0.010 | 0.100 | 0.002 | 0.010 | 3.0 |
| NO OF SAMPLES | 9 | 5 | 5 | 5 | 5 | 5 | 5 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 206 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1230 | | | .3 | | 114 | 0.50 | | | | | | | | |
| 10 | 02 | 76 | 1200 | | | .3 | | 131 | 1.30 | | | | | | | | |
| 25 | 02 | 76 | 1230 | | | .3 | | 405 | 20.00 | | | | | | | | |
| 11 | 05 | 76 | 1020 | | | .3 | | 96 | 1.30 | 2.0 | | | | | | | |
| 25 | 05 | 76 | 1035 | | | .3 | | 98 | 1.60 | 3.0 | | | | | | | |
| 17 | 06 | 76 | 1025 | | | .3 | | 180 | 16.00 | 5.0 | | | | | | | |
| 19 | 07 | 76 | 1730 | | | .3 | | 98 | 0.35 | 2.0 | | | | | | | |
| 13 | 09 | 76 | 1040 | | | .3 | | 99 | 0.70 | 1.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 108 | 2.10 | 2.0 | | | | | | | |

| | | | | | | | |
|--------------------|-----|-------|-----|--|--|--|--|
| MAXIMUM | 405 | 20.00 | 5.0 | | | | |
| AVG OR GEOM MN (*) | 148 | 4.87 | 2.5 | | | | |
| MINIMUM | 96 | 0.35 | 1.0 | | | | |
| NO OF SAMPLES | 9 | 9 | 6 | | | | |

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: HIGHWAY NO 17 66 MILES SOUTH OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BF002

STATION ID: 01-0009-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
001
0410

STN NO 1 LAT LONG U.T.M. 16 0678200.0 5234175.0 4 REGION 05 MILEAGE 0.50

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1310 | | | .3 | | 16017 | | 785.00 | 2. | 0. | 0. | | 0.0 | 13.0 | 1.0 |
| 04 | 04 | 76 | 1615 | | | .3 | | 16053 | | 1200.00 | 8. | 0. | 0. | | 0.0 | 13.0 | 0.4 |
| 24 | 05 | 76 | 1105 | | | .3 | | 16065 | | 3590.00 | 6. | 0. | 0. | | 9.0 | 11.0 | 0.8 |
| 27 | 06 | 76 | 1200 | | | .3 | | 16082 | | 1330.00 | | | | | 11.0 | 10.0 | 0.4 |
| 05 | 08 | 76 | 1250 | | | .3 | | 16103 | | 1380.00 | 12. | 0. | | | 15.0 | 9.0 | 0.3 |
| 12 | 09 | 76 | 1305 | | | .3 | | 16124 | | 705.00 | 6. | 0. | 4. | | 15.0 | 10.0 | 0.2 |
| 24 | 10 | 76 | 1630 | | | .3 | | 16145 | | 455.00 | 2. | 0. | 4. | | 7.0 | 12.0 | 0.1 |
| 13 | 11 | 76 | 1400 | | | .3 | | 16166 | | 670.00 | 2. L | 2. L | 2. L | | 0.0 | 12.0 | 0.8 |
| 19 | 12 | 76 | 1310 | | | .3 | | 16206 | | 925.00 | 0. | 0. | | | 0.0 | | |

| | | | | | | | | |
|--------------------|--|---------|-------|-------|-------|------|------|-----|
| MAXIMUM | | 3590.00 | 12. | 2. | 4. | 15.0 | 13.0 | 1.0 |
| AVG OR GEOM MN (*) | | 1226.67 | 4.* D | 1.* D | 2.* D | 6.3 | 11.3 | 0.6 |
| MINIMUM | | 455.00 | 0. | 0. | 0. | 0.0 | 9.0 | 0.1 |
| NO OF SAMPLES | | 9 | 8 | 8 | 5 | 9 | 8 | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1310 | | | .3 | | 0.007 | 0.001L | 0.010L | 0.300 | 0.003 | 0.290 | | 1.0L | | 39 |
| 04 | 04 | 76 | 1615 | | | .3 | | 0.008 | 0.001 | 0.010 | 0.260 | 0.003 | 0.277 | | | | |
| 24 | 05 | 76 | 1105 | | | .3 | | 0.006 | 0.001 | 0.036 | 0.280 | 0.003 | 0.242 | 30.0 | 1.4 | | 29 |
| 27 | 06 | 76 | 1200 | | | .3 | | 0.007 | 0.001 | 0.022 | 0.290 | 0.003 | 0.217 | 37.0 | 0.5 | | 35 |
| 05 | 08 | 76 | 1250 | | | .3 | | 0.005 | 0.001 | 0.006 | 0.270 | 0.002 | 0.218 | 37.0 | 0.9 | | 36 |
| 12 | 09 | 76 | 1305 | | | .3 | | 0.023 | 0.014 | 0.012 | 0.270 | 0.003 | 0.167 | 40.0 | 1.1 | | 39 |
| 24 | 10 | 76 | 1630 | | | .3 | | 0.009 | 0.001 | 0.016 | 0.230 | 0.003 | 0.152 | 43.0 | 1.1 | | 42 |
| 13 | 11 | 76 | 1400 | | | .3 | | 0.004 | 0.002 | 0.020 | 0.190 | 0.003 | 0.137 | 40.0 | 0.9 | | 39 |
| 19 | 12 | 76 | 1310 | | | .3 | | 0.005 | 0.001 | 0.002 | 0.200 | 0.001 | 0.159 | 39. | 0.4 | | 39 |

| | | | | | | | | | |
|--------------------|-------|--------|--------|-------|-------|-------|------|------|----|
| MAXIMUM | 0.023 | 0.014 | 0.036 | 0.300 | 0.003 | 0.290 | 43.0 | 1.4 | 42 |
| AVG OR GEOM MN (*) | 0.008 | 0.003D | 0.0160 | 0.254 | 0.003 | 0.207 | 38.0 | 0.9D | 37 |
| MINIMUM | 0.004 | 0.001 | 0.002 | 0.190 | 0.001 | 0.137 | 30.0 | 0.4 | 29 |
| NO OF SAMPLES | 9 | 9 | 8 | 9 | 9 | 9 | 7 | 8 | 8 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1310 | | | .3 | | 57 | 0.70 | 1.0 | | 2.40 | | | 6.90 | | |
| 04 | 04 | 76 | 1615 | | | .3 | | 75 | 0.70 | 1.1 | | | | | | | |
| 24 | 05 | 76 | 1105 | | | .3 | | 47 | 0.75 | 0.9 | 6.5 | 2.30 | | | 7.40 | | 0.140 |
| 27 | 06 | 76 | 1200 | | | .3 | | 55 | 0.75 | 0.5 | 7.0 | 2.10 | | | 7.04 | | 0.120 |
| 05 | 08 | 76 | 1250 | | | .3 | | 54 | 0.85 | 0.5 | 6.0 | 1.95 | | | 7.23 | | 0.130 |
| 12 | 09 | 76 | 1305 | | | .3 | | 60 | 0.90 | 0.6 | 6.0 | 2.00 | | | 7.72 | | 0.160 |
| 24 | 10 | 76 | 1630 | | | .3 | | 64 | 0.80 | 0.5 | 6.0 | 1.85 | | | 7.00 | | 0.140 |
| 13 | 11 | 76 | 1400 | | | .3 | | 60 | 1.40 | 0.5 | 6.0 | 1.85 | | | 7.35 | | 0.130 |
| 19 | 12 | 76 | 1310 | | | .3 | | 59 | 0.4 | 0.4 | 6.0 | 2.05 | | | 7.28 | | 0.10 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|-----|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 75 | 1.40 | 1.1 | 7.0 | 2.40 | | | 7.72 | | 0.160 |
| AVG OR GEOM MN (*) | | | | | | | | 59 | 0.81 | 0.7 | 6.2 | 2.06 | | | 7.24 | | 0.131 |
| MINIMUM | | | | | | | | 47 | 0.4 | 0.4 | 6.0 | 1.85 | | | 6.90 | | 0.10 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 7 | 8 | | | 8 | | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 | 01 | 76 | 1310 | | | .3 | | 1.0L | | | | | | | | | |
| 04 | 04 | 76 | 1615 | | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 1105 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 06 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 05 | 08 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | | | |
| 12 | 09 | 76 | 1305 | | | .3 | | 1.0L | | | | | | | | | |
| 24 | 10 | 76 | 1630 | | | .3 | | 1.0 | | | | | | | | | |
| 13 | 11 | 76 | 1400 | | | .3 | | 2.0 | | | | | | | | | |
| 19 | 12 | 76 | 1310 | | | .3 | | 1. | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|---|--|----|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 9 | | 20 |
| AVG OR GEOM MN (*) | | | | | | | | 1.1D | | | | | | | 8 | | 19 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 6 | | 18 |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 7 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1400 | | | .3 | | 0.001 | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--|--------|--------|--------|--------|--------|--|--------|
| MAXIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001 | 0.020D | | 0.010D | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: AGAWA RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0012-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: AGAWA RIVER

STORET CODE: 02
001
0470

| STN NO | 1 | LAT | LONG | U.T.M. | 16 0678450.0 5247525.0 4 | REGION 05 | MILEAGE | 0.60 |
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY 80D MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1400 | | | .3 | | 16018 | | | 6. | 0. | 2. | | 0.0 | 12.0 | 1.0 |
| 04 | 04 | 76 | 1700 | | | .3 | | 16054 | | | 44. | 0. | 0. | | 0.0 | 13.0 | 5.6 |
| 24 | 05 | 76 | 1145 | | | .3 | | 16066 | | | 10. | 0. | | | 12.0 | 12.0 | 0.4 |
| 27 | 06 | 76 | 1300 | | | .3 | | 16083 | | | | | | | 20.0 | 8.0 | 0.5 |
| 05 | 08 | 76 | 1330 | | | .3 | | 16104 | | | 18. | 16. | | | 20.0 | 9.0 | 0.2 |
| 12 | 09 | 76 | 1400 | | | .3 | | 16125 | | | 4. | 0. | 26. | | 16.0 | 10.0 | 0.1 |
| 24 | 10 | 76 | 1715 | | | .3 | | 16146 | | | 0. | 0. | 0. | | 2.0 | 13.0 | 0.1 |
| 13 | 11 | 76 | 1500 | | | .3 | | 16167 | | | 2. L | 2. L | 2. L | | 0.0 | 12.0 | 1.0 |
| 19 | 12 | 76 | 1425 | | | .3 | | 16207 | | | 2. | 0. | | | 0.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 44. | 16. | 26. | | 20.0 | 13.0 | 5.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 5.* D | 2.* D | 3.* D | | 7.8 | 11.1 | 1.2 |
| MINIMUM | | | | | | | | | | | 0. | 0. | 0. | | 0.0 | 8.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 8 | 5 | | 9 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA NG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1400 | | | .3 | | 0.006 | 0.001L | 0.010 | 0.310 | 0.002 | 0.440 | 40.0 | 1.0 | | 39 |
| 04 | 04 | 76 | 1700 | | | .3 | | 0.010 | 0.001L | 0.030 | 0.350 | 0.003 | 0.727 | | | | |
| 24 | 05 | 76 | 1145 | | | .3 | | 0.008 | 0.001 | 0.022 | 0.220 | 0.002 | 0.283 | 26.0 | 1.0L | | 26 |
| 27 | 06 | 76 | 1300 | | | .3 | | 0.008 | 0.001 | 0.006 | 0.290 | 0.002 | 0.163 | 34.0 | 0.7 | | 33 |
| 05 | 08 | 76 | 1330 | | | .3 | | 0.037 | 0.026 | 0.004 | 0.190 | 0.002 | 0.158 | 42.0 | 0.4 | | 42 |
| 12 | 09 | 76 | 1400 | | | .3 | | 0.003 | 0.001 | 0.004 | 0.140 | 0.001 | 0.174 | 56.0 | 0.8 | | 55 |
| 24 | 10 | 76 | 1715 | | | .3 | | 0.005 | 0.001 | 0.004 | 0.150 | 0.001 | 0.154 | 43.0 | 1.2 | | 42 |
| 13 | 11 | 76 | 1500 | | | .3 | | 0.004 | 0.002 | 0.006 | 0.090 | 0.001 | 0.179 | 42.0 | 0.4 | | 42 |
| 19 | 12 | 76 | 1425 | | | .3 | | 0.014 | 0.001 | 0.002 | 0.180 | 0.001 | 0.199 | 44. | 2.1 | | 42 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|------|------|--|----|
| MAXIMUM | | | | | | | | 0.037 | 0.026 | 0.030 | 0.350 | 0.003 | 0.727 | 56.0 | 2.1 | | 55 |
| AVG OR GEOM MN (*) | | | | | | | | 0.011 | 0.004D | 0.010 | 0.213 | 0.002 | 0.275 | 40.9 | 1.0D | | 40 |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.002 | 0.090 | 0.001 | 0.154 | 26.0 | 0.4 | | 26 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1400 | | | .3 | | 58 | 0.80 | 1.4 | | 3.70 | | | 6.50 | | |
| 04 | 04 | 76 | 1700 | | | .3 | | 40 | 0.80 | 0.6 | | | | | | | |
| 24 | 05 | 76 | 1145 | | | .3 | | 39 | 0.45 | 0.6 | 6.5 | 2.20 | | | 7.06 | | 0.030 |
| 27 | 06 | 76 | 1300 | | | .3 | | 52 | 0.60 | 0.7 | 7.0 | 1.95 | | | 7.41 | | 0.040 |
| 05 | 08 | 76 | 1330 | | | .3 | | 67 | 1.20 | 0.8 | 5.5 | 2.45 | | | 7.45 | | 0.030 |
| 12 | 09 | 76 | 1400 | | | .3 | | 84 | 0.40 | 1.2 | 7.0 | 2.95 | | | 7.42 | | 0.020 |
| 24 | 10 | 76 | 1715 | | | .3 | | 66 | 0.80 | 0.9 | 6.5 | 2.80 | | | 7.10 | | 0.040 |
| 13 | 11 | 76 | 1500 | | | .3 | | 66 | 1.20 | 1.1 | 6.5 | 2.95 | | | 7.41 | | 0.050 |
| 19 | 12 | 76 | 1425 | | | .3 | | 66 | 0.8 | 1.1 | 7.0 | 3.10 | | | 7.11 | | 0.10 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|----|------|-----|-----|------|--|--|------|--|-------|
| | | | | | | | | 84 | 1.20 | 1.4 | 7.0 | 3.70 | | | 7.45 | | 0.10 |
| | | | | | | | | 60 | 0.78 | 0.9 | 6.6 | 2.76 | | | 7.18 | | 0.044 |
| | | | | | | | | 39 | 0.40 | 0.6 | 5.5 | 1.95 | | | 6.50 | | 0.020 |
| | | | | | | | | 9 | 9 | 9 | 7 | 8 | | | 8 | | 7 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 18 | 01 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | | | |
| 04 | 04 | 76 | 1700 | | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 1145 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 06 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | | |
| 05 | 08 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | | | |
| 12 | 09 | 76 | 1400 | | | .3 | | 1.0 | | | | | | | | | |
| 24 | 10 | 76 | 1715 | | | .3 | | 1.0 | | | | | | | | | |
| 13 | 11 | 76 | 1500 | | | .3 | | 8.0 | | | | | | | | | |
| 19 | 12 | 76 | 1425 | | | .3 | | 2. | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|---|--|-----|
| | | | | | | | | 8.0 | | | | | | | 6 | | 18 |
| | | | | | | | | 2.00 | | | | | | | 4 | | 140 |
| | | | | | | | | 1.0 | | | | | | | 1 | | 10 |
| | | | | | | | | 8 | | | | | | | 7 | | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1500 | | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------|--------|--|--------|--------|--------|--------|--------|--|--------|
| | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | | | | | | 0.0010 | 0.0200 | | 0.0100 | 0.0100 | 0.0100 | 0.0050 | 0.0100 | | 0.0100 |
| | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: MICHIPICOTEN RIVER
SAMPLE POINT: HIGHWAY 17 5 MILES SOUTH OF WAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BD002

STATION ID: 01-0029-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MICHIPICOTEN RIVER

STORET CODE: 02
001
0900

| STN NO | 1 | LAT | LONG | U.T.M. 16 | 0664000.0 | 5309800.0 | 4 | REGION 05 | MI | 0.00 | 0.00 | 0.00 |
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|----|------|------|------|
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|----|------|------|------|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 05 | 76 | 1300 | | | .3 | | 16067 | | 3140.00 | 50. | 0. | | | 10.0 | 11.0 | 0.4 |
| 27 | 06 | 76 | 1400 | | | .3 | | 16084 | | 2500.00 | | | | | 15.0 | 10.0 | 0.4 |
| 05 | 08 | 76 | 1430 | | | .3 | | 16105 | | 2440.00 | 32. | 0. | | | 19.0 | 9.0 | 0.4 |
| 12 | 09 | 76 | 1500 | | | .3 | | 16126 | | 1240.00 | 16. | 0. | 10. | | 17.0 | 9.0 | 0.6 |
| 24 | 10 | 76 | 1810 | | | .3 | | 16147 | | 591.00 | 6. | 2. | 0. | | 6.0 | 13.0 | 0.2 |
| 13 | 11 | 76 | 1600 | | | .3 | | 16168 | | 858.00 | 2. | 2. | 2. L | | 2.0 | 12.0 | 0.5 |
| 19 | 12 | 76 | 1530 | | | .3 | | 16208 | | 439.00 | 2. | 0. | | | 0.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|---------|-----|-----|-------|--|------|------|-----|
| | | | | | | | | | | 3140.00 | 50. | 2. | 10. | | 19.0 | 13.0 | 0.6 |
| | | | | | | | | | | 1601.14 | 9.* | 1.* | 3.* D | | 9.9 | 10.7 | 0.4 |
| | | | | | | | | | | 439.00 | 2. | 0. | 0. | | 0.0 | 9.0 | 0.2 |
| | | | | | | | | | | 7 | 6 | 6 | 3 | | 7 | 6 | 6 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 05 | 76 | 1300 | | | .3 | | 0.009 | 0.001 | 0.020 | 0.280 | 0.002 | 0.108 | 40.0 | 1.0L | | 39 |
| 27 | 06 | 76 | 1400 | | | .3 | | 0.006 | 0.001 | 0.008 | 0.230 | 0.002 | 0.103 | 47.0 | 0.9 | | 46 |
| 05 | 08 | 76 | 1430 | | | .3 | | 0.003 | 0.001 | 0.002L | 0.220 | 0.002 | 0.048 | 50.0 | 1.2 | | 49 |
| 12 | 09 | 76 | 1500 | | | .3 | | 0.006 | 0.001 | 0.020 | 0.270 | 0.001 | 0.039 | 61.0 | 1.7 | | 59 |
| 24 | 10 | 76 | 1810 | | | .3 | | 0.003 | 0.001 | 0.004 | 0.190 | 0.002 | 0.038 | 56.0 | 1.0 | | 55 |
| 13 | 11 | 76 | 1600 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.130 | 0.002 | 0.038 | 56.0 | 1.2 | | 55 |
| 19 | 12 | 76 | 1530 | | | .3 | | 0.005 | 0.001 | 0.002 | 0.160 | 0.001 | 0.059 | 59. | 0.4 | | 59 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|------|------|--|----|
| | | | | | | | | 0.010 | 0.001 | 0.020 | 0.280 | 0.002 | 0.108 | 61.0 | 1.7 | | 59 |
| | | | | | | | | 0.006 | 0.001 | 0.0090 | 0.211 | 0.002 | 0.062 | 52.7 | 1.10 | | 52 |
| | | | | | | | | 0.003 | 0.001 | 0.002 | 0.130 | 0.001 | 0.038 | 40.0 | 0.4 | | 39 |
| | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 05 | 76 | 1300 | | .3 | | 60 | 0.60 | 0.7 | 7.0 | 2.10 | | | 7.47 | | 0.050 |
| 27 | 06 | 76 | 1400 | | .3 | | 71 | 0.70 | 0.5 | 8.5 | 1.95 | | | 7.58 | | 0.010 |
| 05 | 08 | 76 | 1430 | | .3 | | 74 | 1.10 | 0.5 | 7.0 | 1.65 | | | 7.68 | | 0.050 |
| 12 | 09 | 76 | 1500 | | .3 | | 88 | 0.90 | 0.9 | 8.5 | 1.70 | | | 7.82 | | 0.070 |
| 24 | 10 | 76 | 1810 | | .3 | | 86 | 0.80 | 0.4 | 8.5 | 1.60 | | | 7.83 | | 0.060 |
| 13 | 11 | 76 | 1600 | | .3 | | 86 | 0.90 | 0.5 | 9.0 | 1.60 | | | 7.99 | | 0.100 |
| 19 | 12 | 76 | 1530 | | .3 | | 92 | 0.4 | 0.5 | 9.0 | 1.95 | | | 7.35 | | 0.04 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|----|------|-----|-----|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | 92 | 1.10 | 0.9 | 9.0 | 2.10 | | | 7.99 | | 0.100 |
| AVG OR GEOM MN (*) | | | | | | | 80 | 0.77 | 0.6 | 8.2 | 1.79 | | | 7.67 | | 0.059 |
| MINIMUM | | | | | | | 60 | 0.4 | 0.4 | 7.0 | 1.60 | | | 7.35 | | 0.040 |
| NO OF SAMPLES | | | | | | | 7 | 7 | 7 | 7 | 7 | | | 7 | | 7 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 05 | 76 | 1300 | | .3 | | 1.0L | | | | | | | 7 | | |
| 27 | 06 | 76 | 1400 | | .3 | | 1.0L | | | | | | | 4 | | |
| 05 | 08 | 76 | 1430 | | .3 | | 1.0L | | | | | | | 6 | 18 | |
| 12 | 09 | 76 | 1500 | | .3 | | 1.0 | | | | | | | 6 | | |
| 24 | 10 | 76 | 1810 | | .3 | | 1.0L | | | | | | | 5 | | |
| 13 | 11 | 76 | 1600 | | .3 | | 4.0 | | | | | | | 3 | | |
| 19 | 12 | 76 | 1530 | | .3 | | 2. | | | | | | | 7 | 26 | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|---|--|----|
| MAXIMUM | | | | | | | 4.0 | | | | | | | 7 | | 26 |
| AVG OR GEOM MN (*) | | | | | | | 1.60 | | | | | | | 5 | | 22 |
| MINIMUM | | | | | | | 1.0 | | | | | | | 3 | | 18 |
| NO OF SAMPLES | | | | | | | 7 | | | | | | | 7 | | 2 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 240 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 236 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1600 | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.020D | | 0.010D | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: MAGPIE RIVER
SAMPLE POINT: HIGHWAY 17 1 MILE WEST OF MAWA
STATION TYPE: RIVER FLOW GAUGE FED 02BD003

STATION ID: 01-0029-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MAGPIE RIVER

STORET CODE: 02
0C1
0920

STN NO 2 LAT LONG U.T.M. 16 0664500.0 5316325.0 4 REGION 05 MILEAGE 7.90

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 24 | 05 | 76 | 1400 | | .3 | | 16070 | | 1250.00 | 8. | 0. | | | 10.0 | 11.0 | 0.6 |
| 27 | 06 | 76 | 1530 | | .3 | | 16087 | | 409.00 | | | | | 20.0 | 10.0 | 0.4 |
| 05 | 08 | 76 | 1540 | | .3 | | 16108 | | 153.00 | 104. | 44. | | | 19.0 | 9.0 | 0.4 |
| 12 | 09 | 76 | 1640 | | .3 | | 16129 | | 78.10 | 38. | 10. | 10. | | 13.0 | 9.0 | |
| 13 | 11 | 76 | 1720 | | .3 | | 16171 | | 115.00 | 3100. | 400. | 60. | | 0.0 | 13.0 | 4.7 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|---------|-------|------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | 1250.00 | 3100. | 400. | 60. | | 20.0 | 13.0 | 4.7 |
| AVG OR GEOM MN (*) | | | | | | | | | 401.02 | 99.* | 20.* | 24.* | | 12.4 | 10.4 | 1.5 |
| MINIMUM | | | | | | | | | 78.10 | 8. | 0. | 10. | | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 5 | 4 | 4 | 2 | | 5 | 5 | 4 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 05 | 76 | 1400 | | .3 | | 0.009 | 0.002 | 0.016 | 0.250 | 0.002 | 0.053 | | | | |
| 27 | 06 | 76 | 1530 | | .3 | | 0.014 | 0.001 | 0.012 | 0.280 | 0.002 | 0.058 | 70.0 | 1.8 | | |
| 05 | 08 | 76 | 1540 | | .3 | | 0.004 | 0.001 | 0.024 | 0.220 | 0.002 | 0.153 | 102.0 | 1.4 | | |
| 12 | 09 | 76 | 1640 | | .3 | | | | | | | | | | | |
| 13 | 11 | 76 | 1720 | | .3 | | 1.130 | 0.900 | 3.340 | 5.200 | 0.014 | 0.221 | 200.0 | 8.0 | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|-----|--|--|
| MAXIMUM | | | | | | | 1.130 | 0.900 | 3.340 | 5.200 | 0.014 | 0.221 | 200.0 | 8.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.289 | 0.226 | 0.848 | 1.488 | 0.005 | 0.121 | 124.0 | 3.7 | | |
| MINIMUM | | | | | | | 0.004 | 0.001 | 0.012 | 0.220 | 0.002 | 0.053 | 70.0 | 1.4 | | |
| NO OF SAMPLES | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 05 | 76 | 1400 | | | .3 | | 105 | 1.20 | 0.8 | | | | | | | |
| 27 | 06 | 76 | 1530 | | | .3 | | 155 | 1.40 | 1.0 | | | | | | | |
| 05 | 08 | 76 | 1540 | | | .3 | | 203 | 1.10 | 1.4 | | | 10.0 | 65 | 8.10 | | 0.040 |
| 13 | 11 | 76 | 1720 | | | .3 | | 295 | 3.20 | 9.6 | | | 7.0 | 88 | 7.72 | | 0.280 |
| MAXIMUM | | | | | | | | 295 | 3.20 | 9.6 | | | 10.0 | 88 | 8.10 | | 0.280 |
| AVG OR GEOM MN (*) | | | | | | | | 190 | 1.73 | 3.2 | | | 8.5 | 77 | 7.91 | | 0.160 |
| MINIMUM | | | | | | | | 105 | 1.10 | 0.8 | | | 7.0 | 65 | 7.72 | | 0.040 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | 2 | 2 | 2 | | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 05 | 76 | 1400 | | | .3 | | 1.0 | | | | | | | | | |
| 27 | 06 | 76 | 1530 | | | .3 | | 1.0L | | | | | | | | | |
| 05 | 08 | 76 | 1540 | | | .3 | | 2.0 | 102.0 | 30.00 | 6.50 | 10 | | | | | |
| 13 | 11 | 76 | 1720 | | | .3 | | 2.0 | 104.0 | 31.00 | 6.50 | 50 | | | | | |
| MAXIMUM | | | | | | | | 2.0 | 104.0 | 31.00 | 6.50 | 50 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.50 | 103.0 | 30.50 | 6.50 | 30 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 102.0 | 30.00 | 6.50 | 10 | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 2 | 2 | 2 | 2 | | | | | |

B.O.W. / SITE: WAWA CREEK

SAMPLE POINT: HIGHWAY 17 3 MILES SOUTH OF WAWA

STATION TYPE: RIVER

STATION ID: 01-0029-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WAWA CREEK

STORET CODE: 02
001
0910

STN NO 3 LAT LONG U.T.M. 16 0663500.0 5311475.0 4 REGION 05 MILEAGE 2.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 05 | 76 | 1530 | | | .3 | | 16069 | | | 6. | 0. | | | 11.0 | 11.0 | 0.4 |
| 27 | 06 | 76 | 1500 | | | .3 | | 16086 | | | | | | | 15.0 | 9.0 | 0.4 |
| 05 | 08 | 76 | 1515 | | | .3 | | 16107 | | | 36. | 10. | | | 17.0 | 9.0 | 0.4 |
| 12 | 09 | 76 | 1620 | | | .3 | | 16128 | | | 32. | 2. | 126. | | 11.0 | 9.0 | |
| 13 | 11 | 76 | 1700 | | | .3 | | 16170 | | | 10. | 2. L | 34. | | 0.0 | 11.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | 36. | 10. | 126. | | 17.0 | 11.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 16.* | 3.* D | 65.* | | 10.8 | 9.8 | 0.6 |
| MINIMUM | | | | | | | | | | | 6. | 0. | 34. | | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 2 | | 5 | 5 | 4 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 05 | 76 | 1530 | | | .3 | | 0.023 | 0.005 | 0.010 | 0.180 | 0.001 | 0.054 | 112.0 | 11.0 | | |
| 27 | 06 | 76 | 1500 | | | .3 | | 0.005 | 0.003 | 0.022 | 0.250 | 0.014 | 0.091 | 118.0 | 1.1 | | |
| 05 | 08 | 76 | 1515 | | | .3 | | 0.004 | 0.002 | 0.010 | 0.150 | 0.002 | 0.088 | | | | |
| 12 | 09 | 76 | 1620 | | | .3 | | | | | | | | | | | |
| 13 | 11 | 76 | 1700 | | | .3 | | 0.001 | 0.001 | 0.008 | 0.090 | 0.001 | 0.104 | 127.0 | 0.4 | | |
| MAXIMUM | | | | | | | | 0.023 | 0.005 | 0.022 | 0.250 | 0.014 | 0.104 | 127.0 | 11.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.008 | 0.003 | 0.013 | 0.168 | 0.005 | 0.084 | 119.0 | 4.2 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.008 | 0.090 | 0.001 | 0.054 | 112.0 | 0.4 | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 05 | 76 | 1530 | | | .3 | | 155 | 2.30 | 3.8 | | | | | | | |
| 27 | 06 | 76 | 1500 | | | .3 | | 180 | 0.80 | 5.1 | | | | | | | |
| 05 | 08 | 76 | 1515 | | | .3 | | 211 | 0.90 | 7.6 | | | 5.0 | 75 | 8.26 | | 0.030 |
| 13 | 11 | 76 | 1700 | | | .3 | | 195 | 0.80 | 7.0 | | | 2.6 | 70 | 7.95 | | 0.060 |
| MAXIMUM | | | | | | | | 211 | 2.30 | 7.6 | | | 5.0 | 75 | 8.26 | | 0.060 |
| AVG OR GEOM MN (*) | | | | | | | | 185 | 1.20 | 5.9 | | | 3.8 | 73 | 8.11 | | 0.045 |
| MINIMUM | | | | | | | | 155 | 0.80 | 3.8 | | | 2.6 | 70 | 7.95 | | 0.030 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | 2 | 2 | 2 | | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 05 | 76 | 1530 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 06 | 76 | 1500 | | | .3 | | 1.0L | | | | | | | | | |
| 05 | 08 | 76 | 1515 | | | .3 | | 190.0 | 102.0 | 30.00 | 6.50 | 10 | | | | | |
| 13 | 11 | 76 | 1700 | | | .3 | | 1.0L | 87.0 | 25.00 | 6.00 | 10 | | | | | |
| MAXIMUM | | | | | | | | 190.0 | 102.0 | 30.00 | 6.50 | 10 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 48.30 | 94.5 | 27.50 | 6.25 | 10 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 87.0 | 25.00 | 6.00 | 10 | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 2 | 2 | 2 | 2 | | | | | |

B.O.W. / SITE: WAWA CREEK
SAMPLE POINT: HIGHWAY 101 WAWA
STATION TYPE: RIVER

STATION ID: 01-0029-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WAWA CREEK

STORET CODE: 02
001
0910

| STN NO | 4 | LAT | LONG | U.T.M. 16 0666775.0 5317475.0 4 | REGION 05 | MILEAGE | 8.50 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 05 76 1445 | | | .3 | | 16071 | | | 0. | 0. | | | 10.0 | 12.0 | 0.2 |
| 27 06 76 1600 | | | .3 | | 16088 | | | | | | | 20.0 | 10.0 | 0.2 |
| 05 08 76 1615 | | | .3 | | 16109 | | | 500. | 480. | | | 18.0 | 10.0 | 0.5 |
| 12 09 76 1715 | | | .3 | | 16130 | | | 500. | 140. | 36. | | 11.0 | 10.0 | |
| MAXIMUM | | | | | | | | 500. | 480. | 36. | | 20.0 | 12.0 | 0.6 |
| AVG OR GEOM MN (*) | | | | | | | | 63.* | 41.* | 36.* | | 14.8 | 10.5 | 0.3 |
| MINIMUM | | | | | | | | 0. | 0. | 36. | | 10.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 1 | | 4 | 4 | 3 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 05 76 1445 | | | .3 | | 0.008 | 0.001 | 0.014 | 0.130 | 0.002 | 0.053 | 106.0 | 2.4 | | |
| 27 06 76 1600 | | | .3 | | 0.004 | 0.002 | 0.008 | 0.150 | 0.002 | 0.028 | 105.0 | 0.8 | | |
| 05 08 76 1615 | | | .3 | | 0.008 | 0.001 | 0.008 | 0.240 | 0.001 | 0.009 | 122.0 | 15.0 | | |
| 12 09 76 1715 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 0.008 | 0.002 | 0.014 | 0.240 | 0.002 | 0.053 | 122.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.007 | 0.001 | 0.010 | 0.173 | 0.002 | 0.030 | 111.0 | 6.1 | | |
| MINIMUM | | | | | 0.004 | 0.001 | 0.008 | 0.130 | 0.001 | 0.009 | 105.0 | 0.8 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 05 76 1445 | | | .3 | | 160 | 1.40 | 3.5 | | | | | | | |
| 27 06 76 1600 | | | .3 | | 160 | 0.80 | 3.5 | | | | | | | |
| 05 08 76 1615 | | | .3 | | 165 | 4.40 | 3.4 | | | 10.0 | 45 | 8.10 | | 0.390 |
| MAXIMUM | | | | | 165 | 4.40 | 3.5 | | | 10.0 | 45 | 8.10 | | 0.390 |
| AVG OR GEOM MN (*) | | | | | 162 | 2.20 | 3.5 | | | 10.0 | 45 | 8.10 | | 0.390 |
| MINIMUM | | | | | 160 | 0.80 | 3.4 | | | 10.0 | 45 | 8.10 | | 0.390 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | | | 1 | 1 | 1 | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 24 05 76 1445 | | | .3 | | 1.0L | | | | | | | | | |
| 27 06 76 1600 | | | .3 | | 1.0L | | | | | | | | | |
| 05 08 76 1615 | | | .3 | | 1.0 | 76.0 | 23.00 | 4.50 | 5 | | | | | |
| MAXIMUM | | | | | 1.0 | 76.0 | 23.00 | 4.50 | 5 | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.0D | 76.0 | 23.00 | 4.50 | 5 | | | | | |
| MINIMUM | | | | | 1.0 | 76.0 | 23.00 | 4.50 | 5 | | | | | |
| NO OF SAMPLES | | | | | 3 | 1 | 1 | 1 | 1 | | | | | |

B.O.W. / SITE: MAGPIE RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM FROM MISSION FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02BD003

STATION ID: 01-0029-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MAGPIE RIVER

STORET CODE: 02
001
0920

| STN NO | 5 | LAT | LONG | U.T.M. 16 0662100.0 5311600.0 4 | REGION 05 | MILEAGE | 1.30 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 05 76 1350 | | | .3 | | 16068 | | 1250.00 | 26. | 6. | | | 10.0 | 12.0 | 1.0 |
| 27 06 76 1415 | | | .3 | | 16085 | | 409.00 | | | | | 18.0 | 9.0 | 0.4 |
| 05 08 76 1450 | | | .3 | | 16106 | | 153.00 | 40. | 18. | | | 19.0 | 10.0 | 0.4 |
| 12 09 76 1600 | | | .3 | | 16127 | | 78.10 | 12. | 0. | 2. | L | 15.0 | 10.0 | 0.4 |
| 24 10 76 1820 | | | .3 | | 16148 | | 110.00 | 50. | 2. | 24. | | 3.0 | 12.0 | 0.3 |
| 13 11 76 1645 | | | .3 | | 16169 | | 115.00 | 200. | 20. | 2. | | 0.0 | 12.0 | 0.7 |
| 19 12 76 1610 | | | .3 | | 16209 | | 200.00 | 600. | 400. | | | 0.0 | | |
| MAXIMUM | | | | | | | 1250.00 | 600. | 400. | 24. | | 19.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | 330.73 | 65.* | 11.* | 5.* | D | 9.3 | 10.8 | 0.5 |
| MINIMUM | | | | | | | 78.10 | 12. | 0. | 2. | | 0.0 | 9.0 | 0.3 |
| NO OF SAMPLES | | | | | | | 7 | 6 | 6 | 3 | | 7 | 6 | 6 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL O-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 05 | 76 | 1350 | | | .3 | | 0.006 | 0.001 | 0.024 | 0.270 | 0.002 | 0.053 | 71.0 | 2.6 | | 68 |
| 27 | 06 | 76 | 1415 | | | .3 | | 0.016 | 0.001L | 0.006 | 0.250 | 0.001 | 0.074 | 119.0 | 7.9 | | 111 |
| 05 | 08 | 76 | 1450 | | | .3 | | 0.002 | 0.002 | 0.012 | 0.220 | 0.002 | 0.118 | 128.0 | 0.5 | | 127 |
| 12 | 09 | 76 | 1600 | | | .3 | | 0.004 | 0.002 | 0.024 | 0.220 | 0.003 | 0.242 | 177.0 | 1.4 | | 176 |
| 24 | 10 | 76 | 1820 | | | .3 | | 0.031 | 0.020 | 0.074 | 0.310 | 0.005 | 0.350 | 164.0 | 0.8 | | 163 |
| 13 | 11 | 76 | 1645 | | | .3 | | 0.069 | 0.034 | 0.154 | 0.410 | 0.004 | 0.191 | 148.0 | 2.1 | | 145 |
| 19 | 12 | 76 | 1610 | | | .3 | | 0.010 | 0.004 | 0.032 | 0.200 | 0.014 | 0.141 | 134. | 1.2 | | 133 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|-------|-----|--|-----|
| MAXIMUM | | | | | | | | 0.069 | 0.034 | 0.154 | 0.410 | 0.014 | 0.350 | 177.0 | 7.9 | | 176 |
| AVG OR GEOM MN (*) | | | | | | | | 0.020 | 0.0090 | 0.047 | 0.269 | 0.004 | 0.167 | 134.4 | 2.4 | | 132 |
| MINIMUM | | | | | | | | 0.002 | 0.001 | 0.006 | 0.200 | 0.001 | 0.053 | 71.0 | 0.5 | | 68 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 05 | 76 | 1350 | | | .3 | | 105 | 0.75 | 1.0 | 11.0 | 1.75 | | | 7.74 | | 0.090 |
| 27 | 06 | 76 | 1415 | | | .3 | | 170 | 1.60 | 3.9 | 20.5 | 1.70 | | | 7.83 | | 0.150 |
| 05 | 08 | 76 | 1450 | | | .3 | | 197 | 0.90 | 1.9 | 30.5 | 1.60 | | | 8.16 | | 0.080 |
| 12 | 09 | 76 | 1600 | | | .3 | | 270 | 0.92 | 3.3 | 48.0 | 2.05 | | | 8.55 | | 0.060 |
| 24 | 10 | 76 | 1820 | | | .3 | | 250 | 1.00 | 3.6 | 49.0 | 1.75 | | | 8.05 | | 0.100 |
| 13 | 11 | 76 | 1645 | | | .3 | | 225 | 1.00 | 2.7 | 37.0 | 1.70 | | | 7.68 | | 0.090 |
| 19 | 12 | 76 | 1610 | | | .3 | | 205 | 0.7 | 1.6 | 24.5 | 2.45 | | | 7.61 | | 0.05 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 270 | 1.60 | 3.9 | 49.0 | 2.45 | | | 8.55 | | 0.150 |
| AVG OR GEOM MN (*) | | | | | | | | 203 | 0.98 | 2.6 | 31.5 | 1.86 | | | 7.95 | | 0.089 |
| MINIMUM | | | | | | | | 105 | 0.7 | 1.0 | 11.0 | 1.60 | | | 7.61 | | 0.05 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | | | 7 | | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | * 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|------------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 05 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | 8 | | |
| 27 | 06 | 76 | 1415 | | | .3 | | 1.0L | | | | | | | 4 | 18 | |
| 05 | 08 | 76 | 1450 | | | .3 | | 1.0L | | | | | | | 6 | | |
| 12 | 09 | 76 | 1600 | | | .3 | | 1.0L | | | | | | | 4 | | |
| 24 | 10 | 76 | 1820 | | | .3 | | 1.0L | | | | | | | 4 | | |
| 13 | 11 | 76 | 1645 | | | .3 | | 1.0 | | | | | | | 5 | | |
| 19 | 12 | 76 | 1610 | | | .3 | | 1. L | | | | | | | 9 | 18 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|---|----|--|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | 9 | 18 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | | | | | | | 6 | 18 | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 4 | 18 | |
| NO OF SAMPLES | | | | | | | | 7 | | | | | | | 7 | 2 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1645 | | | .3 | | 0.002 | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002 | 0.0200 | | 0.0100 | 0.0100 | 0.0100 | 0.0050 | 0.0100 | | 0.0100 |
| MINIMUM | | | | | | | | 0.002 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W. / SITE: WHITE RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0057-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: WHITE RIVER

STORET CODE: 02
001
2190

STN NO 1 LAT LONG U.T.M. 16 0600980.0 5390400.0 4 REGION 06 MILEAGE 48.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 03 | 76 | 1700 | | | .3 | | 10072 | 4 | | 120. | 12. | 1. | | 0.8 | 13.5 | 1.6 |
| 21 | 04 | 76 | 1240 | | | .3 | | 10118 | 3 | | 156. | 1. | 1. | | 2.5 | 14.0 | 1.2 |
| 26 | 04 | 76 | 1520 | | | .3 | | 10128 | 3 | | 52. | 1. | 1. | | 5.0 | 13.8 | 0.8 |
| 18 | 05 | 76 | 1500 | | | .3 | | 10183 | | | 180. | 4. | 1. | | 9.0 | 12.2 | 0.6 |
| 22 | 06 | 76 | 1540 | | | .3 | | 10230 | | | 44. | 1. | 8. | | 19.0 | 9.5 | 2.0 |
| 10 | 08 | 76 | 1440 | | | .3 | | 10291 | 6 | | 28. | 4. | 8. | | 18.5 | 8.8 | |
| 21 | 09 | 76 | 1630 | | | .3 | | 10333 | 6 | | 20. | 4. | 8. | | 11.5 | 9.2 | 0.6 |
| 19 | 10 | 76 | 1315 | | | .3 | | 10367 | 6 | | | | | | 3.0 | 13.0 | 0.6 |
| 22 | 11 | 76 | 1630 | | | .3 | | 10395 | 4 | | | | | | | | |
| 14 | 12 | 76 | 0800 | | | .3 | | 10430 | 4 | | 28. | 8. | 1. | | 0.0 | 13.0 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|------|-----|-----|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 180. | 12. | 8. | | 19.0 | 14.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 58.* | 3.* | 2.* | | 7.7 | 11.9 | 1.1 |
| MINIMUM | | | | | | | | | | | 20. | 1. | 1. | | 0.0 | 8.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 8 | 8 | | 9 | 9 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 03 | 76 | 1700 | | | .3 | | 0.011 | 0.001 | 0.040 | 0.640 | 0.004 | 0.050 | 158.0 | 3.0 | | 155 |
| 21 | 04 | 76 | 1240 | | | .3 | | 0.019 | 0.003 | 0.040 | 0.380 | 0.005 | 0.020 | | 5.0 | | 42 |
| 26 | 04 | 76 | 1520 | | | .3 | | 0.013 | 0.002 | 0.020 | 0.290 | 0.003 | 0.010 | | 5.0 | | 42 |
| 18 | 05 | 76 | 1500 | | | .3 | | 0.007 | 0.002 | 0.030 | 0.220 | 0.002 | 0.010L | | 1.0 | | |
| 22 | 06 | 76 | 1540 | | | .3 | | 0.014 | 0.004 | 0.020 | 0.330 | 0.002 | 0.010 | 90.0 | 10.0 | 80 | |
| 10 | 08 | 76 | 1440 | | | .3 | | | | | | | | | | | |
| 21 | 09 | 76 | 1630 | | | .3 | | 0.004 | 0.002 | 0.010 | 0.290 | 0.001 | 0.010L | 130.0 | 2.0 | | 130 |
| 19 | 10 | 76 | 1315 | | | .3 | | 0.002 | 0.001 | 0.020 | 0.340 | 0.001 | 0.010L | | 2.0 | | 128 |
| 22 | 11 | 76 | 1630 | | | .3 | | | | | | | | | | | |
| 14 | 12 | 76 | 0800 | | | .3 | | 0.012 | 0.001 | 0.030 | 0.250 | 0.003 | 0.010 | | 5.0 | | 124 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|------|----|-----|
| MAXIMUM | | | | | | | | 0.019 | 0.004 | 0.040 | 0.640 | 0.005 | 0.050 | 158.0 | 10.0 | 80 | 155 |
| AVG OR GEOM MN (*) | | | | | | | | 0.010 | 0.002 | 0.026 | 0.343 | 0.003 | 0.0160 | 126.0 | 4.1 | 80 | 104 |
| MINIMUM | | | | | | | | 0.002 | 0.001 | 0.010 | 0.220 | 0.001 | 0.010 | 90.0 | 1.0 | 80 | 42 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 8 | 1 | 6 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 03 | 76 | 1700 | | | .3 | | 235 | 2.70 | 27.0 | 7.0 | | | | 7.20 | 0.30 | |
| 21 | 04 | 76 | 1240 | | | .3 | | 64 | 1.70 | 1.0 | 4.0 | 2.05 | | | 6.50 | | 0.300 |
| 26 | 04 | 76 | 1520 | | | .3 | | 65 | 0.95 | 1.0L | 5.5 | 2.00 | | | 6.70 | | 0.150 |
| 18 | 05 | 76 | 1500 | | | .3 | | 102 | 0.95 | 1.0L | 7.0 | 1.60 | | | 7.20 | | 0.100 |
| 22 | 06 | 76 | 1540 | | | .3 | | 140 | 1.60 | 1.0 | 5.0 | 1.75 | | | 7.70 | | 0.200 |
| 10 | 08 | 76 | 1440 | | | .3 | | | | | | 1.70 | | | | | |
| 21 | 09 | 76 | 1630 | | | .3 | | 200 | 0.75 | 2.0 | 6.5 | 1.70 | | | 8.00 | | 0.100 |
| 19 | 10 | 76 | 1315 | | | .3 | | 197 | 0.95 | 2.0 | 5.0 | 1.75 | | | 7.80 | | 0.380 |
| 14 | 12 | 76 | 0800 | | | .3 | | 190 | 0.85 | 1.0L | 1.0 | 2.15 | | | 7.30 | | 0.150 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|-----|------|--|--|------|------|-------|
| MAXIMUM | | | | | | | | 235 | 2.70 | 27.0 | 7.0 | 2.15 | | | 8.00 | 0.30 | 0.380 |
| AVG OR GEOM MN (*) | | | | | | | | 149 | 1.31 | 4.50 | 5.1 | 1.84 | | | 7.30 | 0.30 | 0.197 |
| MINIMUM | | | | | | | | 64 | 0.75 | 1.0 | 1.0 | 1.60 | | | 6.50 | 0.30 | 0.100 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 22 | 03 | 76 | 1700 | | | .3 | | | | | | | | | | 10L | |
| 21 | 04 | 76 | 1240 | | | .3 | | | | | | | | | | 10 | |
| 26 | 04 | 76 | 1520 | | | .3 | | | | | | | | | | | |
| 18 | 05 | 76 | 1500 | | | .3 | | | | | | | | | | | |
| 22 | 06 | 76 | 1540 | | | .3 | | | | | | | | | | 9 | |
| 10 | 08 | 76 | 1440 | | | .3 | | | | | | | | | | 9 | |
| 21 | 09 | 76 | 1630 | | | .3 | | | | | | | | | | 7 | |
| 19 | 10 | 76 | 1315 | | | .3 | | | | | | | | | | 6 | |
| 14 | 12 | 76 | 0800 | | | .3 | | | | | | | | | | 8 | 10 |
| | | | | | | | | | | | | | | | | 7 | 20 |
| | | | | | | | | | | | | | | | | 7 | 20 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|-----|
| MAXIMUM | | | | | | | | | | | | | | | | 9 | 20 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | 8 | 150 |
| MINIMUM | | | | | | | | | | | | | | | | 6 | 10 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | 7 | 6 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL NN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 04 | 76 | 1240 | | | .3 | | | | | | | | | | 0.280 | |
| 26 | 04 | 76 | 1520 | | | .3 | | 0.001L | 0.050L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.100 | | 0.010L |
| 19 | 10 | 76 | 1315 | | | .3 | | 0.010L | 0.050L | | 0.010L | 0.007 | 0.012L | 0.002 | 0.009 | | 0.004L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--------|--|--------|--------|--------|--------|-------|-------|--------|
| MAXIMUM | | | | | | | | 0.010 | 0.050 | | 0.010 | 0.010 | 0.012 | 0.010 | 0.100 | 0.280 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0060 | 0.0500 | | 0.0100 | 0.0090 | 0.0110 | 0.0060 | 0.055 | 0.280 | 0.0070 |
| MINIMUM | | | | | | | | 0.001 | 0.050 | | 0.010 | 0.007 | 0.010 | 0.002 | 0.009 | 0.280 | 0.004 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W. / SITE: PIC RIVER
 SAMPLE POINT: AT HIGHWAY 17
 STATION TYPE: RIVER FLOW GAUGE FED 02BB003

STATION ID: 01-0060-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE SUPERIOR
 TERM STREAM: PIC RIVER

STORET CODE: 02
 001
 2280

| STN NO | 1 | LAT | LONG | U.T.M. 16 0552700.0 5394925.0 4 | REGION 06 | MILEAGE | 9.20 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 10 03 76 1545 | | | .3 | | 10070 | 4 | 300.00 | 184. | 1. | 8. | | 0.5 | 12.5 | 2.6 |
| 21 04 76 1200 | | | .3 | | 10116 | 3 | 21400.00 | 184. | 10. | 10. L | | 1.0 | 12.6 | 1.6 |
| 26 04 76 1400 | | | .3 | | 10126 | 9 3 | 9750.00 | 180. | 1. | 1. | | 3.0 | 12.5 | 1.8 |
| 18 05 76 1320 | | | .3 | | 10181 | | 3730.00 | 24. | 4. | 1. | | 10.5 | 11.3 | 1.3 |
| 22 06 76 1435 | | | .3 | | 10228 | 6 | 4430.00 | 100. | 28. | 16. | | 18.0 | 8.5 | 1.4 |
| 10 08 76 1325 | | | .3 | | 10289 | 6 | 1030.00 | 12. | 1. | 4. | | 18.5 | 6.9 | |
| 21 09 76 1320 | | | .3 | | 10337 | 6 | 168.00 | 4. | 1. | 1. | | 13.0 | 9.5 | 0.4 |
| 1500 | | | .3 | | 10331 | 6 | 168.00 | 8. | 8. | 4. | | 11.0 | 8.4 | 0.6 |
| 18 10 76 1820 | | | .3 | | 10365 | 6 | 196.00 | | | | | 5.0 | 9.6 | 0.4 |
| 22 11 76 1530 | | | .3 | | 10393 | 4 | 207.00 | 5600. | 1. | 1. | | | | 2.6 |
| 14 12 76 0900 | | | .3 | | 10428 | 4 | 179.00 | 152. | 1. | 1. | | 0.0 | 13.0 | |
| MAXIMUM | | | | | | | 21400.00 | 5600. | 28. | 16. | | 18.5 | 13.0 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | 3778.00 | 74.* | 2.* | 3.* D | | 8.1 | 10.5 | 1.4 |
| MINIMUM | | | | | | | 168.00 | 4. | 1. | 1. | | 0.0 | 6.9 | 0.4 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 10 | 10 | | 10 | 10 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 10 03 76 1545 | | | .3 | | 0.015 | 0.003 | 0.080 | 0.670 | 0.006 | 0.080 | 280.0 | 10.0 | 270 | |
| 21 04 76 1200 | | | .3 | | 0.230 | 0.057 | 0.220 | 0.850 | 0.023 | 0.040 | | 860.0 | | 67 |
| 26 04 76 1400 | | | .3 | | 0.290 | 0.028 | 0.100 | 0.800 | 0.014 | 0.020 | | 530.0 | | 68 |
| 18 05 76 1320 | | | .3 | | 0.085 | 0.015 | 0.070 | 0.140 | 0.009 | 0.020 | | 110.0 | | |
| 22 06 76 1435 | | | .3 | | 0.110 | 0.040 | 0.090 | 0.520 | 0.012 | 0.020 | 360.0 | 190.0 | 170 | |
| 10 08 76 1325 | | | .3 | | | | | | | | | | | |
| 21 09 76 1320 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.210 | 0.002 | 0.010 | | 2.0 | | |
| 1500 | | | .3 | | 0.014 | 0.002 | 0.010 | 0.320 | 0.002 | 0.010L | 214.0 | 15.0 | | 199 |
| 18 10 76 1820 | | | .3 | | 0.002 | 0.003 | 0.080 | 0.330 | 0.002 | 0.010L | | 5.0 | | 183 |
| 22 11 76 1530 | | | .3 | | 0.015 | 0.002 | 0.070 | 0.500 | 0.003 | 0.020 | | 5.0 | | 190 |
| 14 12 76 0900 | | | .3 | | 0.021 | 0.002 | 0.020 | 0.320 | 0.004 | 0.020 | | 5.0 | | 178 |
| MAXIMUM | | | | | 0.290 | 0.057 | 0.220 | 0.850 | 0.023 | 0.080 | 360.0 | 860.0 | 270 | 199 |
| AVG OR GEOM MN (*) | | | | | 0.079 | 0.015 | 0.075 | 0.466 | 0.008 | 0.025D | 284.7 | 173.2 | 220 | 148 |
| MINIMUM | | | | | 0.002 | 0.002 | 0.010 | 0.140 | 0.002 | 0.010 | 214.0 | 2.0 | 170 | 67 |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 10 | 2 | 6 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IPON MG/L |
| 10 03 76 1545 | | | .3 | | 434 | 10.00 | 68.0 | 7.0 | | | | 7.50 | 0.70 | |
| 21 04 76 1200 | | | .3 | | 103 | 125.00 | 1.0 | 5.5 | 1.75 | | | 7.60 | | 18.000 |
| 26 04 76 1400 | | | .3 | | 105 | 125.00 | 1.0L | 6.0 | 1.70 | | | 7.50 | | 7.000 |
| 18 05 76 1320 | | | .3 | | 165 | 60.00 | 1.0 | 9.0 | 1.75 | | | 7.50 | | 2.500 |
| 22 06 76 1435 | | | .3 | | 165 | 87.00 | 1.0L | 5.0 | 1.95 | | | 7.60 | | 4.500 |
| 10 08 76 1325 | | | .3 | | | | | | 1.95 | | | | | |
| 21 09 76 1320 | | | .3 | | 140 | 0.85 | 1.0L | 5.0 | 1.35 | 1.0 | 72 | 7.80 | | 0.100 |
| 1500 | | | .3 | | 306 | 8.70 | 1.0L | 5.5 | 2.40 | | | 8.00 | | 0.550 |
| 18 10 76 1820 | | | .3 | | 282 | 6.20 | 1.0L | 4.5 | 2.35 | | | 7.90 | | 0.440 |
| 22 11 76 1530 | | | .3 | | 293 | 6.20 | 1.0L | 3.0 | | | | 7.60 | | 0.400 |
| 14 12 76 0900 | | | .3 | | 274 | 7.60 | 1.0L | 1.0 | 1.60 | | | 7.40 | | 0.500 |
| MAXIMUM | | | | | 434 | 125.00 | 68.0 | 9.0 | 2.40 | 1.0 | 72 | 8.00 | 0.70 | 18.000 |
| AVG OR GEOM MN (*) | | | | | 227 | 43.66 | 7.7D | 5.2 | 1.87 | 1.0 | 72 | 7.64 | 0.70 | 3.777 |
| MINIMUM | | | | | 103 | 0.85 | 1.0 | 1.0 | 1.35 | 1.0 | 72 | 7.40 | 0.70 | 0.100 |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | 10 | 9 | 1 | 1 | 10 | 1 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 10 03 76 1545 | | | .3 | | 3.0 | | | | | | | | 10L | |
| 21 04 76 1200 | | | .3 | | | | | | | | | | 30 | |
| 26 04 76 1400 | | | .3 | | 1.0L | | | | | | | | 40 | |
| 18 05 76 1320 | | | .3 | | 1.0L | | | | | | | | 30 | |
| 22 06 76 1435 | | | .3 | | | | | | | | | | 60 | |
| 10 08 76 1325 | | | .3 | | | | | | | | | | | |
| 21 09 76 1320 | | | .3 | | 1.0L | 72.0 | 22.00 | 4.00 | 5L | 0.70 | 1.20 | | 10 | 0 |
| 1500 | | | .3 | | 1.0L | | | | | | | | 30 | |
| 18 10 76 1820 | | | .3 | | | | | | | | | 11 | 20 | 0 |
| 22 11 76 1530 | | | .3 | | | | | | | | | 9 | 15 | |
| 14 12 76 0900 | | | .3 | | 1.0L | | | | | | | 5 | 30 | |
| MAXIMUM | | | | | 3.0 | 72.0 | 22.00 | 4.00 | 5 | 0.70 | 1.20 | 14 | 60 | 0 |
| AVG OR GEOM MN (*) | | | | | 1.3D | 72.0 | 22.00 | 4.00 | 5D | 0.70 | 1.20 | 11 | 28D | 0 |
| MINIMUM | | | | | 1.0 | 72.0 | 22.00 | 4.00 | 5 | 0.70 | 1.20 | 5 | 10 | 0 |
| NO OF SAMPLES | | | | | 6 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 10 | 2 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 22 | 03 | 76 | 1630 | | | .3 | | | | | | | | | | 10L | |
| 21 | 04 | 76 | 1210 | | | .3 | | | | | | | | | | 30 | |
| 26 | 04 | 76 | 1430 | | | .3 | | | | | | | | | 14 | | |
| 18 | 05 | 76 | 1330 | | | .3 | | | | | | | | | 13 | 30 | |
| 22 | 06 | 76 | 1450 | | | .3 | | | | | | | | | 14 | | |
| 10 | 08 | 76 | 1340 | | | .3 | | | | | | | | | 8 | | |
| 21 | 09 | 76 | 1520 | | | .3 | | | | | | | | | 12 | 30 | |
| 19 | 10 | 76 | 0900 | | | .3 | | | | | | | | | 9 | 20 | 0 |
| 14 | 12 | 76 | 0850 | | | .3 | | | | | | | | | 4 | 30 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 04 | 76 | 1210 | | | .3 | | | | | | | | | | 0.152 | |
| 26 | 04 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 19 | 10 | 76 | 0900 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: BLACK RIVER
SAMPLE POINT: AT HIGHWAY NO.614 SOUTH OF AGONZON
STATION TYPE: RIVER

STATION ID: 01-0060-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO 3 LAT LONG U.T.M. 16 0582100.0 5414375.0 4 REGION 06 MILEAGE 52.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 04 | 76 | 1350 | | | .3 | | 10119 | 3 | | | | | | 3.0 | 11.7 | |
| 18 | 05 | 76 | 1545 | | | .3 | | 10184 | | | 32. | 1. | 1. | | 9.0 | 11.7 | 0.7 |
| 22 | 06 | 76 | 1630 | | | .3 | | 10231 | 6 | | | | | | 19.0 | 8.0 | |
| 10 | 08 | 76 | 1520 | | | .3 | | 10292 | 6 | | | | | | 18.0 | 9.4 | |
| 22 | 08 | 76 | 1745 | | | .3 | | 10334 | 6 | | | | | | 11.0 | 9.7 | |
| 19 | 10 | 76 | 1200 | | | .3 | | 10368 | 6 | | | | | | 1.0 | 9.0 | |
| 22 | 11 | 76 | 0930 | | | .3 | | 10396 | 4 | | 24.* | 1. | 1. | | | | |
| 13 | 12 | 76 | 1500 | | | .3 | | 10431 | 4 | | | | | | 0.0 | 11.5 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 04 | 76 | 1350 | | | .3 | | | | | | | | | | | |
| 18 | 05 | 76 | 1545 | | | .3 | | | | | | | | | | | |
| 22 | 06 | 76 | 1630 | | | .3 | | 0.016 | | 0.140 | 0.500 | 0.006 | 0.010L | | 15.0 | | |
| 10 | 08 | 76 | 1520 | | | .3 | | | | | | | | | | | |
| 22 | 08 | 76 | 1745 | | | .3 | | | | | | 0.002 | 0.010 | | | | |
| 19 | 10 | 76 | 1200 | | | .3 | | | | | | 0.001 | 0.010L | | | | |
| 22 | 11 | 76 | 0930 | | | .3 | | | | 0.040 | | | | | | | |
| 13 | 12 | 76 | 1500 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 200 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 04 | 76 | 1350 | | | .3 | | | | | | | | | | | |
| 18 | 05 | 76 | 1545 | | | .3 | | 175 | 5.30 | | 36.0 | 1.75 | 2.0 | | 7.00 | | 1.700 |
| 22 | 06 | 76 | 1630 | | | .3 | | 157 | | | 13.0 | 1.55 | | | 7.40 | | 0.330 |
| 10 | 08 | 76 | 1520 | | | .3 | | 212 | | | 8.0 | 1.40 | 1.0 | | 7.60 | | 0.480 |
| 22 | 08 | 76 | 1745 | | | .3 | | | | | 6.5 | 1.85 | 1.0 | | 7.60 | | 0.150 |
| 19 | 10 | 76 | 1200 | | | .3 | | 243 | 1.30 | | 4.5 | | 6.0 | | 8.10 | | 0.150 |
| 22 | 11 | 76 | 0930 | | | .3 | | 280 | | | 3.5 | | 2.0 | | 7.80 | | 0.160 |
| 13 | 12 | 76 | 1500 | | | .3 | | | | | 1.0 | | 1.0 | | 7.60 | | 0.140 |
| | | | | | | | | | | | | | 2.0 | | 7.40 | | 0.190 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|-----|------|------|-------|---------|----------|---------|----------|--------|----------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSILUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | MG/L | CAS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | | | MG/L | | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|------|-----|------|------|-------|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: BLACK RIVER

SAMPLE POINT: 1 MILE BELOW OUTLET OF MOSE LAKE ON ONTARIO PULP AND PAPER ROAD

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STATION ID: 01-0060-004-02

STORET CODE: 02
001
2280

| STN NO | 4 | LAT | LONG | U.T.M. | 16 0591450.0 5443075.0 4 | REGION 06 | MI | 82.00 |
|--------|---|-----|------|--------|--------------------------|-----------|----|-------|
|--------|---|-----|------|--------|--------------------------|-----------|----|-------|

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|-----|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|-----|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|-----|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 65 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 21 04 76 | 1430 | | | | .3 | | | 102.0 | 32.00 | 5.00 | | 2.80 | 2.90 | | | |
| 18 05 76 | 1640 | | | | .3 | | 1.0 | | | | | | | | 20 | |
| 22 06 76 | 1715 | | | | .3 | | | 104.0 | 41.00 | 1.00L | | 1.50 | 2.80 | 12 | | |
| 10 08 76 | 1600 | | | | .3 | | 1.0 | | 39.00 | 7.00 | | 1.80 | | 11 | | |
| 21 09 76 | 1855 | | | | .3 | | 1.0L | 138.0 | 53.00 | 7.00 | | 2.40 | 3.90 | | | |
| 19 10 76 | 1045 | | | | .3 | | | 143.0 | 44.00 | 8.00 | | 2.60 | 3.40 | | | |
| 23 11 76 | 1730 | | | | .3 | | | 42.00 | 32.00 | | | 1.50 | 1.50 | 10 | | |
| 13 12 76 | 1540 | | | | .3 | | 1.0L | 152.0 | 46.00 | 9.00 | | 1.40 | 0.05L | 0 | | |

| | | | | | | | | | |
|--------------------|------|-------|-------|-------|--|------|-------|----|----|
| MAXIMUM | 1.0 | 152.0 | 53.00 | 32.00 | | 2.80 | 3.90 | 12 | 20 |
| AVG OR GEOM MN (*) | 1.0D | 127.8 | 42.43 | 9.86D | | 2.00 | 2.43D | 8 | 20 |
| MINIMUM | 1.0 | 102.0 | 32.00 | 1.00 | | 1.40 | 0.05 | 0 | 20 |
| NO OF SAMPLES | 4 | 5 | 7 | 7 | | 7 | 6 | 4 | 1 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 04 76 | 1430 | | | | .3 | | | | | | 0.086 | | | 0.340 | 0.044 | 0.008L |
| 18 05 76 | 1640 | | | | .3 | | | | | | 0.013 | 0.012L | | 0.166 | 0.059 | 0.004L |
| 22 06 76 | 1715 | | | | .3 | | | | | | 0.012 | | | 0.110 | | 0.012 |
| 10 08 76 | 1600 | | | | .3 | | | | | | 0.012 | | | 0.075 | | 0.004L |
| 21 09 76 | 1855 | | | | .3 | | | | | | 0.013 | | | 0.087 | 0.043 | 0.004 |
| 19 10 76 | 1045 | | | | .3 | | | | | | 0.010 | 0.012L | | 0.088 | | 0.004L |
| 23 11 76 | 1730 | | | | .3 | | | | | | 0.009 | | | 0.073 | 0.022 | 0.004L |

| | | | | | | | | | | | |
|--------------------|--|--|--|--|--|-------|--------|--|-------|-------|--------|
| MAXIMUM | | | | | | 0.086 | 0.012 | | 0.340 | 0.059 | 0.012 |
| AVG OR GEOM MN (*) | | | | | | 0.022 | 0.012D | | 0.134 | 0.042 | 0.012D |
| MINIMUM | | | | | | 0.009 | 0.012 | | 0.073 | 0.022 | 0.012 |
| NO OF SAMPLES | | | | | | 7 | 2 | | 7 | 4 | 7 |

B.O.W. / SITE: FOX CREEK
SAMPLE POINT: AT HIGHWAY NO.614 MANITOWADGE LAKE
STATION TYPE: RIVER

STATION ID: 01-0060-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIC RIVER

STORET CODE: 02
001
2280

STN NO 5 LAT LONG U.T.M. 16 0587900.0 5442725.0 4 REGION 06 MILEAGE 85.10

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 04 76 | 1425 | | | | .3 | | 10120 | 3 | | | | | | 2.0 | 13.5 | |
| 18 05 76 | 1630 | | | | .3 | | 10185 | | | 44. | 1. | 4. | | 10.5 | 11.2 | 1.2 |
| 22 06 76 | 1700 | | | | .3 | | 10232 | 6 | | | | | | 19.0 | 10.0 | |
| 10 08 76 | 1545 | | | | .3 | | 10293 | 6 | | | | | | 18.0 | 9.4 | |
| 21 09 76 | 1845 | | | | .3 | | 10335 | 6 | | | | | | 11.0 | 9.0 | |
| 19 10 76 | 1055 | | | | .3 | | 10369 | 6 | | | | | | 5.0 | 9.6 | |
| 23 11 76 | 0830 | | | | .3 | | 10397 | 4 | | 1. | 1. | 1. | | | | |
| 13 12 76 | 1615 | | | | .3 | | 10432 | 4 | | | | | | 0.0 | 11.0 | |

| | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|-----|-----|-----|--|------|------|-----|
| MAXIMUM | | | | | | 44. | 1. | 4. | | 19.0 | 13.5 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | 7.* | 1.* | 2.* | | 9.4 | 10.5 | 1.2 |
| MINIMUM | | | | | | 1. | 1. | 1. | | 0.0 | 9.0 | 1.2 |
| NO OF SAMPLES | | | | | | 2 | 2 | 2 | | 7 | 7 | 1 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 04 76 | 1425 | | | | .3 | | | | | | | | | | | |
| 18 05 76 | 1630 | | | | .3 | | 0.027 | | 0.120 | 0.440 | 0.007 | 0.030 | | 5.0 | | |
| 22 06 76 | 1700 | | | | .3 | | | | | | 0.010L | | | | | |
| 10 08 76 | 1545 | | | | .3 | | | | | | | | | | | |
| 21 09 76 | 1845 | | | | .3 | | | | | | 0.002 | 0.010 | | | | |
| 19 10 76 | 1055 | | | | .3 | | | | | | 0.001 | 0.010 | | | | |
| 23 11 76 | 0830 | | | | .3 | | | | 0.030 | | | | | | | |
| 13 12 76 | 1615 | | | | .3 | | | | | | | | | | | |

| | | | | | | | | |
|--------------------|-------|--|-------|-------|--------|-------|--|-----|
| MAXIMUM | 0.027 | | 0.120 | 0.440 | 0.010 | 0.030 | | 5.0 |
| AVG OR GEOM MN (*) | 0.027 | | 0.075 | 0.440 | 0.005D | 0.017 | | 5.0 |
| MINIMUM | 0.027 | | 0.030 | 0.440 | 0.001 | 0.010 | | 5.0 |
| NO OF SAMPLES | 1 | | 2 | 1 | 4 | 3 | | 1 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 04 76 | 1425 | | | | .3 | | | | | 16.0 | 1.35 | 2.0 | | 6.60 | | 0.800 |
| 18 05 76 | 1630 | | | | .3 | | 280 | 4.60 | | | 1.45 | | | 7.30 | | 1.320 |
| 22 06 76 | 1700 | | | | .3 | | 285 | | | 72.0 | 0.30 | 1.0 | | 7.70 | | 0.290 |
| 10 08 76 | 1545 | | | | .3 | | 308 | | | 70.0 | 0.55 | 2.0 | | 7.40 | | 0.870 |
| 21 09 76 | 1845 | | | | .3 | | 360 | | | 100.0 | 0.50 | 1.0 | | 8.10 | | 0.300 |
| 19 10 76 | 1055 | | | | .3 | | 391 | 1.20 | | 89.0 | | 2.0 | | 7.80 | | 0.230 |
| 23 11 76 | 0830 | | | | .3 | | 415 | | | 88.0 | | 1.0 | | 7.90 | | 0.570 |
| 13 12 76 | 1615 | | | | .3 | | | | | 66.0 | | 2.0 | | 7.50 | | 0.220 |

| | | | | | | | | | | |
|--------------------|-----|------|--|-------|------|-----|--|------|--|-------|
| MAXIMUM | 415 | 4.60 | | 100.0 | 1.45 | 2.0 | | 8.10 | | 1.320 |
| AVG OR GEOM MN (*) | 340 | 2.90 | | 71.6 | 0.83 | 1.6 | | 7.54 | | 0.575 |
| MINIMUM | 280 | 1.20 | | 16.0 | 0.30 | 1.0 | | 6.60 | | 0.220 |
| NO OF SAMPLES | 6 | 2 | | 7 | 5 | 7 | | 8 | | 8 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|-----|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | MAZEN | K | NA | CAS C | | EXTRELES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|----|-----|------|------|-------|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: LITTLE PIC RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER FLOW GAUGE FED 02BA003

STATION ID: 01-0067-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: LITTLE PIC RIVER

STORET CODE: 02
001
2460

STN NO 1 LAT LONG U.T.M. 16 0527050.0 5405200.0 4 REGION 06 MILEAGE 0.90

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|-----|------|------|-------|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | COLIFORM | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | MF/100ML | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|-----|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KUELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 04 | 76 | 1615 | | | .3 | | 98 | 125.00 | 1.0 | 5.5 | 1.85 | | | 7.60 | | 15.000 |
| 26 | 04 | 76 | 1310 | | | .3 | | 112 | 77.00 | 1.0L | 7.0 | 1.85 | | | 7.50 | | 4.000 |
| 18 | 05 | 76 | 1240 | | | .3 | | 138 | 36.00 | 1.0L | 9.0 | 1.75 | | | 7.50 | | 1.900 |
| 22 | 06 | 76 | 1400 | | | .3 | | 149 | 33.00 | 1.0L | 5.0 | 1.85 | | | 7.60 | | 1.600 |
| 10 | 08 | 76 | 1210 | | | .3 | | | | | | 3.20 | | | | | |
| 21 | 09 | 76 | 1415 | | | .3 | | 243 | 3.70 | 1.0L | 5.0 | 1.75 | | | 8.10 | | 0.250 |
| 18 | 10 | 76 | 1715 | | | .3 | | 242 | 4.70 | 1.0L | 4.5 | 2.10 | | | 7.90 | | 0.230 |
| 22 | 11 | 76 | 1400 | | | .3 | | 263 | 5.00 | 1.0 | 3.0 | | | | 7.80 | | 0.350 |
| 13 | 12 | 76 | 1300 | | | .3 | | 272 | 6.70 | 8.0 | 2.0 | | | | 7.60 | | 0.400 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|--------|------|-----|------|--|--|------|--|--------|
| MAXIMUM | | | | | | | | 272 | 125.00 | 8.0 | 9.0 | 3.20 | | | 8.10 | | 15.000 |
| AVG OR GEOM MN (*) | | | | | | | | 190 | 36.39 | 1.90 | 5.1 | 2.05 | | | 7.70 | | 2.966 |
| MINIMUM | | | | | | | | 98 | 3.70 | 1.0 | 2.0 | 1.75 | | | 7.50 | | 0.230 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 7 | | | 8 | | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 21 | 04 | 76 | 1615 | | | .3 | | 2.0 | | | | | | | | | |
| 26 | 04 | 76 | 1310 | | | .3 | | | | | | | | | | | |
| 18 | 05 | 76 | 1240 | | | .3 | | 1.0 | | | | | | | 11 | 40 | |
| 22 | 06 | 76 | 1400 | | | .3 | | | | | | | | | 2 | 30 | |
| 10 | 08 | 76 | 1210 | | | .3 | | | | | | | | | 364 | | |
| 21 | 09 | 76 | 1415 | | | .3 | | 1.0L | | | | | | | 351 | | |
| 18 | 10 | 76 | 1715 | | | .3 | | | | | | | | | 8 | 30 | |
| 22 | 11 | 76 | 1400 | | | .3 | | 1.0 | | | | | | | 7 | 30 | 1 |
| 13 | 12 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | 10 | |
| | | | | | | | | | | | | | | | | 40 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|-----|----|---|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 364 | 40 | 1 |
| AVG OR GEOM MN (*) | | | | | | | | 1.20 | | | | | | | 124 | 30 | 1 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 2 | 10 | 1 |
| NO OF SAMPLES | | | | | | | | 5 | | | | | | | 6 | 6 | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINIUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 236 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|-----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 04 | 76 | 1615 | | | .3 | | | | | | | | | | 0.200 | |
| 26 | 04 | 76 | 1310 | | | .3 | 0.001 | 0.050L | | | 0.010 | 0.010L | 0.010L | 0.010L | 0.020L | | 0.010L |
| 18 | 10 | 76 | 1715 | | | .3 | 0.010L | 0.050L | | | 0.010L | 0.005 | 0.012L | 0.002 | 0.004L | | 0.004L |
| MAXIMUM | | | | | | | | 0.010 | 0.050 | | 0.010 | 0.010 | 0.012 | 0.010 | 0.020 | 0.200 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0060 | 0.0500 | | 0.0100 | 0.0080 | 0.0110 | 0.0060 | 0.0120 | 0.200 | 0.0070 |
| MINIMUM | | | | | | | | 0.001 | 0.050 | | 0.010 | 0.005 | 0.010 | 0.002 | 0.004 | 0.200 | 0.004 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W./ SITE: KIMBERLY CLARK EFFLUENT CANAL
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 01-0074-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: BLACKBIRD CREEK

STORET CODE: 02
001
2620

| STN NO | 1 | LAT | LONG | U.T.M. 16 0494525.0 5408350.0 4 | | | | REGION 06 | MILEAGE | 8.20 | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-CA BOD MG/L |
| 22 | 03 | 76 | 1220 | | | .3 | | 10069 | 0 9 | | 80000. | 170. | 470. | | 14.5 | | 130.0 |
| 21 | 04 | 76 | 1130 | | | .3 | | 10114 | 9 | | 3000. | 630. | 120. | | 12.5 | 8.2 | 160.0 |
| 26 | 04 | 76 | 1700 | | | .3 | | 10124 | 6 9 | | 7000. | 900. | 100. L | | 13.0 | 7.3 | 260.0 |
| 18 | 05 | 76 | 1200 | | | .3 | | 10179 | | | 10000E+1 | 1. | 180. | | 18.5 | 6.8 | 410.0 |
| 21 | 06 | 76 | 1200 | | | .3 | | 10226 | 6 | | 11000. | 350. | 650. | | 22.5 | | 260.0 |
| 10 | 08 | 76 | 1040 | | | .3 | | 10287 | 6 9 0 | | 4900. | 620. | 150. | | 27.0 | 5.0 | |
| 22 | 09 | 76 | 1000 | | | .3 | | 10329 | 0 9 | | 41000E+1 | 1500. G | 1500. G | | 18.5 | 0.3 | 220.0 |
| 18 | 10 | 76 | 1600 | | | .3 | | 10363 | 6 | | | | | | 22.0 | 1.8 | 230.0 |
| 23 | 11 | 76 | 1140 | | | .3 | | 10391 | 0 9 0 | | 20000E+1 | 1260. | 180. | | | | 280.0 |
| 13 | 12 | 76 | 1210 | | | .3 | | 10426 | 6 0 9 | | 19000E+2 | 230. | 580. | | 1.8 | | 120.0 |
| MAXIMUM | | | | | | | | | | | 19000E+2 | 1500. | 1500. | | 27.0 | 8.2 | 410.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 48227.* | 275.* U | 292.* E | | 16.7 | 4.9 | 230.0 |
| MINIMUM | | | | | | | | | | | 3000. | 1. | 100. | | 1.8 | 0.3 | 120.0 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 9 | | 9 | 6 | 9 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 03 | 76 | 1220 | | | .3 | | 0.190 | | | 2.700 | | | 1760.0 | 190.0 | 1570 | |
| 21 | 04 | 76 | 1130 | | | .3 | | 0.160 | | | 1.700 | | | 910.0 | 140.0 | 770 | |
| 26 | 04 | 76 | 1700 | | | .3 | | 0.220 | | | 1.600 | | | 1470.0 | 130.0 | 1340 | |
| 18 | 05 | 76 | 1200 | | | .3 | | 0.110 | | | 0.700 | | | 1890.0 | 110.0 | | |
| 21 | 06 | 76 | 1200 | | | .3 | | 0.100 | | | 1.200 | | | 1460.0 | 140.0 | 1320 | |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | | | | | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 0.150 | | | 1.800 | | | 1330.0 | 100.0 | 1230 | |
| 18 | 10 | 76 | 1600 | | | .3 | | 0.100 | | | 1.700 | | | 1400.0 | 120.0 | 1280 | |
| 23 | 11 | 76 | 1140 | | | .3 | | 0.160 | | | 2.000 | | | 1560.0 | 170.0 | 1390 | |
| 13 | 12 | 76 | 1210 | | | .3 | | 0.600 | | | 2.000 | | | 1080.0 | 150.0 | 930 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.600
0.199
0.100

2.700
1.711
0.700

1890.0
1428.9
910.0

190.0
138.9
100.0

1570
1229
770

NO OF SAMPLES

9

9

9

9

8

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 03 | 76 | 1220 | | | .3 | | 1330 | 16.00 | 26.0 | 110.0 | | | | | 4.40 | |
| 21 | 04 | 76 | 1130 | | | .3 | | 760 | 20.00 | 133.0 | 75.0 | 2.75 | | | 7.20 | | 3.200 |
| 26 | 04 | 76 | 1700 | | | .3 | | 1000 | 3.30 | 195.0 | 75.0 | 2.95 | | | 7.20 | | 8.000 |
| 18 | 05 | 76 | 1200 | | | .3 | | 1580 | 25.00 | 245.0 | 150.0 | 3.05 | | | 9.20 | | 7.000 |
| 21 | 06 | 76 | 1200 | | | .3 | | 1370 | 14.00 | 12.0 | 110.0 | 3.15 | | | 7.20 | | 5.000 |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | 3.20 | | | | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 1440 | 15.00 | 250.0 | 120.0 | 1.35 | | | 7.50 | | 4.000 |
| 18 | 10 | 76 | 1600 | | | .3 | | 1390 | 2.50 | 240.0 | 45.0 | 2.35 | | | 7.30 | | 0.610 |
| 23 | 11 | 76 | 1140 | | | .3 | | 1410 | 12.00 | 236.0 | 95.0 | | | | 7.20 | | |
| 13 | 12 | 76 | 1210 | | | .3 | | 998 | 6.20 | 189.0 | 90.0 | 1.95 | | | 6.50 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1580
1253
760

25.00
12.67
2.50

250.0
169.6
12.0

150.0
96.7
45.0

3.20
2.59
1.35

9.20
7.39
6.50

4.40
4.40
4.40

8.000
4.635
0.610

NO OF SAMPLES

9

9

9

9

8

9

1

6

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 22 | 03 | 76 | 1220 | | | .3 | | 1025.0 | | | | | | | | 960 | |
| 21 | 04 | 76 | 1130 | | | .3 | | 224.0 | | | | | | | | 620 | |
| 26 | 04 | 76 | 1700 | | | .3 | | 800.0 | | | | | | | 310 | 910 | |
| 18 | 05 | 76 | 1200 | | | .3 | | 1413.0 | | | | | | | 3 | 1840 | |
| 21 | 06 | 76 | 1200 | | | .3 | | | | | | | | | 272 | 830 | |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | | | | 327 | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 1080.0 | | | | | | | 12 | 840 | |
| 18 | 10 | 76 | 1600 | | | .3 | | | | | | | | | 345 | 990 | 10 |
| 23 | 11 | 76 | 1140 | | | .3 | | 860.0 | | | | | | | | 980 | |
| 13 | 12 | 76 | 1210 | | | .3 | | 560.0 | | | | | | | 108 | 600 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1413.0
851.7
224.0

345
197
3

1840
952
600

10
10
10

NO OF SAMPLES

7

7

9

1

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 04 | 76 | 1130 | | | .3 | | | | | | | | | | 0.850 | |
| 26 | 04 | 76 | 1700 | | | .3 | | 0.002 | 0.050L | | 0.020 | 0.010L | 0.010L | 0.010L | 0.070 | | 0.010L |
| 18 | 10 | 76 | 1600 | | | .3 | | 0.010L | 0.050L | | 0.020L | 0.017 | 0.012L | 0.004 | 0.009 | | 0.013 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.010
0.0060
0.002

0.050
0.0500
0.050

0.020
0.0200
0.020

0.017
0.0140
0.010

0.012
0.0110
0.010

0.010
0.0070
0.004

0.070
0.040
0.009

0.850
0.850
0.850

0.013
0.0120
0.010

NO OF SAMPLES

2

2

2

2

2

2

2

1

2

B.O.W./ SITE: AGUASABON DIVERSION
SAMPLE POINT: AT AGUASABON HYDRO PLANT
STATION TYPE: RIVER

STATION ID: 01-0075-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: AGUASABON RIVER

STORET CODE: 02
001
2770

STN NO 2 LAT LONG U.T.M. 16 0488200.0 5403500.0 4 REGION 06

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 03 | 76 | 1250 | | | .3 | | 10068 | 6 | | 1. | 1. | 1. | | 0.5 | 14.0 | 0.4 |
| 21 | 04 | 76 | 1030 | | | .3 | | 10113 | 3 | | 24. | 1. | 1. | | 1.5 | 12.7 | 1.2 |
| 26 | 04 | 76 | 1215 | | | .3 | | 10123 | 6 | | 1. | 1. | 1. | | 2.0 | 13.2 | 0.8 |
| 18 | 05 | 76 | 1130 | | | .3 | | 10178 | | | 1. | 1. | 1. | | 7.0 | 12.5 | 0.6 |
| 21 | 06 | 76 | 1300 | | | .3 | | 10225 | 6 | | 1. | 1. | 1. | | 16.0 | 10.0 | 1.6 |
| 10 | 08 | 76 | 1040 | | | .3 | | 10286 | 6 | | 4. | 1. | 56. | | 18.0 | 9.1 | |
| 21 | 09 | 76 | 1200 | | | .3 | | 10328 | 6 | | 1. | 1. | 1. | | 13.0 | 10.3 | 0.8 |
| 18 | 10 | 76 | 1535 | | | .3 | | 10362 | 6 | | | | | | 3.5 | 8.0 | 1.0 |
| 22 | 11 | 76 | 1315 | | | .3 | | 10390 | 6 | | 12. | 1. | 1. | | 1.0 | 12.3 | 1.2 |
| 13 | 12 | 76 | 1130 | | | .3 | | 10425 | 6 | | 1. | 1. | 1. | | 0.0 | 13.0 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

24.
2.*
1.

1.
1.*
1.

56.
2.*
1.

18.0
6.3
0.0

14.0
11.5
8.0

1.6
1.0
0.4

NO OF SAMPLES

9 9 9 10 10 8

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 03 | 76 | 1250 | | | .3 | | 0.007 | 0.002 | 0.010 | 0.360 | 0.004 | 0.040 | 89.0 | 1.0 | | 68 |
| 21 | 04 | 76 | 1030 | | | .3 | | 0.036 | 0.002 | 0.040 | 0.430 | 0.004 | 0.030 | | 2.0 | | 50 |
| 26 | 04 | 76 | 1215 | | | .3 | | 0.010 | 0.001 | 0.030 | 0.300 | 0.003 | 0.030 | | 2.0 | | 50 |
| 18 | 05 | 76 | 1130 | | | .3 | | 0.005 | 0.003 | 0.030 | 0.230 | 0.004 | 0.030 | | 2.0 | | |
| 21 | 06 | 76 | 1300 | | | .3 | | 0.007 | 0.001 | 0.020 | 0.240 | 0.002 | 0.030 | 80.0 | 1.0 | 79 | |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | | | | | | |
| 21 | 09 | 76 | 1200 | | | .3 | | 0.006 | 0.002 | 0.020 | 0.300 | 0.003 | 0.010 | 91.0 | 2.0 | | 89 |
| 18 | 10 | 76 | 1535 | | | .3 | | 0.001 | 0.001 | 0.010 | 0.240 | 0.002 | 0.010 | | 2.0 | | 90 |
| 22 | 11 | 76 | 1315 | | | .3 | | 0.009 | 0.002 | 0.020 | 0.320 | 0.001 | 0.020 | | 2.0 | | 91 |
| 13 | 12 | 76 | 1130 | | | .3 | | 0.010 | 0.002 | 0.010 | 0.260 | 0.004 | 0.020 | | 1.0 | | 92 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.036
0.010
0.001

0.003
0.002
0.001

0.040
0.021
0.010

0.430
0.298
0.230

0.004
0.003
0.001

0.040
0.024
0.010

91.0
86.7
80.0

2.0
1.7
1.0

79
79
79

92
79
50

NO OF SAMPLES

9 9 9 9 9 9 3 9 1 7

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 03 | 76 | 1250 | | | .3 | | 135 | 0.65 | 1.0L | 4.0 | | | | 7.30 | 0.10 | |
| 21 | 04 | 76 | 1030 | | | .3 | | 76 | 1.00 | 1.0 | 4.0 | 1.90 | | | 6.70 | | 0.200 |
| 26 | 04 | 76 | 1215 | | | .3 | | 77 | 0.65 | 1.0L | 3.0 | 1.85 | | | 6.70 | | 0.150 |
| 18 | 05 | 76 | 1130 | | | .3 | | 62 | 0.95 | 1.0L | 12.0 | 1.75 | | | 6.80 | | 0.200 |
| 21 | 06 | 76 | 1300 | | | .3 | | 115 | 0.65 | 1.0L | 2.0 | 1.60 | | | 7.30 | | 0.250 |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | 1.40 | | | | | |
| 21 | 09 | 76 | 1200 | | | .3 | | 137 | 0.80 | 1.0L | 4.5 | | | | 7.60 | | 0.150 |
| 18 | 10 | 76 | 1535 | | | .3 | | 138 | 1.00 | 1.0L | 3.5 | 1.45 | | | 7.40 | | 0.100 |
| 22 | 11 | 76 | 1315 | | | .3 | | 140 | 0.85 | 1.0L | 2.0 | | | | 7.50 | | 0.100 |
| 13 | 12 | 76 | 1130 | | | .3 | | 142 | 0.60 | 1.0L | 2.0 | 1.20 | | | 7.40 | | 0.100 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

142
114
62

1.00
0.79
0.60

1.0
1.00
1.0

12.0
4.1
2.0

1.90
1.59
1.20

7.60
7.19
6.70

0.10
0.10
0.10

0.250
0.156
0.100

NO OF SAMPLES

9 9 9 9 7 9 1 8

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 22 | 03 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 21 | 04 | 76 | 1030 | | | .3 | | | | | | | | | | 10L | |
| 26 | 04 | 76 | 1215 | | | .3 | | | | | | | | | | 10 | |
| 18 | 05 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 21 | 06 | 76 | 1300 | | | .3 | | | | | | | | | | 30 | |
| 10 | 08 | 76 | 1040 | | | .3 | | | | | | | | | | 8 | |
| 21 | 09 | 76 | 1200 | | | .3 | | | | | | | | | | 9 | |
| 18 | 10 | 76 | 1535 | | | .3 | | | | | | | | | | 30 | |
| 22 | 11 | 76 | 1315 | | | .3 | | | | | | | | | | 30 | 1 |
| 13 | 12 | 76 | 1130 | | | .3 | | | | | | | | | | 15 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

9
6
2

30
220
10

1
1
1

NO OF SAMPLES

6 7 1

CONT'D

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 04 | 76 | 1030 | | | .3 | | | | | | | | | | 0.044 | |
| 26 | 04 | 76 | 1215 | | | .3 | 0.002 | 0.050L | | | 0.010L | 0.010L | 0.010L | 0.010L | 0.020L | | 0.010L |
| 18 | 10 | 76 | 1535 | | | .3 | 0.010L | 0.050L | | | 0.020 | 0.005 | 0.012L | 0.002 | 0.008 | | 0.004L |
| MAXIMUM | | | | | | | | 0.010 | 0.050 | | 0.020 | 0.010 | 0.012 | 0.010 | 0.020 | 0.044 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.006D | 0.0500 | | 0.015D | 0.008D | 0.011D | 0.006D | 0.014D | 0.044 | 0.007D |
| MINIMUM | | | | | | | | 0.002 | 0.050 | | 0.010 | 0.005 | 0.010 | 0.002 | 0.008 | 0.044 | 0.004 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W./ SITE: NIPIGON RIVER
SAMPLE POINT: AT BRIDGE CAMERON FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02AD008

STATION ID: 01-0090-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

| STN NO | 1 | LAT | LONG | U.T.M. 16 0401700.0 5444875.0 4 | REGION 06 | MILEAGE | 11.80 | | | | | | | | | | |
|--------------------|-----------|----------|-------------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-CAY EOD MG/L |
| 27 | 01 | 76 | 1230 | | | .3 | | 10014 | | 11400. | 1. | 1. | 4. | | 33.0 | 11.0 | 0.6 |
| 02 | 03 | 76 | 1130 | | | .3 | | 10045 | 4 | 13000. | | | | | 1.0 | 12.5 | 0.6 |
| 20 | 04 | 76 | 1400 | | | .3 | | 10110 | 3 | 11800. | 4. | 1. | 1. | | 2.0 | 14.0 | 0.6 |
| 19 | 05 | 76 | 1200 | | | .3 | | 10187 | | 12700. | 1. | 1. | 1. | | | | 0.8 |
| 22 | 06 | 76 | 1020 | | | .3 | | 10234 | 6 | 12000. | 1. | 1. | 1. | | 12.5 | 11.0 | 1.0 |
| 10 | 08 | 76 | 0815 | | | .3 | | 10284 | | 13100. | 12. | 1. | 1. | | 17.0 | 10.1 | |
| 22 | 11 | 76 | 1000 | | | .3 | | 10388 | | 16300. | 1. | 1. | 1. | | | | 1.4 |
| 14 | 12 | 76 | 1600 | | | .3 | | 10424 | 6 | 11700. | 1. | 1. | 1. | | 1.5 | 14.0 | |
| MAXIMUM | | | | | | | | | | 16300. | 12. | 1. | 4. | | 33.0 | 14.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 12750. | 2.* | 1.* | 1.* | | 11.2 | 12.1 | 0.8 |
| MINIMUM | | | | | | | | | | 11400. | 1. | 1. | 1. | | 1.0 | 10.1 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 8 | 7 | 7 | 7 | | 6 | 6 | 6 |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 27 | 01 | 76 | 1230 | | | .3 | | 0.005 | 0.003 | 0.020 | 0.160 | 0.002 | 0.030 | | 2.0 | | |
| 02 | 03 | 76 | 1130 | | | .3 | | 0.007 | 0.004 | 0.020 | 0.210 | 0.002 | 0.020 | | 1.0 | | |
| 20 | 04 | 76 | 1400 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.220 | 0.002 | 0.020 | | 1.0 | | |
| 19 | 05 | 76 | 1200 | | | .3 | | 0.009 | 0.005 | 0.020 | 0.260 | 0.002 | 0.020 | | 1. | | |
| 22 | 06 | 76 | 1020 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.170 | 0.002 | 0.030 | | 1.0 | | |
| 10 | 08 | 76 | 0815 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1000 | | | .3 | | 0.010 | 0.004 | 0.030 | 0.290 | 0.002 | 0.040 | | 1.0 | | |
| 14 | 12 | 76 | 1600 | | | .3 | | 0.010 | 0.001 | 0.020 | 0.140 | 0.002 | 0.020 | | 5.0 | | |
| MAXIMUM | | | | | | | | 0.010 | 0.005 | 0.030 | 0.290 | 0.002 | 0.040 | | 5.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.008 | 0.003 | 0.019 | 0.207 | 0.002 | 0.026 | | 1.7 | | |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.010 | 0.140 | 0.002 | 0.020 | | 1.0 | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | 7 | | |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 27 | 01 | 76 | 1230 | | | .3 | | 136 | 0.90 | 1.0L | 5.0 | | 1.0 | 70 | 7.30 | 0.05 | |
| 02 | 03 | 76 | 1130 | | | .3 | | 138 | 0.55 | 1.0 | 2.0 | | 1.0 | 71 | 7.30 | 0.10 | |
| 20 | 04 | 76 | 1400 | | | .3 | | 124 | 0.50 | 1.0 | 2.5 | | 1.0 | 75 | 7.30 | | 0.050 |
| 19 | 05 | 76 | 1200 | | | .3 | | 134 | 6.4 | 2. | 5. | | 1. | 71 | 7.9 | | 0.938 |
| 22 | 06 | 76 | 1020 | | | .3 | | 135 | 1.70 | 1.0L | 8.0 | 1.30 | 1.0 | 71 | 7.80 | | |
| 10 | 08 | 76 | 0815 | | | .3 | | | | | | 1.40 | | | | | |
| 22 | 11 | 76 | 1000 | | | .3 | | 140 | 1.40 | 1.0L | 2.5 | | 1.0 | 67 | 7.50 | | 0.100 |
| 14 | 12 | 76 | 1600 | | | .3 | | 137 | 1.30 | 1.0L | 1.0 | 1.55 | 1.0 | 71 | 7.70 | | 0.100 |
| MAXIMUM | | | | | | | | 140 | 6.4 | 2. | 8.0 | 1.55 | 1.0 | 75 | 7.9 | 0.10 | 0.938 |
| AVG OR GEOM MN (*) | | | | | | | | 135 | 1.82 | 1.1D | 3.7 | 1.42 | 1.0 | 71 | 7.54 | 0.08 | 0.297 |
| MINIMUM | | | | | | | | 124 | 0.50 | 1.0 | 1.0 | 1.30 | 1.0 | 67 | 7.30 | 0.05 | 0.050 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 3 | 7 | 7 | 7 | 2 | 4 |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 27 | 01 | 76 | 1230 | | | .3 | | | 72.0 | 22.00 | 4.00 | 5 | 1.00 | 1.70 | | 10L | |
| 02 | 03 | 76 | 1130 | | | .3 | | | 72.0 | 23.00 | 3.00 | 5L | 0.70 | 1.20 | | | |
| 20 | 04 | 76 | 1400 | | | .3 | | | 74.0 | 24.00 | 3.00 | 5 | 0.55 | 0.30 | | 10 | |
| 19 | 05 | 76 | 1200 | | | .3 | | 1. L | 66. | 22. | 3. | 5 | 0.5 | 0.1 L | | 10 | |
| 22 | 06 | 76 | 1020 | | | .3 | | 20.0 | 68.0 | 22.00 | 3.00 | 5L | 0.80 | 2.10 | 5 | | |
| 10 | 08 | 76 | 0815 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1000 | | | .3 | | | 74.0 | 22.00 | 5.00 | 5 | 0.65 | 1.00 | | 10 | |
| 14 | 12 | 76 | 1600 | | | .3 | | 1.0L | 70.0 | 22.00 | 4.00 | 5L | 0.35 | 0.05L | 6 | 30 | |
| MAXIMUM | | | | | | | | 20.0 | 74.0 | 24.00 | 5.00 | 5 | 1.00 | 2.10 | 6 | 30 | |
| AVG OR GEOM MN (*) | | | | | | | | 7.3D | 70.9 | 22.43 | 3.57 | 5D | 0.65 | 0.92D | 6 | 14D | |
| MINIMUM | | | | | | | | 1. | 66. | 22.00 | 3.00 | 5 | 0.35 | 0.05 | 5 | 10 | |
| NO OF SAMPLES | | | | | | | | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 2 | 5 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|--------|--------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 | 01 | 76 | 1230 | | | .3 | | | | | 0.002L | | | 0.002L | 0.003 | 0.006 |
| 02 | 03 | 76 | 1130 | | | .3 | | | | | 0.004L | | | 0.004L | 0.003L | 0.008L |
| 20 | 04 | 76 | 1400 | | | .3 | | | | | 0.029 | | | 0.004L | | 0.008L |
| 19 | 05 | 76 | 1200 | | | .3 | 0.001L | | | | 0.004L | 0.012L | | 0.018 | 0.001L | 0.004L |
| 22 | 06 | 76 | 1020 | | | .3 | | | | | 0.009 | | | 0.001L | 0.003L | 0.004L |
| 22 | 11 | 76 | 1000 | | | .3 | | | | | 0.004 | | | 0.005 | 0.004 | 0.004L |
| 14 | 12 | 76 | 1600 | | | .3 | | | | | | | | | | |
| MAXIMUM | | | | | | | 0.001 | | | | 0.029 | 0.012 | | 0.018 | 0.004 | 0.009 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | | | | 0.009D | 0.012D | | 0.004D | 0.003D | 0.006D |
| MINIMUM | | | | | | | 0.001 | | | | 0.002 | 0.012 | | 0.002 | 0.001 | 0.004 |
| NO OF SAMPLES | | | | | | | 1 | | | | 6 | 1 | | 6 | 6 | 6 |

B.O.W / SITE: NIPIGON RIVER
SAMPLE POINT: AT HIGHWAY 17, NIPIGON
STATION TYPE: RIVER

STATION ID: 01-009G-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR

STORET CODE: 02
001

STN NO 2 LAT LONG U.T.M. 16 D408550.0 5430200.0 4 REGION 06 MILEAGE 6.00

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 02 | 03 | 76 | 1300 | | | .3 | 10046 | 4 | 6 | | | | | 1.0 | 13.0 | 0.6 |
| 22 | 03 | 76 | 1100 | | | .3 | 10067 | 6 | | 1. | 1. | 1. | | 0.5 | 12.5 | 0.8 |
| 21 | 04 | 76 | 0900 | | | .3 | 10112 | 3 | | 12. | 1. | 1. | | 2.0 | 14.0 | 0.6 |
| 26 | 04 | 76 | 1020 | | | .3 | 10122 | 6 | | 8. | 8. | 1. | | 2.0 | 13.6 | 0.9 |
| 18 | 05 | 76 | 1025 | | | .3 | 10177 | | | 1. | 1. | 1. | | 7.0 | 14.0 | 0.9 |
| 21 | 06 | 76 | 1115 | | | .3 | 10224 | 6 | | 8. | 1. | 1. | | 15.0 | 11.0 | 1.3 |
| 10 | 08 | 76 | 0900 | | | .3 | 10285 | 6 | | 4. | 1. | 1. | | 17.0 | 9.6 | |
| 21 | 09 | 76 | 1200 | | | .3 | 10327 | 6 | | 24. | 1. | 1. | | 12.0 | 10.2 | 0.8 |
| 22 | 11 | 76 | 1115 | | | .3 | 10389 | 6 | | 16. | 1. | 4. | | 1.0 | 12.2 | 1.0 |
| 14 | 12 | 76 | 1530 | | | .3 | 10423 | 6 | | 4. | 1. | 1. | | 1.5 | 15.0 | |
| MAXIMUM | | | | | | | | | | 24. | 8. | 4. | | 17.0 | 15.0 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | 6.* | 1.* | 1.* | | 5.9 | 12.5 | 0.8 |
| MINIMUM | | | | | | | | | | 1. | 1. | 1. | | 0.5 | 9.6 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 9 | 9 | 9 | | 10 | 10 | 8 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 02 | 03 | 76 | 1300 | | | .3 | 0.006 | 0.004 | 0.010 | 0.210 | 0.002 | 0.020 | | | | |
| 22 | 03 | 76 | 1100 | | | .3 | 0.005 | 0.002 | 0.010 | 0.240 | 0.003 | 0.030 | 92.0 | 2.0 | | 90 |
| 21 | 04 | 76 | 0900 | | | .3 | 0.012 | 0.002 | 0.010 | 0.220 | 0.003 | 0.020 | | 10.0 | | 81 |
| 26 | 04 | 76 | 1020 | | | .3 | 0.069 | 0.004 | 0.030 | 0.300 | 0.003 | 0.020 | | 110.0 | | 79 |
| 18 | 05 | 76 | 1025 | | | .3 | 0.022 | 0.003 | 0.040 | 0.210 | 0.002 | 0.020 | | 35.0 | | |
| 21 | 06 | 76 | 1115 | | | .3 | 0.014 | 0.006 | 0.020 | 0.200 | 0.002 | 0.010 | 95.0 | 5.0 | 90 | |
| 10 | 08 | 76 | 0900 | | | .3 | | | | | | | | | | |
| 21 | 09 | 76 | 1200 | | | .3 | 0.010 | 0.002 | 0.010 | 0.230 | 0.002 | 0.010 | 101.0 | 10.0 | | 91 |
| 22 | 11 | 76 | 1115 | | | .3 | 0.011 | 0.002 | 0.020 | 0.240 | 0.001 | 0.030 | | 10.0 | | 91 |
| 14 | 12 | 76 | 1530 | | | .3 | 0.006 | 0.002 | 0.010 | 0.150 | 0.002 | 0.020 | | 1.0 | | 92 |
| MAXIMUM | | | | | | | 0.069 | 0.006 | 0.040 | 0.300 | 0.003 | 0.030 | 101.0 | 110.0 | 90 | 92 |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.003 | 0.018 | 0.222 | 0.002 | 0.020 | 96.0 | 22.9 | 90 | 87 |
| MINIMUM | | | | | | | 0.005 | 0.002 | 0.010 | 0.150 | 0.001 | 0.010 | 92.0 | 1.0 | 90 | 79 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 8 | 1 | 6 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 02 | 03 | 76 | 1300 | | | .3 | 144 | 0.70 | 1.0 | | | | | | | |
| 22 | 03 | 76 | 1100 | | | .3 | 140 | 1.10 | 1.0L | 2.0 | | | | 7.50 | 0.05 | |
| 21 | 04 | 76 | 0900 | | | .3 | 124 | 2.70 | 1.0 | 3.0 | 1.75 | | | 7.40 | | 0.050L |
| 26 | 04 | 76 | 1020 | | | .3 | 121 | 47.00 | 1.0 | 4.0 | 1.80 | | | 7.30 | | 2.000 |
| 18 | 05 | 76 | 1025 | | | .3 | 139 | 13.00 | 1.0 | 10.0 | 1.50 | | | 7.70 | | 0.700 |
| 21 | 06 | 76 | 1115 | | | .3 | 141 | 7.30 | 1.0L | 1.0 | 1.60 | | | 7.80 | | 0.450 |
| 10 | 08 | 76 | 0900 | | | .3 | | | | | 1.50 | | | | | |
| 21 | 09 | 76 | 1200 | | | .3 | 140 | 3.30 | 1.0 | 4.5 | 1.40 | | | 7.80 | | 0.200 |
| 22 | 11 | 76 | 1115 | | | .3 | 140 | 3.70 | 1.0L | 2.0 | | | | 7.60 | | 0.250 |
| 14 | 12 | 76 | 1530 | | | .3 | 142 | 1.20 | 1.0L | 1.0 | 1.45 | | | 7.60 | | 0.100 |
| MAXIMUM | | | | | | | 144 | 47.00 | 1.0 | 10.0 | 1.80 | | | 7.80 | 0.05 | 2.000 |
| AVG OR GEOM MN (*) | | | | | | | 137 | 8.89 | 1.0D | 3.4 | 1.57 | | | 7.59 | 0.05 | 0.536D |
| MINIMUM | | | | | | | 121 | 0.70 | 1.0 | 1.0 | 1.40 | | | 7.30 | 0.05 | 0.050 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 8 | 7 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 03 | 76 | 1030 | | .3 | | 255 | 2.00 | 33.0 | 10.0 | | | | 7.20 | 0.30 | |
| 12 | 04 | 76 | 1455 | | .3 | | 180 | 8.20 | | | | | | 7.30 | | |
| 20 | 04 | 76 | 1500 | | .3 | | 102 | 33.00 | 9.0 | 5.5 | 2.75 | | | 6.80 | | 3.600 |
| 18 | 05 | 76 | 0930 | | .3 | | 133 | 5.00 | 11.0 | 11.0 | 3.20 | | | 7.20 | | 0.600 |
| 21 | 06 | 76 | 1525 | | .3 | | 148 | 4.80 | 13.0 | 7.0 | 3.45 | | | 7.40 | | 0.700 |
| 12 | 08 | 76 | 1455 | | .3 | | | | | | 3.60 | | | | | |
| 21 | 09 | 76 | 1200 | | .3 | | 225 | 1.70 | 29.0 | 8.0 | 3.60 | | | 7.60 | | 0.200 |
| 18 | 10 | 76 | 1120 | | .3 | | 257 | 1.70 | 36.0 | 6.5 | 3.65 | | | 7.50 | | 0.220 |
| | | | 1145 | | .3 | | 140 | 1.50 | 1.0L | 2.5 | 1.50 | | | 7.80 | | 0.082 |
| 22 | 11 | 76 | 1030 | | .3 | | 307 | 1.70 | 43.0 | 8.0 | | | | 7.40 | | 0.250 |
| 14 | 12 | 76 | 1630 | | .3 | | 324 | 1.80 | 43.0 | 6.0 | 3.50 | | | 7.20 | | 0.300 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-----|-------|-------|------|------|--|--|------|------|-------|
| | | | | | | | 324 | 33.00 | 43.0 | 11.0 | 3.65 | | | 7.80 | 0.30 | 3.600 |
| | | | | | | | 207 | 6.14 | 24.20 | 7.2 | 3.16 | | | 7.34 | 0.30 | 0.744 |
| | | | | | | | 102 | 1.50 | 1.0 | 2.5 | 1.50 | | | 6.80 | 0.30 | 0.082 |
| | | | | | | | 10 | 10 | 9 | 9 | 8 | | | 10 | 1 | 8 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 22 | 03 | 76 | 1030 | | .3 | | | | | | | | | | 10 | |
| 12 | 04 | 76 | 1455 | | .3 | | | | | | | | | | 25 | |
| 20 | 04 | 76 | 1500 | | .3 | | | | | | | | | 17 | 35 | |
| 18 | 05 | 76 | 0930 | | .3 | | | | | | | | | 3 | 20 | |
| 21 | 06 | 76 | 1525 | | .3 | | | | | | | | | 12 | 60 | |
| 12 | 08 | 76 | 1455 | | .3 | | | | | | | | | | | |
| 21 | 09 | 76 | 1200 | | .3 | | | | | | | | | 10 | 10 | |
| 18 | 10 | 76 | 1120 | | .3 | | | | | | | | | 11 | 20 | 0 |
| | | | 1145 | | .3 | | | | | | | | | 6 | 20 | 1 |
| 22 | 11 | 76 | 1030 | | .3 | | | | | | | | | | 10 | |
| 14 | 12 | 76 | 1630 | | .3 | | | | | | | | | 3 | 20 | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----|---|
| | | | | | | | | | | | | | | 17 | 60 | 1 |
| | | | | | | | | | | | | | | 9 | 23 | 1 |
| | | | | | | | | | | | | | | 3 | 10 | 0 |
| | | | | | | | | | | | | | | 7 | 10 | 2 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 233 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 04 | 76 | 1500 | | .3 | | 0.01 L | 0.050L | | 0.030 | 0.037 | 0.012 | 0.004L | 0.009 | | 0.003L |
| 18 | 10 | 76 | 1120 | | .3 | | 0.010L | 0.100 | | 0.010L | 0.006 | 0.012L | 0.002 | 0.006 | | 0.004L |
| | | | 1145 | | .3 | | 0.010L | 0.050L | | 0.010L | 0.006 | 0.012L | 0.002 | 0.005 | | 0.004L |
| | | | | | | | 0.01 | 0.100 | | 0.030 | 0.037 | 0.012 | 0.004 | 0.009 | | 0.003 |
| | | | | | | | 0.0100 | 0.0670 | | 0.0170 | 0.016 | 0.0120 | 0.0030 | 0.007 | | 0.0050 |
| | | | | | | | 0.01 | 0.050 | | 0.010 | 0.006 | 0.012 | 0.002 | 0.005 | | 0.001 |
| | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: CURRENT RIVER
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB015

STATION ID: 01-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

STN NO 1 LAT LONG U.T.M. 16 0338350.0 5369000.0 4 REGION 06 MILEAGE 0.30

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1505 | | .3 | | 10010 | 4 | 45.80 | 8. | 4. | 1. | | 33.0 | 13.5 | 0.2 |
| 08 | 03 | 76 | 1230 | | .3 | | 10062 | 4 | 31.60 | 24. | 1. | 1. | | 0.5 | 12.6 | 1.4 |
| 31 | 03 | 76 | 1240 | | .3 | | 10086 | 4 | 49.20 | 4. | 1. | 16. | | 1.0 | 15.0 | 0.8 |
| 13 | 04 | 76 | 1430 | | .3 | | 10098 | 3 | 278.00 | 8. | 1. | 1. | | 3.0 | 13.0 | 1.8 |
| 11 | 05 | 76 | 1430 | | .3 | | 10157 | | 450.00 | 8. | 12. | 16. | | 13.0 | 11.5 | 1.2 |
| 17 | 06 | 76 | 1450 | | .3 | | 10216 | | 107.00 | | | | | 16.5 | 11.0 | 1.4 |
| 28 | 07 | 76 | 1430 | | .3 | | 10265 | | 57.90 | 140. | 8. | 196. | | 25.0 | 8.4 | 1.0 |
| 09 | 08 | 76 | 1250 | | .3 | | 10300 | | 44.50 | 220. | 8. | 1680. | | 24.5 | 8.3 | |
| 12 | 09 | 76 | 1200 | | .3 | | 10340 | | 19.70 | 44. | 32. | 56. | | | | 0.6 |
| 13 | 09 | 76 | 1430 | | .3 | | 10319 | | 19.00 | 1200. | 44. | 204. | | 17.0 | 8.1 | 1.8 |
| 15 | 11 | 76 | 1200 | | .3 | | 10380 | 6 4 | 11.20 | 60. | 1. | 36. | | 0.0 | 13.0 | 0.4 |
| 13 | 12 | 76 | 1040 | | .3 | | 10415 | 4 | 14.50 | 1. | 1. | 36. | | 0.5 | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--------|-------|-----|-------|--|------|------|-----|
| | | | | | | | | | 450.00 | 1200. | 44. | 1680. | | 33.0 | 15.0 | 1.8 |
| | | | | | | | | | 94.03 | 27.* | 4.* | 24.* | | 12.2 | 11.5 | 1.1 |
| | | | | | | | | | 11.20 | 1. | 1. | 1. | | 0.0 | 8.1 | 0.2 |
| | | | | | | | | | 12 | 11 | 11 | 11 | | 11 | 10 | 10 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1505 | | | .3 | | 0.006 | 0.004 | 0.100 | 0.330 | 0.003 | 0.030 | | 1. | | |
| 08 | 03 | 76 | 1230 | | | .3 | | 0.005 | 0.002 | 0.050 | 0.320 | 0.003 | 0.040 | | | | |
| 31 | 03 | 76 | 1240 | | | .3 | | 0.013 | 0.002 | 0.090 | 0.380 | 0.004 | 0.050 | | | | |
| 13 | 04 | 76 | 1430 | | | .3 | | 0.018 | 0.001 | 0.040 | 0.440 | 0.005 | 0.100 | | | | |
| 11 | 05 | 76 | 1430 | | | .3 | | 0.013 | 0.002 | 0.010 | 0.560 | 0.005 | 0.020 | | | | |
| 17 | 06 | 76 | 1450 | | | .3 | | 0.029 | 0.006 | 0.030 | 0.520 | 0.005 | 0.020 | | 3.0 | | |
| 28 | 07 | 76 | 1430 | | | .3 | | 0.009 | 0.002 | 0.020 | 0.420 | 0.004 | 0.010 | | | | |
| 09 | 08 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 0.008 | 0.002 | 0.070 | 0.320 | 0.006 | 0.020 | | 2.0 | | |
| 13 | 09 | 76 | 1430 | | | .3 | | 0.016 | 0.002 | 0.110 | 0.500 | 0.007 | 0.020 | | | | |
| 15 | 11 | 76 | 1200 | | | .3 | | 0.008 | 0.003 | 0.060 | 0.320 | 0.004 | 0.040 | | | | |
| 13 | 12 | 76 | 1040 | | | .3 | | 0.011 | 0.002 | 0.080 | 0.600 | 0.006 | 0.030 | | 2.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.029 0.006 0.110 0.600 0.007 0.100
0.012 0.003 0.060 0.428 0.005 0.035
0.005 0.001 0.010 0.320 0.003 0.010

NO OF SAMPLES

11 11 11 11 11 11

4

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1505 | | | .3 | | 75 | 0.95 | 1.0 | | | | | | | |
| 08 | 03 | 76 | 1230 | | | .3 | | 80 | 1.20 | 2.0 | | | | | | | |
| 31 | 03 | 76 | 1240 | | | .3 | | 94 | 2.10 | 5.0 | | | | | | | |
| 13 | 04 | 76 | 1430 | | | .3 | | 70 | 2.30 | 3.0 | | | | | | | |
| 11 | 05 | 76 | 1430 | | | .3 | | 47 | 0.75 | 1.0L | | | | | | | |
| 17 | 06 | 76 | 1450 | | | .3 | | 86 | 1.50 | 2.0 | | | | | | | |
| 28 | 07 | 76 | 1430 | | | .3 | | 74 | 2.00 | 2.0 | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 117 | 3.30 | 2.0 | | | | | | | |
| 13 | 09 | 76 | 1430 | | | .3 | | 99 | 5.70 | 2.0 | | | | | | | |
| 15 | 11 | 76 | 1200 | | | .3 | | 111 | 1.50 | 1.0 | | | | | | | |
| 13 | 12 | 76 | 1040 | | | .3 | | 134 | 1.70 | 2.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

134 5.70 5.0
90 2.09 2.10
47 0.75 1.0

NO OF SAMPLES

11 11 11

B.O.W. / SITE: CURRENT RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17 THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0104-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: CURRENT RIVER

STORET CODE: 02
001
7880

STN NO 2 LAT LONG U.T.M. 16 0338550.0 5372400.0 4 REGION 06 MILEAGE 1.80

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1500 | | | .3 | | 10011 | 4 | | 24. | 1. | 1. | | 33.0 | 14.5 | 0.8 |
| 08 | 03 | 76 | 1300 | | | .3 | | 10063 | 4 | | 16. | 8. | 1. | | 0.5 | 12.3 | 1.2 |
| 31 | 03 | 76 | 1300 | | | .3 | | 10087 | 4 | | 1. | 4. | 4. | | 0.5 | 14.5 | 0.6 |
| 13 | 04 | 76 | 1440 | | | .3 | | 10097 | 3 | | 1. | 1. | 4. | | 1.5 | 15.0 | 1.8 |
| 11 | 05 | 76 | 1440 | | | .3 | | 10158 | | | 1. | 1. | 4. | | 10.0 | 12.0 | 1.0 |
| 17 | 06 | 76 | 1435 | | | .3 | | 10217 | | | | | | | 18.0 | 11.3 | 1.6 |
| 28 | 07 | 76 | 1440 | | | .3 | | 10266 | | | 110. | 12. | 248. | | 22.0 | 8.4 | 1.0 |
| 09 | 08 | 76 | 1240 | | | .3 | | 10301 | | | 220. | 16. | 1880. | | 21.0 | 8.5 | |
| 12 | 09 | 76 | 1200 | | | .3 | | 10341 | | | 20. | 4. | 4. | | | | 1.0 |
| 13 | 09 | 76 | 1445 | | | .3 | | 10320 | | | 100. | 8. | 204. | | 17.0 | 8.3 | 0.8 |
| 15 | 11 | 76 | 1200 | | | .3 | | 10381 | 6 | | 60. | 1. | 1. | | 0.0 | 12.0 | 0.4 |
| 13 | 12 | 76 | 1010 | | | .3 | | 10416 | 4 | | 16. | 1. | 8. | | 0.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

220. 16. 1880.
16.* 3.* 11.*
1. 1. 1.

NO OF SAMPLES

11 11 11

11

10

10

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1500 | | | .3 | | 0.004 | 0.002 | 0.050 | 0.320 | 0.003 | 0.020 | | 1. | | |
| 08 | 03 | 76 | 1300 | | | .3 | | 0.007 | 0.003 | 0.030 | 0.320 | 0.004 | 0.040 | | | | |
| 31 | 03 | 76 | 1300 | | | .3 | | 0.013 | 0.002 | 0.070 | 0.360 | 0.004 | 0.050 | | | | |
| 13 | 04 | 76 | 1440 | | | .3 | | 0.032 | 0.001 | 0.040 | 0.520 | 0.005 | 0.100 | | | | |
| 11 | 05 | 76 | 1440 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.410 | 0.005 | 0.020 | | | | |
| 17 | 06 | 76 | 1435 | | | .3 | | 0.019 | 0.014 | 0.020 | 0.500 | 0.005 | 0.020 | | 2.0 | | |
| 28 | 07 | 76 | 1440 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.380 | 0.004 | 0.010 | | | | |
| 09 | 08 | 76 | 1240 | | | .3 | | | | | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 0.007 | 0.002 | 0.020 | 0.300 | 0.002 | 0.010 | | 2.0 | | |
| 13 | 09 | 76 | 1445 | | | .3 | | 0.006 | 0.001 | 0.010 | 0.300 | 0.004 | 0.010 | | | | |
| 15 | 11 | 76 | 1200 | | | .3 | | 0.007 | 0.003 | 0.010 | 0.270 | 0.004 | 0.030 | | | | |
| 13 | 12 | 76 | 1010 | | | .3 | | 0.010 | 0.002 | 0.020 | 0.350 | 0.006 | 0.020 | | 2.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.032 0.014 0.070 0.520 0.006 0.100
0.011 0.003 0.028 0.366 0.004 0.030
0.004 0.001 0.010 0.270 0.002 0.010

NO OF SAMPLES

11 11 11 11 11 11

4

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1500 | | | .3 | | 73 | 0.85 | 1.0 | | | | | | | |
| 08 | 03 | 76 | 1300 | | | .3 | | 75 | 0.95 | 2.0 | | | | | | | |
| 31 | 03 | 76 | 1300 | | | .3 | | 87 | 1.40 | 1.0 | | | | | | | |
| 13 | 04 | 76 | 1440 | | | .3 | | 62 | 3.30 | 2.0 | | | | | | | |
| 11 | 05 | 76 | 1440 | | | .3 | | 43 | 0.55 | 1.0L | | | | | | | |
| 17 | 06 | 76 | 1435 | | | .3 | | 80 | 1.10 | 2.0 | | | | | | | |
| 28 | 07 | 76 | 1440 | | | .3 | | 66 | 1.10 | 1.0 | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 101 | 0.80 | 1.0 | | | | | | | |
| 13 | 09 | 76 | 1445 | | | .3 | | 84 | 0.70 | 1. | | | | | | | |
| 15 | 11 | 76 | 1200 | | | .3 | | 103 | 2.30 | 1.0L | | | | | | | |
| 13 | 12 | 76 | 1010 | | | .3 | | 96 | 1.60 | 1.0L | | | | | | | |
| MAXIMUM | | | | | | | | 103 | 3.30 | 2.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 79 | 1.33 | 1.3D | | | | | | | |
| MINIMUM | | | | | | | | 43 | 0.55 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: MC VICAR CREEK
SAMPLE POINT: AT CUMBERLAND STREET THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0105-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC VICAR CREEK

STORET CODE: 02
001
7890

| STN NO | 1 | LAT | LONG | U.T.M. 16 0336200.0 5367350.0 4 | REGION 06 | MILEAGE | 0.20 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|------|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1530 | | | .3 | | 10009 | 4 | | 1300. | 4. | 1. | | 33.0 | 7.0 | 1.0 |
| 08 | 03 | 76 | 1145 | | | .3 | | 10061 | 4 | | 5800. | 1. | 1. | | 0.0 | 12.2 | 0.6 |
| 31 | 03 | 76 | 1145 | | | .3 | | 10085 | 4 | | 240. | 32. | 224. | | 0.5 | 14.5 | 2.4 |
| 13 | 04 | 76 | 1420 | | | .3 | | 10099 | 3 | | 28. | 4. | 4. | | 4.0 | 14.0 | 1.4 |
| 11 | 05 | 76 | 1415 | | | .3 | | 10156 | | | 12. | 1. | 8. | | 12.0 | 12.0 | 0.6 |
| 17 | 06 | 76 | 1500 | | | .3 | | 10215 | | | | | | | 13.0 | 11.8 | 2.4 |
| 28 | 07 | 76 | 1420 | | | .3 | | 10264 | | | 1100. | 110. | 210. | | 20.0 | 9.6 | 0.8 |
| 09 | 08 | 76 | 1305 | | | .3 | | 10299 | | | 1600. | 120. | 210. | | 23.0 | 8.4 | |
| 12 | 09 | 76 | 1200 | | | .3 | | 10339 | | | 32. | 8. | 20. | | | | 1.2 |
| 13 | 09 | 76 | 1415 | | | .3 | | 10318 | | | 1100. | 44. | 204. | | 16.0 | 8.4 | 1.4 |
| 15 | 11 | 76 | 1430 | | | .3 | | 10379 | | | 84. | 12. | 12. | | 0.0 | 14.0 | 0.2 |
| 13 | 12 | 76 | 1055 | | | .3 | | 10414 | 2 | | | | | | | | |
| MAXIMUM | | | | | | | | | | | 5800. | 120. | 224. | | 33.0 | 14.5 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 282.* | 11.* | 21.* | | 12.2 | 11.2 | 1.2 |
| MINIMUM | | | | | | | | | | | 12. | 1. | 1. | | 0.0 | 7.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 10 | 10 | | 10 | 10 | 10 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 | 01 | 76 | 1530 | | | .3 | | 0.006 | 0.003 | 0.260 | 0.330 | 0.007 | 0.230 | | | | |
| 08 | 03 | 76 | 1145 | | | .3 | | 0.008 | 0.003 | 0.060 | 0.230 | 0.004 | 0.230 | | 1. | | |
| 31 | 03 | 76 | 1145 | | | .3 | | 0.085 | 0.022 | 0.220 | 0.500 | 0.019 | 0.220 | | | | |
| 13 | 04 | 76 | 1420 | | | .3 | | 0.180 | 0.004 | 0.040 | 0.900 | 0.008 | 0.150 | | | | |
| 11 | 05 | 76 | 1415 | | | .3 | | 0.019 | 0.002 | 0.010 | 0.600 | 0.007 | 0.010 | | | | |
| 17 | 06 | 76 | 1500 | | | .3 | | 0.220 | 0.039 | 0.130 | 1.400 | 0.021 | 0.110 | | 85.0 | | |
| 28 | 07 | 76 | 1420 | | | .3 | | 0.012 | 0.002 | 0.030 | 0.420 | 0.005 | 0.120 | | | | |
| 09 | 08 | 76 | 1305 | | | .3 | | | | | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 0.008 | 0.002 | 0.020 | 0.320 | 0.009 | 0.510 | 310.0 | 3.0 | | |
| 13 | 09 | 76 | 1415 | | | .3 | | 0.010 | 0.002 | 0.010 | 0.310 | 0.007 | 0.790 | | | | |
| 15 | 11 | 76 | 1430 | | | .3 | | 0.006 | 0.003 | 0.020 | 0.320 | 0.004 | 0.650 | 310.0 | | | |
| 13 | 12 | 76 | 1055 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.220 | 0.039 | 0.260 | 1.400 | 0.021 | 0.790 | 310.0 | 85.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.055 | 0.008 | 0.080 | 0.533 | 0.009 | 0.302 | 310.0 | 29.7 | | |
| MINIMUM | | | | | | | | 0.006 | 0.002 | 0.010 | 0.230 | 0.004 | 0.010 | 310.0 | 1. | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 2 | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1530 | | | .3 | | 303 | 3.50 | 19.0 | | | | | | | |
| 08 | 03 | 76 | 1145 | | | .3 | | 335 | 5.00 | 24.0 | | | | | | | |
| 31 | 03 | 76 | 1145 | | | .3 | | 382 | 34.00 | 66.0 | | | | | | | |
| 13 | 04 | 76 | 1420 | | | .3 | | 161 | 43.00 | 13.0 | | | | | | | |
| 11 | 05 | 76 | 1415 | | | .3 | | 175 | 2.00 | 9.0 | | | | | | | |
| 17 | 06 | 76 | 1500 | | | .3 | | 196 | 46.00 | 12.0 | | | | | | | |
| 28 | 07 | 76 | 1420 | | | .3 | | 360 | 2.80 | 24.0 | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 485 | 4.90 | 45.0 | | | | | | | |
| 13 | 09 | 76 | 1415 | | | .3 | | 500 | 1.50 | 49.0 | | | | | | | |
| 15 | 11 | 76 | 1430 | | | .3 | | 467 | 2.30 | 41.0 | | | | | | | |
| MAXIMUM | | | | | | | | 500 | 46.00 | 66.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 336 | 14.50 | 30.2 | | | | | | | |
| MINIMUM | | | | | | | | 161 | 1.50 | 9.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: MC INTYRE RIVER
SAMPLE POINT: AT HAMMOND AVE THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB016

STATION ID: 01-0106-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

| STN NO | 1 | LAT | LONG | U.T.M. 16 0334850.0 5364000.0 4 | REGION 06 | MILEAGE | 0.60 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 01 76 | 1600 | | | | .3 | | 10008 | 4 | 2.40 | 12000E+3 | 12000. | 13200E+1 | | 38.0 | | 45.0 |
| 08 03 76 | 1130 | | | | .3 | | 10060 | 9 | 1.70 | 96000E+1 | 1300. | 4200. | | 3.5 | 5.7 | 45.0 |
| 22 03 76 | 1130 | | | | .3 | | 10075 | 9 | 2.70 | 26000E+2 | 15000E+1 | 10000E+1 | | 3.0 | 7.0 | 34.0 |
| 12 04 76 | 1240 | | | | .3 | | 10093 | 0 9 | 194.00 | | 40000E+2 | 18000E+1 | | 3.0 | 6.5 | 6.5 |
| 20 04 76 | 1150 | | | | .3 | | 10109 | 3 | 528.00 | 90000. | 11000E+1 | 5300. | | 6.0 | 12.5 | 4.0 |
| 20 05 76 | 1140 | | | | .3 | | 10175 | | 37.90 | | | | | | | 7.3 |
| 21 06 76 | 1315 | | | | .3 | | 10222 | 0 9 | 79.40 | 100. | 1. | 400. | | 18.0 | 8.5 | 4.4 |
| 12 08 76 | 1305 | | | | .3 | | 10297 | 0 9 6 | 16.10 | | | | | 20.5 | 0.5 | |
| 22 09 76 | 1330 | | | | .3 | | 10325 | 6 0 9 | 0.26 | 41000E+3 | 300. | 600. G | | 13.0 | 0.3 | 48.0 |
| 21 10 76 | 1310 | | | | .3 | | 10359 | 6 0 9 | 2.60 | 31000E+3 | 15000. | 15000E+1G | | 6.0 | 2.3 | 70.0 |
| 24 11 76 | 1350 | | | | .3 | | 10386 | 0 9 6 | 1.80 | 2200. | 38000. | 21000E+2 | | 2.5 | 1.5 | 50.0 |
| 15 12 76 | 1030 | | | | .3 | | 10421 | 0 9 6 | 0.01 | 39000E+2 | 600. | 110. | | 2.5 | 1.0 | 62.0 |
| MAXIMUM | | | | | | | | | 528.00 | 41000E+3 | 40000E+2 | 21000E+2 | | 38.0 | 12.5 | 70.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 72.24 | 52317E+* | 6344.* | 14597.* U | | 10.5 | 4.6 | 34.2 |
| MINIMUM | | | | | | | | | 0.01 | 100. | 1. | 110. | | 2.5 | 0.3 | 4.0 |
| NO OF SAMPLES | | | | | | | | | 12 | 9 | 10 | 10 | | 11 | 10 | 11 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 01 76 | 1600 | | | | .3 | | 3.200 | 1.800 | 8.000 | 16.000 | 0.013 | 0.010L | | 35.0 | | |
| 08 03 76 | 1130 | | | | .3 | | 3.100 | 1.400 | 10.000 | 15.000 | 0.010 | 0.010L | | | | |
| 22 03 76 | 1130 | | | | .3 | | 2.000 | 0.620 | 7.000 | 10.000 | 0.057 | 0.010 | 330.0 | 35.0 | 295 | |
| 12 04 76 | 1240 | | | | .3 | | | | | | | | 200.0 | 30.0 | 170 | |
| 20 04 76 | 1150 | | | | .3 | | 0.230 | 0.055 | 0.180 | 1.500 | 0.011 | 0.030 | | 30.0 | | 68 |
| 20 05 76 | 1140 | | | | .3 | | 0.700 | 0.190 | 1.300 | 5.000 | 0.016 | 0.030 | | 3.0 | | |
| 21 06 76 | 1315 | | | | .3 | | 0.370 | 0.120 | 0.690 | 2.900 | 0.010 | 0.090 | 210.0 | 10.0 | 200 | |
| 12 08 76 | 1305 | | | | .3 | | | | | | | | | | | |
| 22 09 76 | 1330 | | | | .3 | | 3.600 | 2.300 | 14.000 | 22.000 | 0.029 | 0.050 | 300.0 | 35.0 | 365 | |
| 21 10 76 | 1310 | | | | .3 | | 3.700 | 1.900 | 14.000 | 24.000 | 0.024 | 0.050 | 370.0 | 85.0 | 285 | |
| 24 11 76 | 1350 | | | | .3 | | 42.000 | 2.000 | 14.000 | 24.000 | 0.020 | 0.020 | 320.0 | 40.0 | | |
| 15 12 76 | 1030 | | | | .3 | | 4.300 | 2.400 | 15.000 | 24.000 | 0.020 | 0.030 | 280.0 | 30.0 | 250 | |
| MAXIMUM | | | | | | | 42.000 | 2.400 | 15.000 | 24.000 | 0.057 | 0.090 | 370.0 | 85.0 | 365 | 68 |
| AVG OR GEOM MN (*) | | | | | | | 6.320 | 1.279 | 8.417 | 14.440 | 0.021 | 0.033D | 287.1 | 33.3 | 261 | 68 |
| MINIMUM | | | | | | | 0.230 | 0.055 | 0.180 | 1.500 | 0.010 | 0.010 | 200.0 | 3.0 | 170 | 68 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 10 | 6 | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 01 76 | 1600 | | | | .3 | | 384 | 23.00 | 35.0 | | | | | | | |
| 08 03 76 | 1130 | | | | .3 | | 400 | 24.00 | 38.0 | | | | | | | |
| 22 03 76 | 1130 | | | | .3 | | 460 | 29.00 | 67.0 | 20.0 | | | | 7.00 | 2.30 | |
| 12 04 76 | 1240 | | | | .3 | | 222 | 13.00 | | | | | | 6.80 | | |
| 20 04 76 | 1150 | | | | .3 | | 105 | 9.30 | 9.0 | 8.5 | 3.70 | | | 6.40 | | 2.500 |
| 20 05 76 | 1140 | | | | .3 | | 258 | 9.50 | 27.0 | 19.0 | | | | 7.20 | | 1.400 |
| 21 06 76 | 1315 | | | | .3 | | 252 | 10.00 | 21.0 | 16.0 | 5.50 | | | 6.70 | | 1.900 |
| 12 08 76 | 1305 | | | | .3 | | | | | | | | | | | |
| 22 09 76 | 1330 | | | | .3 | | 520 | 27.00 | 51.0 | 24.0 | 4.60 | | | 6.90 | | 2.100 |
| 21 10 76 | 1310 | | | | .3 | | 520 | 37.00 | 49.0 | 23.0 | 5.75 | | | 6.60 | | 3.200 |
| 24 11 76 | 1350 | | | | .3 | | 500 | 34.00 | 38.0 | 21.0 | | | | 6.40 | | 1.900 |
| 15 12 76 | 1030 | | | | .3 | | 470 | 33.00 | 35.0 | 21.0 | 0.65 | | | 6.70 | | 1.900 |
| MAXIMUM | | | | | | | 520 | 37.00 | 67.0 | 24.0 | 5.75 | | | 7.20 | 2.30 | 3.200 |
| AVG OR GEOM MN (*) | | | | | | | 372 | 22.62 | 37.0 | 19.1 | 4.04 | | | 6.74 | 2.30 | 2.129 |
| MINIMUM | | | | | | | 105 | 9.30 | 9.0 | 8.5 | 0.65 | | | 6.40 | 2.30 | 1.400 |
| NO OF SAMPLES | | | | | | | 11 | 11 | 10 | 8 | 5 | | | 9 | 1 | 7 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 26 01 76 | 1600 | | | | .3 | | | | | | | | | | | |
| 08 03 76 | 1130 | | | | .3 | | | | | | | | | | | |
| 22 03 76 | 1130 | | | | .3 | | 25.0 | | | | | | | | 95 | |
| 12 04 76 | 1240 | | | | .3 | | | | | | | | | | 50 | |
| 20 04 76 | 1150 | | | | .3 | | | | | | | | | | 45 | |
| 20 05 76 | 1140 | | | | .3 | | 5.0 | | | | | | | | 50 | |
| 21 06 76 | 1315 | | | | .3 | | | | | | | | | | 60 | |
| 12 08 76 | 1305 | | | | .3 | | | | | | | | | | | |
| 22 09 76 | 1330 | | | | .3 | | | | | | | | | | 175 | |
| 21 10 76 | 1310 | | | | .3 | | | | | | | | | 89 | 180 | 13 |
| 24 11 76 | 1350 | | | | .3 | | 31.0 | | | | | | | 44 | 160 | |
| 15 12 76 | 1030 | | | | .3 | | 33.0 | | | | | | | 21 | 180 | |
| MAXIMUM | | | | | | | 33.0 | | | | | | | 89 | 180 | 13 |
| AVG OR GEOM MN (*) | | | | | | | 23.5 | | | | | | | 36 | 111 | 13 |
| MINIMUM | | | | | | | 5.0 | | | | | | | 17 | 45 | 13 |
| NO OF SAMPLES | | | | | | | 4 | | | | | | | 6 | 9 | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 233 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 04 | 76 | 1150 | | | .3 | | 0.01 L | 0.050L | | 0.010L | 0.019 | 0.013 | 0.004L | 0.013 | | 0.009L |
| 21 | 10 | 76 | 1310 | | | .3 | | 0.010L | 0.142 | | 0.010L | 0.081 | 0.021 | 0.002 | 0.085 | | 0.004L |
| MAXIMUM | | | | | | | | 0.01 | 0.142 | | 0.010 | 0.081 | 0.021 | 0.004 | 0.085 | | 0.009 |
| AVG OR GEOM MN (*) | | | | | | | | 0.010D | 0.096D | | 0.010D | 0.050 | 0.017 | 0.003D | 0.049 | | 0.006D |
| MINIMUM | | | | | | | | 0.01 | 0.050 | | 0.010 | 0.019 | 0.013 | 0.002 | 0.013 | | 0.004 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W. / SITE: MC INTYRE RIVER
SAMPLE POINT: HIGHWAY 11 & 17 CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0106-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC INTYRE RIVER

STORET CODE: 02
001
7900

STN NO 2 LAT LONG U.T.M. 16 0333600.0 5362975.0 4 REGION 06 MILEAGE 1.20

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1430 | | | .3 | | 10012 | 4 | | 152. | 4. | 1. | | | | 0.4 |
| 08 | 03 | 76 | 1315 | | | .3 | | 10064 | | | 144. | 1. | 1. | | | | 0.8 |
| 31 | 03 | 76 | 1310 | | | .3 | | 10088 | 4 | | 280. | 44. | 304. | | | | 1.2 |
| 13 | 04 | 76 | 1300 | | | .3 | | 10096 | 5 | | 48. | 1. | 44. | | 1.0 | 14.0 | 1.8 |
| 11 | 05 | 76 | 1500 | | | .3 | | 10159 | | | 28. | 8. | 4. | | 11.0 | 12.0 | 1.0 |
| 17 | 06 | 76 | 1420 | | | .3 | | 10218 | | | | | | | 13.0 | 11.5 | 1.2 |
| 28 | 07 | 76 | 1500 | | | .3 | | 10267 | | | 190. | 1. | 156. | | 21.5 | 8.7 | 0.8 |
| 09 | 08 | 76 | 1230 | | | .3 | | 10302 | | | 370. | 4. | 224. | | 21.0 | 9.1 | |
| 12 | 09 | 76 | 1200 | | | .3 | | 10342 | | | 20. | 8. | 24. | | | | 1.2 |
| 13 | 09 | 76 | 1450 | | | .3 | | 10321 | | | 260. | 16. | 232. | | 17.7 | 7.7 | 1.0 |
| 15 | 11 | 76 | 1530 | | | .3 | | 10382 | 6 4 | | 540. | 4. | 4. | | 0.0 | 13.5 | 0.2 |
| 13 | 12 | 76 | 0930 | | | .3 | | 10417 | 4 | | 100. | 8. | 60. | | 0.0 | | |
| MAXIMUM | | | | | | | | | | | 540. | 44. | 304. | | 21.5 | 14.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 129.* | 5.* | 25.* | | 10.7 | 10.9 | 1.0 |
| MINIMUM | | | | | | | | | | | 20. | 1. | 1. | | 0.0 | 7.7 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 11 | 11 | | 8 | 7 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1430 | | | .3 | | 0.008 | 0.004 | 0.040 | 0.280 | 0.005 | 0.060 | | 1. | | |
| 08 | 03 | 76 | 1315 | | | .3 | | 0.010 | 0.006 | 0.020 | 0.240 | 0.004 | 0.070 | | | | |
| 31 | 03 | 76 | 1310 | | | .3 | | 0.031 | 0.013 | 0.170 | 0.560 | 0.007 | 0.150 | | | | |
| 13 | 04 | 76 | 1300 | | | .3 | | 0.160 | 0.005 | 0.040 | 0.550 | 0.008 | 0.160 | | | | |
| 11 | 05 | 76 | 1500 | | | .3 | | 0.015 | 0.002 | 0.010 | 0.710 | 0.005 | 0.010 | | | | |
| 17 | 06 | 76 | 1420 | | | .3 | | 0.032 | 0.002 | 0.020 | 0.700 | 0.005 | 0.010 | | 3.0 | | |
| 28 | 07 | 76 | 1500 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.420 | 0.003 | 0.010 | | | | |
| 09 | 08 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 0.008 | 0.003 | 0.020 | 0.230 | 0.002 | 0.010L | | 2.0 | | |
| 13 | 09 | 76 | 1450 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.290 | 0.004 | 0.020 | | | | |
| 15 | 11 | 76 | 1530 | | | .3 | | 0.005 | 0.003 | 0.020 | 0.270 | 0.002 | 0.040 | | | | |
| 13 | 12 | 76 | 0930 | | | .3 | | 0.011 | 0.002 | 0.010 | 0.570 | 0.006 | 0.140 | 450.0 | 2.0 | | |
| MAXIMUM | | | | | | | | 0.160 | 0.013 | 0.170 | 0.710 | 0.008 | 0.160 | 450.0 | 3.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.027 | 0.004 | 0.034 | 0.438 | 0.005 | 0.062D | 450.0 | 2.0 | | |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.010 | 0.230 | 0.002 | 0.010 | 450.0 | 1. | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 1 | 4 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1430 | | | .3 | | 176 | 3.60 | 5.0 | | | | | | | |
| 08 | 03 | 76 | 1315 | | | .3 | | 175 | 3.80 | 7.0 | | | | | | | |
| 31 | 03 | 76 | 1310 | | | .3 | | 222 | 5.40 | 18.0 | | | | | | | |
| 13 | 04 | 76 | 1300 | | | .3 | | 119 | 33.00 | 8.0 | | | | | | | |
| 11 | 05 | 76 | 1500 | | | .3 | | 104 | 2.00 | 4.0 | | | | | | | |
| 17 | 06 | 76 | 1420 | | | .3 | | 144 | 2.70 | 5.0 | | | | | | | |
| 28 | 07 | 76 | 1500 | | | .3 | | 212 | 1.20 | 9.0 | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 240 | 0.95 | 13.0 | | | | | | | |
| 13 | 09 | 76 | 1450 | | | .3 | | 255 | 0.90 | 14. | | | | | | | |
| 15 | 11 | 76 | 1530 | | | .3 | | 215 | 13.00 | 6.0 | | | | | | | |
| 13 | 12 | 76 | 0930 | | | .3 | | 630 | 1.70 | 30.0 | | | | | | | |
| MAXIMUM | | | | | | | | 630 | 33.00 | 30.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 227 | 6.21 | 10.8 | | | | | | | |
| MINIMUM | | | | | | | | 104 | 0.90 | 4.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: AT 110TH AVE THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB008

STATION ID: 01-0107-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02
001
7910

| STN NO | 1 | LAT | LONG | U.T.M. 16 0333875.0 5363125.0 4 | REGION 06 | MILEAGE | 0.50 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 26 01 76 1545 | | | .3 | | 10007 | 4 | 3.70 | 1800. | 132. | 36. | | 33.0 | 14.0 | 1.4 |
| 08 03 76 1130 | | | .3 | | 10059 | 4 | 3.40 | 1000. | 224. | 88. | | 0.5 | 9.8 | 3.0 |
| 13 04 76 1400 | | | .3 | | 10100 | 3 | 632.00 | 36. | 16. | 40. | | 3.0 | 14.0 | 1.8 |
| 11 05 76 1355 | | | .3 | | 10155 | | 60.00 | 10000E+1 | 100. | 1000. | | 12.0 | 11.0 | 1.2 |
| 17 06 76 1515 | | | .3 | | 10213 | | 78.70 | | | | | 16.0 | 12.0 | 2.0 |
| 28 07 76 1400 | | | .3 | | 10263 | | 2.70 | 1000. | 100. | 100. | | 19.0 | 12.6 | 1.6 |
| 09 08 76 1340 | | | .3 | | 10282 | | 2.80 | 700. | 1. | 40. | | 20.5 | 9.0 | |
| 12 09 76 1200 | | | .3 | | 10338 | | 2.00 | 400. | 24. | 8. | | | | 3.4 |
| 13 09 76 1355 | | | .3 | | 10317 | | 2.20 | 130. | 4. | 20. | | 17.0 | 6.8 | 1.5 |
| 15 11 76 1400 | | | .3 | | 10378 | 6 4 | 3.00 | 36. | 4. | 1. | | 0.5 | 12.5 | 1.4 |
| 13 12 76 1120 | | | .3 | | 10413 | 4 | 1.70 | 56. | 1. | 4. | | 0.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 01 76 1545 | | | .3 | | 0.027 | 0.003 | 0.270 | 0.730 | 0.008 | 0.110 | | 5.0 | | |
| 08 03 76 1130 | | | .3 | | 0.050 | 0.004 | 0.290 | 1.400 | 0.006 | 0.150 | | | | |
| 13 04 76 1400 | | | .3 | | 0.190 | 0.007 | 0.080 | 0.900 | 0.010 | 0.140 | | | | |
| 11 05 76 1355 | | | .3 | | 0.034 | 0.005 | 0.070 | 0.800 | 0.006 | 0.020 | | | | |
| 17 06 76 1515 | | | .3 | | 0.044 | 0.012 | 0.050 | 0.770 | 0.008 | 0.030 | | 10.0 | | |
| 28 07 76 1400 | | | .3 | | 0.044 | 0.002 | 0.050 | 0.660 | 0.008 | 0.030 | | | | |
| 09 08 76 1340 | | | .3 | | | | | | | | 320.0 | 9.0 | | |
| 12 09 76 1200 | | | .3 | | 0.056 | 0.003 | 0.040 | 0.760 | 0.010 | 0.010 | | | | |
| 13 09 76 1355 | | | .3 | | 0.028 | 0.002 | 0.040 | 0.500 | 0.005 | 0.030 | | | | |
| 15 11 76 1400 | | | .3 | | 0.032 | 0.006 | 0.150 | 0.720 | 0.017 | 0.130 | 390.0 | | | |
| 13 12 76 1120 | | | .3 | | 0.040 | 0.002 | 0.670 | 1.800 | 0.013 | 0.070 | 440.0 | 5.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 26 01 76 1545 | | | .3 | | 356 | 23.00 | 27.0 | | | | | | | |
| 08 03 76 1130 | | | .3 | | 365 | 18.00 | 31.0 | | | | | | | |
| 13 04 76 1400 | | | .3 | | 132 | 37.00 | 7.0 | | | | | | | |
| 11 05 76 1355 | | | .3 | | 203 | 5.00 | 12.0 | | | | | | | |
| 17 06 76 1515 | | | .3 | | 265 | 10.00 | 16.0 | | | | | | | |
| 28 07 76 1400 | | | .3 | | 230 | 3.80 | 14.0 | | | | | | | |
| 12 09 76 1200 | | | .3 | | 460 | 6.80 | 39.0 | | | | | | | |
| 13 09 76 1355 | | | .3 | | 307 | 2.50 | 22.0 | | | | | | | |
| 15 11 76 1400 | | | .3 | | 600 | 6.70 | 77.0 | | | | | | | |
| 13 12 76 1120 | | | .3 | | 660 | 7.50 | 59.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: NEEBING RIVER
SAMPLE POINT: AT HIGHWAYS 11 AND 17 WEST OF MAPLEWARD SIDE ROAD
STATION TYPE: RIVER

STATION ID: 01-0107-002-C2

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: NEEBING RIVER

STORET CODE: 02
001
7910

| STN NO | 2 | LAT | LONG | U.T.M. 16 0325400.0 5361200.0 4 | REGION 06 | MILEAGE | 8.60 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 26 01 76 1400 | | | .3 | | 10013 | 4 | | 304. | 12. | 20. | | 34.0 | 13.0 | 0.4 |
| 08 03 76 1330 | | | .3 | | 10065 | 4 | | 164. | 8. | 1. | | 0.5 | 12.8 | 2.0 |
| 31 03 76 1400 | | | .3 | | 10089 | 4 | | 728. | 12. | 120. | | 0.5 | 14.2 | 1.0 |
| 13 04 76 1520 | | | .3 | | 10095 | 3 9 | | 8. | 12. | 36. | | 3.0 | 13.0 | 1.6 |
| 11 05 76 1515 | | | .3 | | 10160 | | | 260. | 12. | 1. | | 13.0 | 12.0 | 0.4 |
| 17 06 76 1400 | | | .3 | | 10219 | | | | | | | 14.5 | 10.3 | 1.2 |
| 28 07 76 1510 | | | .3 | | 10268 | | | 190. | 1. | 8. | | 19.0 | 8.4 | 0.8 |
| 09 08 76 1210 | | | .3 | | 10303 | | | 6300. | 16. | 20. | | 18.5 | 8.3 | |
| 12 09 76 1200 | | | .3 | | 10343 | | | 200. | 4. | L 48. | | | | 2.4 |
| 13 09 76 1510 | | | .3 | | 10322 | | | 320. | 4. | 12. | | 17.5 | 7.5 | 1.2 |
| 15 11 76 1545 | | | .3 | | 10383 | 6 4 | | 44. | 4. | 12. | | 0.0 | 11.5 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1400 | | | .3 | | 0.004 | 0.002 | 0.050 | 0.300 | 0.005 | 0.090 | | 2. | | |
| 08 | 03 | 76 | 1330 | | | .3 | | 0.009 | 0.004 | 0.030 | 0.300 | 0.006 | 0.100 | | | | |
| 31 | 03 | 76 | 1400 | | | .3 | | 0.029 | 0.013 | 0.170 | 0.600 | 0.009 | 0.170 | | | | |
| 13 | 04 | 76 | 1520 | | | .3 | | 0.300 | 0.006 | 0.060 | 1.200 | 0.008 | 0.140 | | | | |
| 11 | 05 | 76 | 1515 | | | .3 | | 0.011 | 0.001 | 0.030 | 0.630 | 0.003 | 0.010 | | | | |
| 17 | 06 | 76 | 1400 | | | .3 | | 0.020 | 0.004 | 0.020 | 0.760 | 0.005 | 0.020 | | 2.0 | | |
| 28 | 07 | 76 | 1510 | | | .3 | | 0.013 | 0.002 | 0.020 | 0.460 | 0.003 | 0.010 | | | | |
| 09 | 08 | 76 | 1210 | | | .3 | | | | | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 0.018 | 0.003 | 0.020 | 0.310 | 0.004 | 0.010 | | 4.0 | | |
| 13 | 09 | 76 | 1510 | | | .3 | | 0.017 | 0.001 | 0.030 | 0.500 | 0.004 | 0.010 | | | | |
| 15 | 11 | 76 | 1545 | | | .3 | | 0.009 | 0.003 | 0.040 | 0.270 | 0.002 | 0.020 | 290.0 | | | |
| MAXIMUM | | | | | | | | 0.300 | 0.013 | 0.170 | 1.200 | 0.009 | 0.170 | 290.0 | 4.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.043 | 0.004 | 0.047 | 0.533 | 0.005 | 0.058 | 290.0 | 2.7 | | |
| MINIMUM | | | | | | | | 0.004 | 0.001 | 0.020 | 0.270 | 0.002 | 0.010 | 290.0 | 2. | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 1 | 3 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1400 | | | .3 | | 270 | 6.30 | 13.0 | | | | | | | |
| 08 | 03 | 76 | 1330 | | | .3 | | 280 | 9.10 | 15.0 | | | | | | | |
| 31 | 03 | 76 | 1400 | | | .3 | | 272 | 9.10 | 20.0 | | | | | | | |
| 13 | 04 | 76 | 1520 | | | .3 | | 123 | 46.00 | 5.0 | | | | | | | |
| 11 | 05 | 76 | 1515 | | | .3 | | 149 | 2.00 | 6.0 | | | | | | | |
| 17 | 06 | 76 | 1400 | | | .3 | | 216 | 2.10 | 8.0 | | | | | | | |
| 28 | 07 | 76 | 1510 | | | .3 | | 294 | 3.00 | 16.0 | | | | | | | |
| 12 | 09 | 76 | 1200 | | | .3 | | 386 | 5.30 | 45.0 | | | | | | | |
| 13 | 09 | 76 | 1510 | | | .3 | | 354 | 4.7 | 26. | | | | | | | |
| 15 | 11 | 76 | 1545 | | | .3 | | 460 | 1.90 | 3.0 | | | | | | | |
| MAXIMUM | | | | | | | | 460 | 46.00 | 45.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 280 | 8.95 | 15.7 | | | | | | | |
| MINIMUM | | | | | | | | 123 | 1.90 | 3.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: KAMINISTUIQUA RIVER
SAMPLE POINT: AT HIGHWAY NO 61B THUNDER BAY
STATION TYPE: RIVER FLOW GAUGE FED 02AB006

STATION ID: 01-0108-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTUIQUA RIVER

STORET CODE: 02
001
7920

| STN NO | 1 | LAT | LONG | U.T.M. | 16 | 0330550.0 | 5358500.0 | 4 | REGION | 06 | MILEAGE | 4.20 | | | | | |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1200 | | | .3 | | 10005 | 4 | 1990.00 | 900. | 196. | 116. | | 34.0 | 13.5 | 1.0 |
| 04 | 02 | 76 | 1020 | | | .3 | | 10016 | 4 0 | 1780.00 | 1400. | 28. | 96. | | 0.5 | 13.0 | 1.9 |
| 10 | 02 | 76 | 0930 | | | .3 | | 10022 | 4 | 1620.00 | 116. | 104. | 192. | | 0.0 | 6.8 | 2.6 |
| 18 | 02 | 76 | 0940 | | | .3 | | 10030 | 4 | 1720.00 | 1600. | 104. | 80. | | 0.5 | 12.1 | 2.2 |
| 25 | 02 | 76 | 0920 | | | .3 | | 10037 | 4 | 1680.00 | 1500. | 280. | 184. | | 0.5 | 7.3 | 6.5 |
| 03 | 03 | 76 | 1140 | | | .3 | | 10051 | 4 | 1770.00 | 4100. | 210. | 412. | | 0.5 | 13.0 | 12.0 |
| 08 | 03 | 76 | 1405 | | | .3 | | 10057 | 4 0 9 | 1650.00 | 5600. | 260. | 280. | | 0.5 | 12.2 | 8.0 |
| 22 | 03 | 76 | 1045 | | | .3 | | 10074 | 9 | 2030.00 | 2400. | 192. | 200. | | 2.0 | 12.0 | 8.5 |
| 31 | 03 | 76 | 1020 | | | .3 | | 10081 | 9 0 | 2190.00 | 2800. | 450. | 212. | | 1.0 | 10.0 | 9.0 |
| 12 | 04 | 76 | 1200 | | | .3 | | 10092 | | 2860.00 | 4900. | 210. | 30. | | 1.0 | 11.5 | 3.8 |
| 14 | 04 | 76 | 1055 | | | .3 | | 10102 | 9 0 3 | 4390.00 | 1400. | 110. | 140. | | 2.0 | 13.0 | 5.0 |
| 20 | 04 | 76 | 1130 | | | .3 | | 10108 | 3 | 7920.00 | 1130. | 104. | 40. | | 5.5 | 13.5 | 2.4 |
| 07 | 05 | 76 | 1205 | | | .3 | | 10139 | | 2540.00 | 1200. | 136. | 92. | | 8.8 | 9.5 | 6.5 |
| 11 | 05 | 76 | 1200 | | | .3 | | 10152 | | 1990.00 | 13000E+1 | 670. | 100. | | 13.0 | 8.0 | 12.0 |
| 17 | 05 | 76 | 1225 | | | .3 | | 10171 | | 1820.00 | 26000E+1 | 1110. | 100. | | 15.0 | 8.4 | |
| 20 | 05 | 76 | 1101 | | | .3 | | 10174 | | 1580.00 | | | | | 5.5 | 13.5 | 14.0 |
| 17 | 06 | 76 | 1255 | | | .3 | | 10210 | | 1050.00 | | | | | 17.0 | 6.0 | 7.0 |
| 21 | 06 | 76 | 1230 | | | .3 | | 10221 | 0 9 | 1190.00 | 1000. | 152. | 76. | | 20.5 | 9.0 | 7.5 |
| 19 | 07 | 76 | 1535 | | | .3 | | 10252 | | 1470.00 | 19000E+1 | 430. | 156. | | 24.0 | 6.7 | 11. |
| 10 | 08 | 76 | 1430 | | | .3 | | 10279 | | 722.00 | 36000E+2 | 290. | 88. | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | | 10296 | 0 9 6 | 719.00 | | | | | 23.0 | 5.4 | |
| 13 | 09 | 76 | 1310 | | | .3 | | 10314 | | 730.00 | 26000E+1 | 440. | 76. | | 18.5 | 4.2 | 25.0 |
| 22 | 09 | 76 | 1345 | | | .3 | | 10324 | 6 0 9 | 695.00 | 22000E+1 | 600. | G 360. | | 13.0 | 2.8 | 32.0 |
| 12 | 10 | 76 | 1200 | | | .3 | | 10354 | | 1020.00 | 9000. | 540. | 550. | | 9.5 | 8.7 | 25.0 |
| 21 | 10 | 76 | 1500 | | | .3 | | 10358 | 6 0 9 | 1100.00 | 60000. | 600. | G 164. | | 7.0 | 8.2 | 24.0 |
| 15 | 11 | 76 | 1020 | | | .3 | | 10376 | 6 | 1010.00 | 17000E+1 | 110. | 380. | | 1.5 | 11.5 | 18.0 |
| 24 | 11 | 76 | 0930 | | | .3 | | 10385 | 0 9 0 | 1290.00 | 12000E+1 | 310. | 460. | | 3.0 | 12.0 | 17.0 |
| 29 | 11 | 76 | 1050 | | | .3 | | 10402 | 4 0 9 | 1240.00 | 7800. | 190. | 30. | | 2.0 | 11.0 | 27.0 |
| 13 | 12 | 76 | 1305 | | | .3 | | 10411 | 4 | 1430.00 | 1700. | 20. | 290. | | | | 17.0 |
| 15 | 12 | 76 | 0945 | | | .3 | | 10420 | 0 9 | 1320.00 | 50000. | 140. | 164. | | 2.5 | 11.0 | 23.0 |
| 20 | 12 | 76 | 0935 | | | .3 | | 10435 | 4 | 738.00 | 48000. | 130. | 290. | | 0.0 | 10.0 | 30.0 |
| 29 | 12 | 76 | 0930 | | | .3 | | 10438 | 4 | 598.00 | 40000. | 100. | 310. | | 0.5 | 10.5 | 26.0 |
| MAXIMUM | | | | | | | | | | 7920.00 | 36000E+2 | 1110. | 550. | | 34.0 | 13.5 | 32.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1745.38 | 11693.* | 202.* U | 150.* | | 7.7 | 9.8 | 13.3 |
| MINIMUM | | | | | | | | | | 598.00 | 116. | 20. | 30. | | 0.0 | 2.8 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 32 | 29 | 29 | 29 | | 30 | 30 | 29 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1200 | | | .3 | | 0.014 | | | | | | | 5.0 | | |
| 04 | 02 | 76 | 1020 | | | .3 | | 0.016 | 0.007 | 0.040 | 0.430 | 0.005 | 0.030 | | 5.0 | | |
| 10 | 02 | 76 | 0930 | | | .3 | | 0.032 | | | | | | | 5.0 | | |
| 18 | 02 | 76 | 0940 | | | .3 | | 0.017 | | | | | | | 5.0 | | |
| 25 | 02 | 76 | 0920 | | | .3 | | 0.032 | | | | | | | 9.0 | | |
| 03 | 03 | 76 | 1140 | | | .3 | | 0.042 | | | | | | | 5.0 | | |
| 08 | 03 | 76 | 1405 | | | .3 | | 0.021 | 0.004 | 0.030 | 0.420 | 0.006 | 0.010L | | | | |
| 22 | 03 | 76 | 1045 | | | .3 | | 0.029 | 0.004 | 0.040 | 0.500 | 0.007 | 0.010L | 92.0 | 5.0 | | 87 |
| 31 | 03 | 76 | 1020 | | | .3 | | 0.026 | 0.004 | 0.070 | 0.410 | 0.008 | 0.010L | 170.0 | 55.0 | 115 | |
| 12 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 14 | 04 | 76 | 1055 | | | .3 | | 0.200 | 0.030 | 0.110 | 0.900 | 0.018 | 0.060 | | | | |
| 20 | 04 | 76 | 1130 | | | .3 | | 0.110 | 0.016 | 0.080 | 0.700 | 0.013 | 0.020 | | 70.0 | | 39 |
| 07 | 05 | 76 | 1205 | | | .3 | | 0.024 | | | | | | | | | |
| 11 | 05 | 76 | 1200 | | | .3 | | 0.036 | 0.008 | 0.030 | 0.660 | 0.010 | 0.010L | | | | |
| 17 | 05 | 76 | 1225 | | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 1101 | | | .3 | | 0.035 | 0.008 | 0.040 | 0.580 | 0.007 | 0.010L | | 1.0 | | |
| 17 | 06 | 76 | 1255 | | | .3 | | 0.036 | 0.014 | 0.040 | 0.760 | 0.009 | 0.010 | | 10.0 | | |
| 21 | 06 | 76 | 1230 | | | .3 | | 0.054 | 0.016 | 0.030 | 1.100 | 0.012 | 0.020 | 160.0 | 10.0 | 150 | |
| 19 | 07 | 76 | 1535 | | | .3 | | 0.033 | 0.008 | 0.020 | 0.630 | 0.006 | 0.010 | | | | |
| 10 | 08 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1310 | | | .3 | | 0.048 | 0.011 | 0.030 | 0.620 | 0.012 | 0.010 | | | | |
| 22 | 09 | 76 | 1345 | | | .3 | | 0.045 | 0.013 | 0.040 | 0.560 | 0.011 | 0.010 | 143.0 | 10.0 | | 133 |
| 12 | 10 | 76 | 1200 | | | .3 | | 0.038 | 0.009 | 0.030 | 0.460 | 0.010 | 0.010 | | 6.0 | | |
| 21 | 10 | 76 | 1500 | | | .3 | | 0.033 | 0.009 | 0.060 | 0.560 | 0.010 | 0.010 | | 10.0 | | 102 |
| 15 | 11 | 76 | 1020 | | | .3 | | 0.035 | 0.014 | 0.030 | 0.440 | 0.008 | 0.010 | | | | |
| 24 | 11 | 76 | 0930 | | | .3 | | 0.036 | 0.008 | 0.070 | 0.500 | 0.012 | 0.010L | | 10.0 | | |
| 29 | 11 | 76 | 1050 | | | .3 | | 0.040 | 0.024 | 0.130 | 0.520 | 0.014 | 0.010 | | 5.0 | | |
| 13 | 12 | 76 | 1305 | | | .3 | | 0.035 | 0.009 | 0.040 | 0.520 | 0.019 | 0.020 | | 5.0 | | |
| 15 | 12 | 76 | 0945 | | | .3 | | 0.050 | 0.020 | 0.050 | 0.390 | 0.017 | 0.020 | | 2.0 | | 135 |
| 20 | 12 | 76 | 0935 | | | .3 | | 0.048 | 0.011 | 0.020 | 0.730 | 0.012 | 0.010 | | 5.0 | | |
| 29 | 12 | 76 | 0930 | | | .3 | | 0.052 | 0.011 | 0.050 | 0.660 | 0.012 | 0.010 | | 5.0 | | |
| MAXIMUM | | | | | | | | 0.200 | 0.030 | 0.130 | 1.100 | 0.019 | 0.060 | 170.0 | 70.0 | 150 | 135 |
| AVG OR GEOM MN (-) | | | | | | | | 0.043 | 0.012 | 0.049 | 0.593 | 0.011 | 0.015D | 141.3 | 11.6 | 133 | 99 |
| MINIMUM | | | | | | | | 0.014 | 0.004 | 0.020 | 0.390 | 0.005 | 0.010 | 92.0 | 1.0 | 115 | 39 |
| NO OF SAMPLES | | | | | | | | 28 | 22 | 22 | 22 | 22 | 22 | 4 | 21 | 2 | 5 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1200 | | | .3 | | 6 | 2.60 | 6.0 | | | | | | | |
| 04 | 02 | 76 | 1020 | | | .3 | | 84 | 1.70 | | | | | | | | |
| 10 | 02 | 76 | 0930 | | | .3 | | 200 | 2.00 | | | | | | | | |
| 18 | 02 | 76 | 0940 | | | .3 | | 107 | 2.40 | | | | | | | | |
| 25 | 02 | 76 | 0920 | | | .3 | | 85 | 2.30 | | | | | | | | |
| 03 | 03 | 76 | 1140 | | | .3 | | 145 | 3.70 | | | | | | | | |
| 08 | 03 | 76 | 1405 | | | .3 | | 100 | 2.80 | 3.0 | | | | | | | |
| 22 | 03 | 76 | 1045 | | | .3 | | 134 | 5.80 | 11.0 | 11.0 | | | | 6.70 | 0.55 | |
| 31 | 03 | 76 | 1020 | | | .3 | | 140 | 6.30 | 11.0 | | | | | | | |
| 12 | 04 | 76 | 1200 | | | .3 | | 107 | 37.00 | | | | | | 6.70 | | |
| 14 | 04 | 76 | 1055 | | | .3 | | 94 | 98.00 | 3.0 | | | | | | | |
| 20 | 04 | 76 | 1130 | | | .3 | | 60 | 37.00 | 3.0 | 7.0 | 3.25 | | | 6.20 | | 4.900 |
| 07 | 05 | 76 | 1205 | | | .3 | | 110 | 6.40 | 8.0 | | | | | | | |
| 11 | 05 | 76 | 1200 | | | .3 | | 122 | 6.40 | 10.0 | | | | | | | |
| 20 | 05 | 76 | 1101 | | | .3 | | 128 | 6.60 | 10.0 | 16.0 | | | | 6.90 | | 0.750 |
| 17 | 06 | 76 | 1255 | | | .3 | | 180 | 12.00 | 12.0 | | | | | | | |
| 21 | 06 | 76 | 1230 | | | .3 | | 129 | 13.00 | 7.0 | 14.0 | 3.90 | | | 6.60 | | 1.500 |
| 19 | 07 | 76 | 1535 | | | .3 | | 128 | 4.2 | 12. | | | | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | | | | | | 3.00 | | | | | |
| 13 | 09 | 76 | 1310 | | | .3 | | 215 | 5.30 | 25.0 | | | | | | | |
| 22 | 09 | 76 | 1345 | | | .3 | | 205 | 5.70 | 22.0 | 22.0 | 2.90 | | | 6.30 | | 1.000 |
| 12 | 10 | 76 | 1200 | | | .3 | | 159 | 4.70 | 16.0 | | | | | | | |
| 21 | 10 | 76 | 1500 | | | .3 | | 157 | 6.30 | 13.0 | 16.0 | 2.95 | | | 6.40 | | 0.750 |
| 15 | 11 | 76 | 1020 | | | .3 | | 141 | 1.70 | 13.0 | | | | | | | |
| 24 | 11 | 76 | 0930 | | | .3 | | 148 | 4.70 | 11.0 | 13.0 | | | | 6.80 | | 0.200 |
| 29 | 11 | 76 | 1050 | | | .3 | | 223 | 4.70 | 21.0 | | | | | | | |
| 13 | 12 | 76 | 1305 | | | .3 | | 174 | 4.50 | 15.0 | | | | | | | |
| 15 | 12 | 76 | 0945 | | | .3 | | 208 | 5.30 | 20.0 | 22.0 | 0.20 | | | 6.50 | | 0.600 |
| 20 | 12 | 76 | 0935 | | | .3 | | 235 | 6.20 | 25.0 | | | | | | | |
| 29 | 12 | 76 | 0930 | | | .3 | | 225 | 4.50 | 23.0 | | | | | | | |
| MAXIMUM | | | | | | | | 235 | 98.00 | 25.0 | 22.0 | 3.90 | | | 6.90 | 0.55 | 4.900 |
| AVG OR GEOM MN (-) | | | | | | | | 143 | 10.48 | 13.0 | 15.1 | 2.70 | | | 6.57 | 0.55 | 1.386 |
| MINIMUM | | | | | | | | 6 | 1.70 | 3.0 | 7.0 | 0.20 | | | 6.20 | 0.55 | 0.200 |
| NO OF SAMPLES | | | | | | | | 29 | 29 | 23 | 8 | 6 | | | 9 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 26 | 01 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 04 | 02 | 76 | 1020 | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 0930 | | .3 | | | | | | | | | | | |
| 18 | 02 | 76 | 0940 | | .3 | | | | | | | | | | | |
| 25 | 02 | 76 | 0920 | | .3 | | | | | | | | | | | |
| 03 | 03 | 76 | 1140 | | .3 | | | | | | | | | | | |
| 08 | 03 | 76 | 1405 | | .3 | | | | | | | | | | | |
| 22 | 03 | 76 | 1045 | | .3 | | | | | | | | | | | |
| 31 | 03 | 76 | 1020 | | .3 | | | | | | | | | | 20 | |
| 12 | 04 | 76 | 1200 | | .3 | | | | | | | | | | 50 | |
| 14 | 04 | 76 | 1055 | | .3 | | | | | | | | | | | |
| 20 | 04 | 76 | 1130 | | .3 | | 4.0 | | | | | | | | | |
| 07 | 05 | 76 | 1205 | | .3 | | | | | | | | | 21 | 35 | |
| 11 | 05 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 1101 | | .3 | | | | | | | | | | 75 | |
| 17 | 06 | 76 | 1255 | | .3 | | | | | | | | | | | |
| 21 | 06 | 76 | 1230 | | .3 | | | | | | | | | | | |
| 19 | 07 | 76 | 1535 | | .3 | | | | | | | | | 27 | 90 | |
| 12 | 08 | 76 | 1215 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1310 | | .3 | | | | | | | | | 43 | | |
| 22 | 09 | 76 | 1345 | | .3 | | 79.0 | | | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | | | | | | | | | 175 | |
| 21 | 10 | 76 | 1500 | | .3 | | | | | | | | | | | |
| 15 | 11 | 76 | 1020 | | .3 | | | | | | | | | 48 | 125 | 2 |
| 24 | 11 | 76 | 0930 | | .3 | | 65.0 | | | | | | | | | |
| 29 | 11 | 76 | 1050 | | .3 | | | | | | | | | 35 | 70 | |
| 13 | 12 | 76 | 1305 | | .3 | | | | | | | | | | | |
| 15 | 12 | 76 | 0945 | | .3 | | 72.0 | | | | | | | | | |
| 20 | 12 | 76 | 0935 | | .3 | | | | | | | | | 18 | 150 | |
| 29 | 12 | 76 | 0930 | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | 79.0 | | | | | | | 48 | 175 | 2 |
| AVG OR GEOM MN (*) | | | | | | | 55.0 | | | | | | | 32 | 88 | 2 |
| MINIMUM | | | | | | | 4.0 | | | | | | | 18 | 20 | 2 |
| NO OF SAMPLES | | | | | | | 4 | | | | | | | 6 | 9 | 1 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 04 | 76 | 1130 | | .3 | | 0.01 L | 0.050L | | 0.040 | 0.005 | 0.012L | 0.004L | 0.013 | | 0.008L |
| 21 | 10 | 76 | 1500 | | .3 | | 0.010L | 0.050L | | 0.010L | 0.009 | 0.012L | 0.002L | 0.012 | | 0.004L |
| MAXIMUM | | | | | | | 0.01 | 0.050 | | 0.040 | 0.009 | 0.012 | 0.004 | 0.013 | | 0.008 |
| AVG OR GEOM MN (*) | | | | | | | 0.010D | 0.050D | | 0.025D | 0.007 | 0.012D | 0.003D | 0.013 | | 0.003D |
| MINIMUM | | | | | | | 0.01 | 0.050 | | 0.010 | 0.005 | 0.012 | 0.002 | 0.012 | | 0.004 |
| NO OF SAMPLES | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W./ SITE: KAMINISTIOQUIA RIVER
SAMPLE POINT: UPSTREAM OF HIGHWAY NO 61 BRIDGE
STATION TYPE: RIVER

STATION ID: 01-0108-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIOQUIA RIVER

STORET CODE: 02
001
7920

| STN NO | 2 | LAT | LONG | U.T.M. 16 0329200.0 5357075.0 4 | REGION 06 | MILEAGE | 5.50 | | | | | | | | | |
|--------------------|-----------|------------|---------------------|---------------------------------|-----------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1230 | | .3 | | 10006 | 4 | | 800. | 4. | 1. | | 33.0 | 14.5 | 1.0 |
| 04 | 02 | 76 | 1000 | | .3 | | 10015 | 4 | | 28. | 8. | 1. | | 0.0 | 12.8 | 1.4 |
| 10 | 02 | 76 | 0915 | | .3 | | 10021 | 4 | | 36. | 1. | 4. | | 0.5 | 12.4 | 1.6 |
| 18 | 02 | 76 | 1210 | | .3 | | 10076 | | | 240. | 1. | 4. | | | | 4.0 |
| 25 | 02 | 76 | 0915 | | .3 | | 10077 | 4 | | | | | | | | 4.2 |
| 03 | 03 | 76 | 1040 | | .3 | | 10052 | 4 | | 20. | 1. | 1. | | 0.0 | 7.5 | 2.0 |
| 08 | 03 | 76 | 1340 | | .3 | | 10058 | 4 | | 80. | 8. | 1. | | 0.5 | 12.4 | 2.3 |
| 31 | 03 | 76 | 1000 | | .3 | | 10082 | 4 | | 80. | 1. | 8. | | 0.0 | 12.0 | 5.0 |
| 14 | 04 | 76 | 1120 | | .3 | | 10101 | 3 | | 1000. | 10. | 120. | | 2.0 | 14.0 | 2.0 |
| 07 | 05 | 76 | 1220 | | .3 | | 10141 | | | | | | | 6.1 | 12.2 | 1.6 |
| 11 | 05 | 76 | 1215 | | .3 | | 10154 | | | 40. | 10. | L | 10. | 5.5 | 12.0 | 0.4 |
| 17 | 05 | 76 | 1240 | | .3 | | 10173 | | | 100. | 8. | 1. | | 13.5 | 9.3 | |
| 25 | 05 | 76 | 1135 | | .3 | | 10193 | | | 110. | 4. | 4. | | 16.0 | | 2.2 |
| 07 | 06 | 76 | 1105 | | .3 | | 10199 | | | 180. | 16. | 1. | | 21.5 | 9.0 | |
| 17 | 06 | 76 | 1205 | | .3 | | 10212 | | | | | | | 16.5 | 8.2 | 2.1 |
| 19 | 07 | 76 | 1525 | | .3 | | 10250 | | | 110. | 1. | 12. | | 23.0 | 7.7 | 0.7 |
| 10 | 08 | 76 | 1440 | | .3 | | 10283 | | | 180. | 24. | 56. | | 23.0 | 8.8 | |
| 13 | 09 | 76 | 1320 | | .3 | | 10316 | | | 150. | 4. | 164. | | 16.7 | 7.8 | 0.6 |
| 12 | 10 | 76 | 1200 | | .3 | | 10356 | | | 136. | 1. | 168. | | 10.0 | 9.6 | 1.2 |
| 15 | 11 | 76 | 1000 | | .3 | | 10377 | 6 | | 472. | 16. | 1. | | 0.0 | 14.5 | 0.6 |
| 24 | 11 | 76 | 1145 | | .3 | | 10399 | 4 | 6 | 60. | 10. | 10. | | 0.5 | 13.0 | 2.6 |
| 29 | 11 | 76 | 1115 | | .3 | | 10403 | 4 | | 168. | 1. | 32. | | 0.0 | 14.5 | 1.6 |
| 13 | 12 | 76 | 1330 | | .3 | | 10412 | 4 | | 96. | 1. | 24. | | 0.0 | | |
| 20 | 12 | 76 | 0920 | | .3 | | 10434 | 4 | | 168. | 2. | 28. | | 0.0 | 14.0 | 0.8 |
| 29 | 12 | 76 | 0955 | | .3 | | 10437 | 4 | | 120. | 6. | 24. | | 0.0 | 14.5 | 0.8 |
| MAXIMUM | | | | | | | | | | 1000. | 24. | 168. | | 33.0 | 14.5 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 122.* | 4.* D | 8.* D | | 7.9 | 11.6 | 1.9 |
| MINIMUM | | | | | | | | | | 20. | 1. | 1. | | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 22 | 22 | 22 | | 24 | 22 | 21 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1230 | | | .3 | | 0.008 | 0.003 | 0.040 | 0.380 | 0.004 | 0.030 | | 1.0 | | |
| 04 | 02 | 76 | 1000 | | | .3 | | 0.082 | | | | | | | 10.0 | | |
| 10 | 02 | 76 | 0915 | | | .3 | | 0.012 | | | | | | | 5.0 | | |
| 18 | 02 | 76 | 1210 | | | .3 | | 0.012 | | | | | | | 4.0 | | |
| 25 | 02 | 76 | 0915 | | | .3 | | 0.028 | | | | | | | 9.0 | | |
| 03 | 03 | 76 | 1040 | | | .3 | | 0.010 | | | | | | | 3.0 | | |
| 08 | 03 | 76 | 1340 | | | .3 | | 0.024 | 0.003 | 0.040 | 0.810 | 0.004 | 0.030 | | | | |
| 31 | 03 | 76 | 1000 | | | .3 | | 0.026 | 0.003 | 0.100 | 1.200 | 0.005 | 0.030 | | | | |
| 14 | 04 | 76 | 1120 | | | .3 | | 0.260 | 0.023 | 0.100 | 1.100 | 0.017 | 0.070 | | | | |
| 07 | 05 | 76 | 1220 | | | .3 | | 0.015 | | | | | | | | | |
| 11 | 05 | 76 | 1215 | | | .3 | | 0.020 | 0.005 | 0.040 | 0.570 | 0.006 | 0.010 | | | | |
| 17 | 05 | 76 | 1240 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1135 | | | .3 | | 0.013 | | | | | | | | | |
| 07 | 06 | 76 | 1105 | | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1205 | | | .3 | | 0.027 | 0.014 | 0.050 | 0.660 | 0.009 | 0.020 | | 3.0 | | |
| 19 | 07 | 76 | 1525 | | | .3 | | 0.016 | 0.002 | 0.020 | 0.490 | 0.004 | 0.020 | | | | |
| 10 | 08 | 76 | 1440 | | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1320 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.310 | 0.006 | 0.030 | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 0.007 | 0.003 | 0.020 | 0.290 | 0.004 | 0.040 | | 1.0 | | |
| 15 | 11 | 76 | 1000 | | | .3 | | 0.008 | 0.006 | 0.010 | 0.300 | 0.004 | 0.050 | | | | |
| 24 | 11 | 76 | 1145 | | | .3 | | 0.014 | 0.002 | 0.060 | 0.760 | 0.004 | 0.040 | | 5.0 | | |
| 29 | 11 | 76 | 1115 | | | .3 | | 0.007 | 0.002 | 0.040 | 0.380 | 0.004 | 0.040 | | 2.0 | | |
| 13 | 12 | 76 | 1330 | | | .3 | | 0.013 | 0.002 | 0.030 | 0.540 | 0.005 | 0.030 | | 5.0 | | |
| 20 | 12 | 76 | 0920 | | | .3 | | 0.015 | 0.005 | 0.190 | 0.620 | 0.007 | 0.060 | | 1.0 | | |
| 29 | 12 | 76 | 0955 | | | .3 | | 0.007 | 0.003 | 0.010 | 0.340 | 0.005 | 0.030 | | 2.0 | | |

| | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|------|
| MAXIMUM | 0.260 | 0.023 | 0.190 | 1.200 | 0.017 | 0.070 | 10.0 |
| AVG OR GEOM MN (*) | 0.029 | 0.005 | 0.051 | 0.583 | 0.006 | 0.035 | 3.9 |
| MINIMUM | 0.007 | 0.002 | 0.010 | 0.290 | 0.004 | 0.010 | 1.0 |
| NO OF SAMPLES | 22 | 15 | 15 | 15 | 15 | 15 | 13 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1230 | | | .3 | | 71 | 1.60 | 1.0L | | | | | | | |
| 04 | 02 | 76 | 1000 | | | .3 | | 124 | 2.40 | | | | | | | | |
| 10 | 02 | 76 | 0915 | | | .3 | | 105 | 1.80 | | | | | | | | |
| 18 | 02 | 76 | 1210 | | | .3 | | 76 | 2.30 | | | | | | | | |
| 25 | 02 | 76 | 0915 | | | .3 | | 80 | 2.00 | | | | | | | | |
| 03 | 03 | 76 | 1040 | | | .3 | | 77 | 2.00 | | | | | | | | |
| 08 | 03 | 76 | 1340 | | | .3 | | 78 | 5.00 | 1.0 | | | | | | | |
| 31 | 03 | 76 | 1000 | | | .3 | | 89 | 4.90 | 2.0 | | | | | | | |
| 14 | 04 | 76 | 1120 | | | .3 | | 82 | 87.00 | 1.0 | | | | | | | |
| 07 | 05 | 76 | 1220 | | | .3 | | 72 | 5.30 | 1.0 | | | | | | | |
| 11 | 05 | 76 | 1215 | | | .3 | | 77 | 4.60 | 1.0 | | | | | | | |
| 25 | 05 | 76 | 1135 | | | .3 | | 80 | 3.10 | 2.0 | | | | | | | |
| 17 | 06 | 76 | 1205 | | | .3 | | 118 | 12.00 | 1.0 | | | | | | | |
| 19 | 07 | 76 | 1525 | | | .3 | | 70 | 2.60 | 1.0 | | | | | | | |
| 13 | 09 | 76 | 1320 | | | .3 | | 74 | 2.30 | 1.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 71 | 1.70 | 1.0L | | | | | | | |
| 15 | 11 | 76 | 1000 | | | .3 | | 72 | 7.70 | 1.0L | | | | | | | |
| 24 | 11 | 76 | 1145 | | | .3 | | 73 | 3.60 | 1.0L | | | | | | | |
| 29 | 11 | 76 | 1115 | | | .3 | | 75 | 1.60 | 1.0L | | | | | | | |
| 13 | 12 | 76 | 1330 | | | .3 | | 77 | 2.00 | 1.0 | | | | | | | |
| 20 | 12 | 76 | 0920 | | | .3 | | 82 | 4.60 | 1.0L | | | | | | | |
| 29 | 12 | 76 | 0955 | | | .3 | | 86 | 1.40 | 1.0L | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 124 | 87.00 | 2.0 |
| AVG OR GEOM MN (*) | 82 | 7.34 | 1.10 |
| MINIMUM | 70 | 1.40 | 1.0 |
| NO OF SAMPLES | 22 | 22 | 17 |

B.O.W. / SITE: KAMINISTIGUIA RIVER
SAMPLE POINT: MIDDLE OF TURNING BASIN
STATION TYPE: RIVER

STATION ID: 01-0108-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIGUIA RIVER

STORET CODE: 02
001
7920

STN NO 3 LAT LONG U.T.M. 16 0329475.0 5357050.0 4 REGION 06 MILEAGE 5.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 14 | 04 | 76 | 1110 | | | .3 | | 10103 | 9 0 3 | | 1000. | 120. | 160. | | 2.0 | 12.5 | 5.5 |
| 07 | 05 | 76 | 1210 | | | .3 | | 10140 | | | 1300. | 164. | 192. | | 8.8 | 7.0 | 5.3 |
| 11 | 05 | 76 | 1210 | | | .3 | | 10153 | | | 9500. | 80. | 70. | | 12.0 | 6.5 | 14.7 |
| 17 | 05 | 76 | 1230 | | | .3 | | 10172 | | | 13000E+1 | 56. | 12. | | 15.0 | 8.7 | |
| 25 | 05 | 76 | 1130 | | | .3 | | 10192 | | | 8300. | 252. | 56. | | 17.0 | 10.0 | 11.0 |
| 07 | 06 | 76 | 1050 | | | .3 | | 10198 | | | 18000E+1 | 76. | 44. | | 21.0 | 8.4 | |
| 17 | 06 | 76 | 1200 | | | .3 | | 10211 | | | | | | | 17.0 | 8.0 | 15.0 |
| 19 | 07 | 76 | 1530 | | | .3 | | 10251 | | | 30000E+1 | 124. | 188. | | 24.0 | 7.2 | 27.0 |
| 10 | 08 | 76 | 1435 | | | .3 | | 10277 | | | 42000E+2 | 64. | 92. | | 24.0 | 2.6 | |
| 13 | 09 | 76 | 1315 | | | .3 | | 10315 | | | 24000E+1 | 132. | 92. | | 18.8 | 3.3 | 27.0 |
| 12 | 10 | 76 | 1200 | | | .3 | | 10355 | | | 2200. | 120. | 216. | | 9.5 | 5.4 | 23.0 |

| | | | | | | | | | |
|--------------------|--|--|--|----------|-------|------|------|------|------|
| MAXIMUM | | | | 42000E+2 | 252. | 216. | 24.0 | 12.5 | 27.0 |
| AVG OR GEOM MN (*) | | | | 33137.* | 111.* | 86.* | 15.4 | 7.4 | 15.9 |
| MINIMUM | | | | 1000. | 56. | 12. | 2.0 | 2.6 | 5.0 |
| NO OF SAMPLES | | | | 10 | 10 | 10 | 11 | 11 | 8 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------------|-------------|-------------|-------------|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 14 | 04 | 76 | 1110 | | | .3 | 0.270 | 0.030 | 0.120 | 1.100 | 0.019 | 0.040 | | | | |
| 07 | 05 | 76 | 1210 | | | .3 | 0.040 | | | | | | | | | |
| 11 | 05 | 76 | 1210 | | | .3 | 0.040 | 0.011 | 0.040 | 0.620 | 0.012 | 0.010L | | | | |
| 17 | 05 | 76 | 1230 | | | .3 | | | | | | | | | | |
| 25 | 05 | 76 | 1130 | | | .3 | 0.031 | | | | | | | | | |
| 07 | 06 | 76 | 1050 | | | .3 | | | | | | | | | | |
| 17 | 06 | 76 | 1200 | | | .3 | 0.042 | 0.014 | 0.060 | 0.730 | 0.011 | 0.010 | | 5.0 | | |
| 19 | 07 | 76 | 1530 | | | .3 | 0.033 | 0.008 | 0.030 | 0.630 | 0.006 | 0.010 | | | | |
| 10 | 08 | 76 | 1435 | | | .3 | | | | | | | | | | |
| 13 | 09 | 76 | 1315 | | | .3 | 0.042 | 0.010 | 0.020 | 0.600 | 0.012 | 0.010 | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | 0.028 | 0.008 | 0.040 | 0.480 | 0.009 | 0.020 | | 4.0 | | |
| MAXIMUM | | | | | | | 0.270 | 0.030 | 0.120 | 1.100 | 0.019 | 0.040 | | 5.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.066 | 0.014 | 0.052 | 0.693 | 0.012 | 0.017D | | 4.5 | | |
| MINIMUM | | | | | | | 0.028 | 0.008 | 0.020 | 0.480 | 0.006 | 0.010 | | 4.0 | | |
| NO OF SAMPLES | | | | | | | 8 | 6 | 6 | 6 | 6 | 6 | | 2 | | |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------------|-------------|-------------|-------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 14 | 04 | 76 | 1110 | | | .3 | 95 | 88.00 | 4.0 | | | | | | | |
| 07 | 05 | 76 | 1210 | | | .3 | 103 | 9.50 | 6.0 | | | | | | | |
| 11 | 05 | 76 | 1210 | | | .3 | 135 | 8.90 | 13.0 | | | | | | | |
| 25 | 05 | 76 | 1130 | | | .3 | 136 | 4.80 | 13.0 | | | | | | | |
| 17 | 06 | 76 | 1200 | | | .3 | 195 | 11.00 | 13.0 | | | | | | | |
| 19 | 07 | 76 | 1530 | | | .3 | 135 | 4.70 | 7.0 | | | | | | | |
| 10 | 08 | 76 | 1435 | | | .3 | | | | | 5.50 | | | | | |
| 13 | 09 | 76 | 1315 | | | .3 | 195 | 10.00 | 22.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | 144 | 4.00 | 14.0 | | | | | | | |
| MAXIMUM | | | | | | | 195 | 88.00 | 22.0 | | 5.50 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 142 | 17.61 | 11.5 | | 5.50 | | | | | |
| MINIMUM | | | | | | | 95 | 4.00 | 4.0 | | 5.50 | | | | | |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | | 1 | | | | | |

B.O.W./ SITE: KAMINISTIGUIA RIVER
SAMPLE POINT: AT MISSION RIVER JUNCTION
STATION TYPE: RIVER

STATION ID: 01-0108-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: KAMINISTIGUIA RIVER

STORET CODE: 02
0C1
7920

| STN NO | 5 | LAT | LONG | U.T.M. 16 | 0333300.0 | 5359525.0 | 4 | REGION 06 | MILEAGE | 2.50 | | | | | | |
|--------------------|-----------|------------|---------------------|------------|-----------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1140 | | .3 | | 10004 | 4 | | 6000. | 184. | 356. | | 34.0 | 14.0 | 0.1 |
| 04 | 02 | 76 | 1030 | | .3 | | 10017 | 4 | | 3300. | 8. | 492. | | 0.0 | 11.2 | 3.2 |
| 10 | 02 | 76 | 0945 | | .3 | | 10024 | 4 | | 5300. | 232. | 176. | | 0.5 | 8.2 | 1.8 |
| 18 | 02 | 76 | 1040 | | .3 | | 10033 | 4 | | 2700. | 164. | 252. | | 1.0 | 11.9 | 3.2 |
| 25 | 02 | 76 | 1035 | | .3 | | 10038 | 4 | | 5600. | 250. | 296. | | 0.0 | 2.1 | 7.0 |
| 03 | 03 | 76 | 0930 | | .3 | | 10049 | 4 0 | | 5900. | 180. | 520. | | 0.5 | 12.0 | 13.0 |
| 08 | 03 | 76 | 1030 | | .3 | | 10055 | 4 0 | | 4600. | 224. | 304. | | 1.0 | 12.0 | 13.0 |
| 31 | 03 | 76 | 1115 | | .3 | | 10080 | 0 9 | | 5500. | 350. | 320. | | 1.5 | 9.3 | 14.0 |
| 14 | 04 | 76 | 1140 | | .3 | | 10104 | 0 9 3 | | 1100. | 190. | 210. | | 3.0 | 12.0 | 4.2 |
| | | | 1205 | | .3 | | 10106 | 0 9 3 | | 400. | 120. | 220. | | 3.0 | 12.0 | 4.5 |
| 07 | 05 | 76 | 1155 | | .3 | | 10138 | | | 1900. | 168. | 256. | | 9.5 | 9.5 | 6.5 |
| 11 | 05 | 76 | 1150 | | .3 | | 10151 | | | 54000E+1 | 100. | 80. | | 12.0 | 8.0 | 10.0 |
| 17 | 05 | 76 | 1220 | | .3 | | 10170 | | | 29000E+1 | 450. | 120. | | 15.0 | 8.3 | |
| 17 | 06 | 76 | 1215 | | .3 | | 10209 | | | | | | | 17.5 | 3.5 | 11.0 |
| 19 | 07 | 76 | 1540 | | .3 | | 10253 | | | 64000E+1 | 164. | 112. | | 24.0 | 6.6 | 9.6 |
| 10 | 08 | 76 | 1435 | | .3 | | 10280 | | | 52000E+1 | 420. | 72. | | 20.0 | 1.5 | |
| 13 | 09 | 76 | 1300 | | .3 | | 10313 | | | 12000E+1 | 370. | 72. | | 16.0 | 1.6 | 15.0 |
| 12 | 10 | 76 | 1200 | | .3 | | 10353 | | | 12000E+1 | 2200. | 470. | | 9.0 | 4.0 | 15.0 |
| 24 | 11 | 76 | 1330 | | .3 | | 10400 | 4 0 9 | | 6900. | 480. | 420. | | 2.0 | 12.0 | 3.0 |
| 29 | 11 | 76 | 1030 | | .3 | | 10401 | 4 0 9 | | 1000. | 270. | 230. | | 0.5 | 11.0 | 3.8 |
| 13 | 12 | 76 | 1145 | | .3 | | 10410 | 4 | | 1200. | 40. | 300. | | 0.5 | | 15.0 |
| 20 | 12 | 76 | 0950 | | .3 | | 10436 | 4 | | 32000E+1 | 70. | 410. | | 0.5 | 10.0 | 22.0 |
| 29 | 12 | 76 | 0900 | | .3 | | 10439 | 4 | | 22000E+1 | 30. | 400. | | 0.0 | 10.0 | 16.0 |
| MAXIMUM | | | | | | | | | | 64000E+1 | 2200. | 520. | | 34.0 | 14.0 | 22.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 15101.* | 174.* D | 237.* | | 7.4 | 8.7 | 9.4 |
| MINIMUM | | | | | | | | | | 400. | 8. | 72. | | 0.0 | 1.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 22 | 22 | 22 | | 23 | 22 | 21 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1140 | | | .3 | 0.014 | 0.011 | 0.040 | 0.320 | 0.006 | 0.030 | | 2.0 | | |
| 04 | 02 | 76 | 1030 | | | .3 | 0.016 | | | | | | | 5.0 | | |
| 10 | 02 | 76 | 0945 | | | .3 | 0.036 | | | | | | | 10.0 | | |
| 18 | 02 | 76 | 1040 | | | .3 | 0.024 | | | | | | | 6.0 | | |
| 25 | 02 | 76 | 1035 | | | .3 | 0.050 | | | | | | | 10.0 | | |
| 03 | 03 | 76 | 0930 | | | .3 | 0.041 | | | | | | | 5.0 | | |
| 08 | 03 | 76 | 1030 | | | .3 | 0.023 | 0.006 | 0.030 | 0.390 | 0.011 | 0.010L | | | | |
| 31 | 03 | 76 | 1115 | | | .3 | 0.030 | 0.004 | 0.070 | 0.450 | 0.008 | 0.010L | | | | |
| 14 | 04 | 76 | 1140 | | | .3 | 0.130 | 0.024 | 0.090 | 0.550 | 0.018 | 0.050 | | | | |
| | | | 1205 | | | .3 | 0.130 | 0.024 | 0.090 | 0.700 | 0.018 | 0.050 | | | | |
| 07 | 05 | 76 | 1155 | | | .3 | 0.029 | | | | | | | | | |
| 11 | 05 | 76 | 1150 | | | .3 | 0.038 | 0.010 | 0.030 | 0.740 | 0.012 | 0.010L | | | | |
| 17 | 05 | 76 | 1220 | | | .3 | | | | | | | | | | |
| 17 | 06 | 76 | 1215 | | | .3 | 0.038 | 0.011 | 0.030 | 0.730 | 0.008 | 0.010 | | 10.0 | | |
| 19 | 07 | 76 | 1540 | | | .3 | 0.036 | 0.006 | 0.020 | 0.530 | 0.006 | 0.010 | | | | |
| 10 | 08 | 76 | 1435 | | | .3 | | | | | | | | | | |
| 13 | 09 | 76 | 1300 | | | .3 | 0.039 | 0.013 | 0.020 | 0.560 | 0.010 | 0.010 | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | 0.080 | 0.007 | 0.010 | 0.700 | 0.009 | 0.010 | | 14.0 | | |
| 24 | 11 | 76 | 1330 | | | .3 | 0.060 | 0.005 | 0.040 | 0.540 | 0.006 | 0.010L | | 10.0 | | |
| 29 | 11 | 76 | 1030 | | | .3 | 0.058 | 0.002 | 0.030 | 0.460 | 0.006 | 0.010L | | 10.0 | | |
| 13 | 12 | 76 | 1145 | | | .3 | 0.046 | 0.009 | 0.040 | 0.640 | 0.013 | 0.010 | | 10.0 | | |
| 20 | 12 | 76 | 0950 | | | .3 | 0.074 | 0.009 | 0.010 | 0.900 | 0.012 | 0.010 | | 5.0 | | |
| 29 | 12 | 76 | 0900 | | | .3 | 0.052 | 0.011 | 0.010 | 0.700 | 0.012 | 0.010 | | 25.0 | | |

| | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|------|
| MAXIMUM | 0.130 | 0.024 | 0.090 | 0.900 | 0.018 | 0.050 | 25.0 |
| AVG OR GEOM MN (*) | 0.050 | 0.010 | 0.037 | 0.595 | 0.010 | 0.0170 | 9.4 |
| MINIMUM | 0.014 | 0.002 | 0.010 | 0.320 | 0.006 | 0.010 | 2.0 |
| NO OF SAMPLES | 21 | 15 | 15 | 15 | 15 | 15 | 13 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1140 | | | .3 | 2 | 2.70 | 2.0 | | | | | | | |
| 04 | 02 | 76 | 1030 | | | .3 | 84 | 1.40 | | | | | | | | |
| 10 | 02 | 76 | 0945 | | | .3 | 81 | 2.70 | | | | | | | | |
| 18 | 02 | 76 | 1040 | | | .3 | 85 | 2.70 | | | | | | | | |
| 25 | 02 | 76 | 1035 | | | .3 | 83 | 3.40 | | | | | | | | |
| 03 | 03 | 76 | 0930 | | | .3 | 140 | 3.60 | | | | | | | | |
| 08 | 03 | 76 | 1030 | | | .3 | 120 | 3.00 | 6.0 | | | | | | | |
| 31 | 03 | 76 | 1115 | | | .3 | 138 | 6.20 | 10.0 | | | | | | | |
| 14 | 04 | 76 | 1140 | | | .3 | 100 | 43.00 | 4.0 | | | | | | | |
| | | | 1205 | | | .3 | 100 | 47.00 | 4.0 | | | | | | | |
| 07 | 05 | 76 | 1155 | | | .3 | 106 | 7.30 | 6.0 | | | | | | | |
| 11 | 05 | 76 | 1150 | | | .3 | 118 | 7.00 | 9.0 | | | | | | | |
| 17 | 06 | 76 | 1215 | | | .3 | 180 | 12.00 | 11.0 | | | | | | | |
| 19 | 07 | 76 | 1540 | | | .3 | 128 | 4.50 | 11.0 | | | | | | | |
| 13 | 09 | 76 | 1300 | | | .3 | 165 | 4.80 | 11.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | 159 | 6.30 | 14.0 | | | | | | | |
| 24 | 11 | 76 | 1330 | | | .3 | 128 | 5.30 | 7.0 | | | | | | | |
| 29 | 11 | 76 | 1030 | | | .3 | 120 | 4.80 | 4.0 | | | | | | | |
| 13 | 12 | 76 | 1145 | | | .3 | 200 | 8.00 | 19.0 | | | | | | | |
| 20 | 12 | 76 | 0950 | | | .3 | 213 | 1.20 | 20.0 | | | | | | | |
| 29 | 12 | 76 | 0900 | | | .3 | 205 | 8.20 | 19.0 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 213 | 47.00 | 20.0 |
| AVG OR GEOM MN (*) | 126 | 8.81 | 9.8 |
| MINIMUM | 2 | 1.20 | 2.0 |
| NO OF SAMPLES | 21 | 21 | 16 |

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: AT 104TH AVE THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

STN NO 1 LAT LONG U.T.M. 16 0334100.0 5360425.0 4 REGION 06 MILEAGE 1.50

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1115 | | | .3 | 10001 | 4 | | 6600. | 104. | 428. | | 33.0 | 14.0 | 1.4 |
| 10 | 02 | 76 | 1015 | | | .3 | 10025 | 4 | | 5600. | 276. | 252. | | 0.0 | 6.9 | 2.6 |
| 18 | 02 | 76 | 1025 | | | .3 | 10032 | 9 | | 5600. | 20. | 236. | | 0.5 | 12.3 | 2.4 |
| 25 | 02 | 76 | 1050 | | | .3 | 10040 | 4 | | 4600. | 210. | 332. | | 0.0 | 10.4 | 2.6 |
| 03 | 03 | 76 | 0915 | | | .3 | 10048 | 4 0 | | 1600. | 140. | 544. | | 0.5 | 12.0 | 9.5 |
| 08 | 03 | 76 | 1025 | | | .3 | 10054 | 4 0 | | 630. | 40. | 320. | | 1.0 | 8.1 | 4.4 |
| 31 | 03 | 76 | 1100 | | | .3 | 10078 | 4 0 | | 2400. | 168. | 300. | | 1.0 | 8.2 | 8.5 |
| 14 | 04 | 76 | 1150 | | | .3 | 10105 | 0 9 3 | | 890. | 180. | 350. | | 3.0 | 12.0 | 4.6 |
| 07 | 05 | 76 | 1005 | | | .3 | 10134 | | | 1600. | 124. | 404. | | 8.3 | 9.5 | |
| 11 | 05 | 76 | 1105 | | | .3 | 10147 | | | 27000. | 800. | 390. | | 11.0 | 9.0 | 6.0 |
| 17 | 05 | 76 | 1130 | | | .3 | 10166 | | | 20000E+1 | 240. | 390. | | 13.0 | 6.0 | |
| 17 | 06 | 76 | 1110 | | | .3 | 10205 | | | | | | | 15.0 | 2.5 | 6.4 |
| 19 | 07 | 76 | 1635 | | | .3 | 10257 | | | 15000E+1 | 180. | 84. | | 18.0 | 7.2 | 8.0 |
| 10 | 08 | 76 | 1345 | | | .3 | 10274 | | | 16000E+1 | 100. | 44. | | 18.5 | 7.0 | |
| 13 | 09 | 76 | 1225 | | | .3 | 10309 | | | 16000E+1 | 156. | 112. | | 15.0 | 7.3 | 2.4 |
| 12 | 10 | 76 | 1200 | | | .3 | 10349 | | | 12000E+1 | 480. | 156. | | 8.5 | 3.3 | 3.6 |
| 15 | 11 | 76 | 1115 | | | .3 | 10372 | 6 0 | | 33000. | 76. | 84. | | 1.5 | 11.0 | 1.6 |
| 13 | 12 | 76 | 1250 | | | .3 | 10407 | 4 | | 1100. | 56. | 68. | | 0.0 | | 3.0 |

| | | | | | | |
|--------------------|----------|-------|-------|------|------|-----|
| MAXIMUM | 20000E+1 | 800. | 544. | 33.0 | 14.0 | 9.5 |
| AVG OR GEOM MN (*) | 10654.* | 139.* | 212.* | 8.2 | 8.6 | 4.5 |
| MINIMUM | 630. | 20. | 44. | 0.0 | 2.5 | 1.4 |
| NO OF SAMPLES | 17 | 17 | 17 | 18 | 17 | 15 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1115 | | .3 | | 0.034 | 0.011 | 0.020 | 0.400 | 0.005 | 0.030 | | 5.0 | | |
| 10 | 02 | 76 | 1015 | | .3 | | 0.056 | | | | | | | 5.0 | | |
| 18 | 02 | 76 | 1025 | | .3 | | 0.022 | | | | | | | 3.0 | | |
| 25 | 02 | 76 | 1050 | | .3 | | 0.057 | | | | | | | 8.0 | | |
| 03 | 03 | 76 | 0915 | | .3 | | 0.075 | | | | | | | 10.0 | | |
| 08 | 03 | 76 | 1025 | | .3 | | 0.060 | 0.009 | 0.090 | 0.760 | 0.010 | 0.010L | | | | |
| 31 | 03 | 76 | 1100 | | .3 | | 0.062 | 0.005 | 0.020 | 0.660 | 0.004 | 0.010L | | | | |
| 14 | 04 | 76 | 1150 | | .3 | | 0.130 | 0.027 | 0.090 | 0.800 | 0.018 | 0.050 | | | | |
| 07 | 05 | 76 | 1005 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1105 | | .3 | | 0.067 | 0.006 | 0.020 | 0.680 | 0.006 | 0.010L | | | | |
| 17 | 05 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1110 | | .3 | | 0.059 | 0.009 | 0.010L | 0.760 | 0.008 | 0.010L | | 15.0 | | |
| 19 | 07 | 76 | 1635 | | .3 | | 0.036 | 0.004 | 0.010L | 0.630 | 0.004 | 0.010 | | | | |
| 10 | 08 | 76 | 1345 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1225 | | .3 | | 0.086 | 0.040 | 0.200 | 0.690 | 0.005 | 0.120 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.100 | 0.007 | 0.140 | 0.700 | 0.007 | 0.040 | | 6.0 | | |
| 15 | 11 | 76 | 1115 | | .3 | | 0.045 | 0.008 | 0.040 | 0.360 | 0.004 | 0.150 | | | | |
| 13 | 12 | 76 | 1250 | | .3 | | 0.056 | 0.005 | 0.050 | 0.530 | 0.007 | 0.040 | | 10.0 | | |
| MAXIMUM | | | | | | | 0.130 | 0.040 | 0.200 | 0.800 | 0.018 | 0.150 | | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.063 | 0.012 | 0.063D | 0.634 | 0.007 | 0.044D | | 7.8 | | |
| MINIMUM | | | | | | | 0.022 | 0.004 | 0.010 | 0.360 | 0.004 | 0.010 | | 3.0 | | |
| NO OF SAMPLES | | | | | | | 15 | 11 | 11 | 11 | 11 | 11 | | 8 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1115 | | .3 | | 74 | 2.70 | 1.0 | | | | | | | |
| 10 | 02 | 76 | 1015 | | .3 | | 76 | 2.80 | | | | | | | | |
| 18 | 02 | 76 | 1025 | | .3 | | 75 | 1.70 | | | | | | | | |
| 25 | 02 | 76 | 1050 | | .3 | | 78 | 1.80 | | | | | | | | |
| 03 | 03 | 76 | 0915 | | .3 | | 138 | 5.70 | | | | | | | | |
| 08 | 03 | 76 | 1025 | | .3 | | 113 | 4.00 | 6.0 | | | | | | | |
| 31 | 03 | 76 | 1100 | | .3 | | 130 | 5.00 | 8.0 | | | | | | | |
| 14 | 04 | 76 | 1150 | | .3 | | 100 | 47.00 | 4.0 | | | | | | | |
| 11 | 05 | 76 | 1105 | | .3 | | 118 | 9.00 | 8.0 | | | | | | | |
| 17 | 06 | 76 | 1110 | | .3 | | 134 | 9.50 | 8.0 | | | | | | | |
| 19 | 07 | 76 | 1635 | | .3 | | 120 | 4.00 | 8.0 | | | | | | | |
| 13 | 09 | 76 | 1225 | | .3 | | 114 | 1.70 | 3.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 134 | 4.30 | 8.0 | | | | | | | |
| 15 | 11 | 76 | 1115 | | .3 | | 108 | 4.50 | 1.0L | | | | | | | |
| 13 | 12 | 76 | 1250 | | .3 | | 130 | 6.20 | 5.0 | | | | | | | |
| MAXIMUM | | | | | | | 138 | 47.00 | 8.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 109 | 7.33 | 5.5D | | | | | | | |
| MINIMUM | | | | | | | 74 | 1.70 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 15 | 15 | 11 | | | | | | | |

B.O.W./ SITE: MC KELLAR RIVER
SAMPLE POINT: NEAR MOUTH CITY OF THUNDER BAY
STATION TYPE: RIVER

STATION ID: 01-0109-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MC KELLAR RIVER

STORET CODE: 02
001
7930

STN NO 2 LAT LONG U.T.M. 16 0335150.0 5360425.0 4 REGION 06 MILEAGE 0.10

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 05 | 76 | 1115 | | .3 | | 10135 | | | 276. | 8. | 720. | | 6.6 | 8.0 | |
| 11 | 05 | 76 | 1115 | | .3 | | 10148 | | | 1600. | 140. | 44. | | 9.4 | 7.5 | 4.0 |
| 17 | 05 | 76 | 1135 | | .3 | | 10167 | | | 4100. | 216. | 72. | | 11.5 | 6.6 | |
| 17 | 06 | 76 | 1115 | | .3 | | 10206 | | | | | | | 15.5 | 2.5 | 4.6 |
| 19 | 07 | 76 | 1625 | | .3 | | 10256 | | | 65000. | 64. | 32. | | 17.0 | 7.4 | 3.3 |
| 10 | 08 | 76 | 1350 | | .3 | | 10275 | | | 350. | 1. | 1. | | 18.5 | 8.4 | |
| 13 | 09 | 76 | 1230 | | .3 | | 10310 | | | 620. | 48. | 1. | | 16.0 | 5.0 | 2.4 |
| 12 | 10 | 76 | 1200 | | .3 | | 10350 | | | 3200. | 280. | 270. | | 8.5 | 3.5 | 6.0 |
| 15 | 11 | 76 | 1100 | | .3 | | 10373 | 6 0 | | 30000. | 100. | 110. | | | | 0.4 |
| 13 | 12 | 76 | 1230 | | .3 | | 10408 | 4 | | 100. | 8. | 36. | | | | 0.6 |
| MAXIMUM | | | | | | | | | | 65000. | 280. | 720. | | 18.5 | 8.4 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1843.* | 38.* | 35.* | | 12.9 | 6.1 | 3.0 |
| MINIMUM | | | | | | | | | | 100. | 1. | 1. | | 6.6 | 2.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 9 | 9 | 9 | | 8 | 8 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 05 | 76 | 1115 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1115 | | .3 | | 0.057 | 0.009 | 0.020 | 0.740 | 0.009 | 0.040 | | | | |
| 17 | 05 | 76 | 1135 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1115 | | .3 | | 0.051 | 0.007 | 0.010L | 0.730 | 0.005 | 0.010L | | 10.0 | | |
| 19 | 07 | 76 | 1625 | | .3 | | 0.023 | 0.003 | 0.010L | 0.270 | 0.006 | 0.020 | | | | |
| 10 | 08 | 76 | 1350 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1230 | | .3 | | 0.036 | 0.013 | 0.060 | 0.350 | 0.004 | 0.070 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.098 | 0.006 | 0.010 | 0.720 | 0.006 | 0.010 | | 10.0 | | |
| 15 | 11 | 76 | 1100 | | .3 | | 0.035 | 0.006 | 0.050 | 0.320 | 0.004 | 0.130 | | | | |
| 13 | 12 | 76 | 1230 | | .3 | | 0.015 | 0.002 | 0.020 | 0.430 | 0.003 | 0.070 | | 5.0 | | |
| MAXIMUM | | | | | | | 0.098 | 0.013 | 0.060 | 0.740 | 0.009 | 0.130 | | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.045 | 0.007 | 0.026D | 0.509 | 0.005 | 0.050D | | 8.3 | | |
| MINIMUM | | | | | | | 0.015 | 0.002 | 0.010 | 0.270 | 0.003 | 0.010 | | 5.0 | | |
| NO OF SAMPLES | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | 3 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 05 | 76 | 1115 | | .3 | | 115 | 8.70 | 7.0 | | | | | | | |
| 17 | 06 | 76 | 1115 | | .3 | | 135 | 6.70 | 8.0 | | | | | | | |
| 19 | 07 | 76 | 1625 | | .3 | | 114 | 2.50 | 6.0 | | | | | | | |
| 13 | 09 | 76 | 1230 | | .3 | | 115 | 1.70 | 3.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 157 | 5.30 | 13.0 | | | | | | | |
| 15 | 11 | 76 | 1100 | | .3 | | 108 | 3.40 | 1.0 | | | | | | | |
| 13 | 12 | 76 | 1230 | | .3 | | 105 | 1.70 | 1.0 | | | | | | | |
| MAXIMUM | | | | | | | 157 | 8.70 | 13.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 121 | 4.29 | 5.6 | | | | | | | |
| MINIMUM | | | | | | | 105 | 1.70 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 7 | 7 | 7 | | | | | | | |

B.O.W. / SITE: MISSION RIVER
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 01-0110-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: MISSION RIVER

STORET CODE: 02
001
7940

STN NO 1 LAT LONG U.T.M. 16 0334950.0 5358400.0 4 REGION 06 MILEAGE 0.20

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1055 | | .3 | | 10003 | 4 | | 2600. | 108. | 188. | | 33.0 | 14.5 | 1.0 |
| 04 | 02 | 76 | 1050 | | .3 | | 10018 | 4 | | 3900. | 1. | 424. | | 0.5 | 12.2 | 3.0 |
| 10 | 02 | 76 | 1000 | | .3 | | 10023 | 4 | | 3100. | 92. | 296. | | 0.0 | 7.6 | 2.4 |
| 18 | 02 | 76 | 1000 | | .3 | | 10031 | 4 | | 5300. | 184. | 292. | | 1.0 | 11.5 | 6.5 |
| 25 | 02 | 76 | 1040 | | .3 | | 10039 | 4 | | 5100. | 380. | 380. | | 0.5 | 12.5 | 3.4 |
| 03 | 03 | 76 | 0900 | | .3 | | 10047 | 4 0 | | 1610. | 120. | 464. | | 0.5 | 12.5 | 8.0 |
| 08 | 03 | 76 | 1000 | | .3 | | 10056 | 4 0 | | 1460. | 230. | 224. | | 0.5 | 14.0 | 8.5 |
| 31 | 03 | 76 | 1045 | | .3 | | 10079 | 4 0 | | 4000. | 300. | 276. | | 2.5 | 9.8 | 12.0 |
| 07 | 05 | 76 | 1145 | | .3 | | 10137 | | | 1600. | 64. | 436. | | 8.8 | 8.0 | 6.0 |
| 11 | 05 | 76 | 1145 | | .3 | | 10150 | | | 20000E+1 | 870. | 140. | | 10.0 | 7.5 | 5.5 |
| 17 | 05 | 76 | 1210 | | .3 | | 10169 | | | 19000E+1 | 1640. | 1100. | | 12.5 | 7.6 | |
| 17 | 06 | 76 | 1140 | | .3 | | 10208 | | | | | | | 16.5 | 2.6 | 7.0 |
| 19 | 07 | 76 | 1600 | | .3 | | 10254 | | | 20000E+1 | 270. | 84. | | 20.8 | 6.2 | 3.3 |
| 10 | 08 | 76 | 1420 | | .3 | | 10281 | | | 5800. | 80. | 16. | | 18.5 | 2.5 | |
| 13 | 09 | 76 | 1255 | | .3 | | 10312 | | | 3900. | 290. | 88. | | 16.0 | 0.5 | 6.0 |
| 12 | 10 | 76 | 1200 | | .3 | | 10352 | | | 13000E+1 | 800. | 320. | | 9.0 | 4.4 | 14.0 |
| 15 | 11 | 76 | 1050 | | .3 | | 10374 | 6 | | 18000E+1 | 170. | 196. | | 1.0 | 11.5 | 9.0 |
| 13 | 12 | 76 | 1210 | | .3 | | 10409 | 4 | | 1000. | 20. | 144. | | 0.5 | | 13.0 |
| MAXIMUM | | | | | | | | | | 20000E+1 | 1640. | 1100. | | 33.0 | 14.5 | 14.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 9616.* | 149.* | 217.* | | 8.5 | 8.6 | 6.8 |
| MINIMUM | | | | | | | | | | 1000. | 1. | 16. | | 0.0 | 0.5 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 17 | 17 | 17 | | 18 | 17 | 16 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1055 | | .3 | | 0.010 | 0.008 | 0.040 | 0.500 | 0.004 | 0.030 | | 1.0 | | |
| 04 | 02 | 76 | 1050 | | .3 | | 0.013 | | | | | | | 5.0 | | |
| 10 | 02 | 76 | 1000 | | .3 | | 0.021 | | | | | | | 5.0 | | |
| 18 | 02 | 76 | 1000 | | .3 | | 0.065 | | | | | | | 6.0 | | |
| 25 | 02 | 76 | 1040 | | .3 | | 0.039 | | | | | | | 9.0 | | |
| 03 | 03 | 76 | 0900 | | .3 | | 0.038 | | | | | | | 5.0 | | |
| 08 | 03 | 76 | 1000 | | .3 | | 0.025 | 0.004 | 0.050 | 0.950 | 0.006 | 0.010 | | | | |
| 31 | 03 | 76 | 1045 | | .3 | | 0.032 | 0.007 | 0.040 | 0.420 | 0.008 | 0.010L | | | | |
| 07 | 05 | 76 | 1145 | | .3 | | 0.029 | | | | | | | | | |
| 11 | 05 | 76 | 1145 | | .3 | | 0.060 | 0.006 | 0.020 | 0.740 | 0.006 | 0.010L | | | | |
| 17 | 05 | 76 | 1210 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1140 | | .3 | | 0.035 | 0.011 | 0.020 | 0.660 | 0.007 | 0.010 | | 15.0 | | |
| 19 | 07 | 76 | 1600 | | .3 | | 0.028 | 0.006 | 0.010L | 0.630 | 0.005 | 0.010 | | | | |
| 10 | 08 | 76 | 1420 | | .3 | | | | | | | | | | | |
| 13 | 09 | 76 | 1255 | | .3 | | 0.070 | 0.009 | 0.020 | 0.480 | 0.005 | 0.010 | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 0.054 | 0.007 | 0.010 | 0.550 | 0.009 | 0.010 | | 15.0 | | |
| 15 | 11 | 76 | 1050 | | .3 | | 0.042 | 0.006 | 0.020 | 0.440 | 0.008 | 0.020 | | | | |
| 13 | 12 | 76 | 1210 | | .3 | | 0.052 | 0.009 | 0.040 | 0.660 | 0.012 | 0.010 | | 15.0 | | |
| MAXIMUM | | | | | | | 0.070 | 0.011 | 0.050 | 0.950 | 0.012 | 0.030 | | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.038 | 0.007 | 0.027D | 0.603 | 0.007 | 0.013D | | 8.4 | | |
| MINIMUM | | | | | | | 0.010 | 0.004 | 0.010 | 0.420 | 0.004 | 0.010 | | 1.0 | | |
| NO OF SAMPLES | | | | | | | 16 | 10 | 10 | 10 | 10 | 10 | | 9 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1055 | | .3 | | 73 | 1.70 | 1.0L | | | | | | | |
| 04 | 02 | 76 | 1050 | | .3 | | 84 | 1.40 | | | | | | | | |
| 10 | 02 | 76 | 1000 | | .3 | | 79 | 2.40 | | | | | | | | |
| 18 | 02 | 76 | 1000 | | .3 | | 90 | 3.20 | | | | | | | | |
| 25 | 02 | 76 | 1040 | | .3 | | 79 | 2.60 | | | | | | | | |
| 03 | 03 | 76 | 0900 | | .3 | | 110 | 3.70 | | | | | | | | |
| 08 | 03 | 76 | 1000 | | .3 | | 117 | 2.20 | 7.0 | | | | | | | |
| 31 | 03 | 76 | 1045 | | .3 | | 144 | 5.50 | 11.0 | | | | | | | |
| 07 | 05 | 76 | 1145 | | .3 | | 104 | 7.30 | 5.0 | | | | | | | |
| 11 | 05 | 76 | 1145 | | .3 | | 118 | 8.70 | 7.0 | | | | | | | |
| 17 | 06 | 76 | 1140 | | .3 | | 127 | 11.00 | 10.0 | | | | | | | |
| 19 | 07 | 76 | 1600 | | .3 | | 122 | 5.20 | 9.0 | | | | | | | |
| 13 | 09 | 76 | 1255 | | .3 | | 131 | 3.90 | 5.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | .3 | | 162 | 6.70 | 15.0 | | | | | | | |
| 15 | 11 | 76 | 1050 | | .3 | | 123 | 4.40 | 6.0 | | | | | | | |
| 13 | 12 | 76 | 1210 | | .3 | | 190 | 10.00 | 16.0 | | | | | | | |
| MAXIMUM | | | | | | | 190 | 11.00 | 16.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 116 | 4.99 | 8.40 | | | | | | | |
| MINIMUM | | | | | | | 73 | 1.40 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 16 | 16 | 11 | | | | | | | |

B.O.W./ SITE: PIGEON RIVER
SAMPLE POINT: AT HIGHWAY 61, PIGEON RIVER
STATION TYPE: RIVER FLOW GAUGE FED 02AA001

STATION ID: 01-0117-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PIGEON RIVER

STORET CODE: 02
001
8090

| STN NO | 1 | LAT | LONG | U.T.M. 16 0298000.0 5320800.0 4 | | | | | | | | REGION 06 | MILEAGE | 11.30 | | |
|--------------------|-----------|------------|---------------------|---------------------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 23 | 03 | 76 | 0910 | | .3 | | 10073 | 4 | 225.00 | 176. | 1. | 8. | | 0.5 | 13.5 | 2.8 |
| 12 | 04 | 76 | 1050 | | .3 | | 10091 | | 2160.00 | 108. | 8. | 1. | | 1.0 | 13.0 | 1.4 |
| 20 | 04 | 76 | 1000 | | .3 | | 10107 | 3 | 5250.00 | 248. | 12. | 4. | | 50.0 | 14.0 | 1.2 |
| 20 | 05 | 76 | 1000 | | .3 | | 11999 | | 602.00 | | | | | 13.0 | 11.5 | 0.2L |
| 21 | 06 | 76 | 1100 | | .3 | | 10220 | 6 | 1100.00 | 92. | 36. | 120. | | 18.0 | 10.0 | 2.0 |
| 21 | 09 | 76 | 1010 | | .3 | | 10323 | 6 | 28.00 | 180. | 8. | 760. | | 8.0 | 9.0 | 1.0 |
| 21 | 10 | 76 | 1130 | | .3 | | 10357 | 6 | 19.00 | 12. | 1. | 12. | | 5.0 | 12.0 | 0.6 |
| 24 | 11 | 76 | 1040 | | .3 | | 10384 | 4 | 11.00 | 28. | 1. | 1. | | 0.5 | 13.5 | 1.3 |
| 15 | 12 | 76 | 0900 | | .3 | | 10419 | 4 | 2.60 | 80. | 1. | 12. | | 0.0 | 13.0 | |
| MAXIMUM | | | | | | | | | 5250.00 | 248. | 36. | 760. | | 50.0 | 14.0 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | 1044.18 | 82.* | 4.* | 12.* | | 10.7 | 12.2 | 1.40 |
| MINIMUM | | | | | | | | | 2.60 | 12. | 1. | 1. | | 0.0 | 9.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 9 | 8 | 8 | 8 | | 9 | 9 | 8 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 23 | 03 | 76 | 0910 | | .3 | | 0.027 | 0.004 | 0.040 | 0.780 | 0.006 | 0.070 | 73.0 | 5.0 | | 68 |
| 12 | 04 | 76 | 1050 | | .3 | | | | | | | | 120.0 | 45.0 | 75 | 166 |
| 20 | 04 | 76 | 1000 | | .3 | | 0.080 | 0.015 | 0.070 | 0.600 | 0.010 | 0.020 | | 40.0 | | 26 |
| 20 | 05 | 76 | 1000 | | .3 | | 0.015 | 0.004 | 0.030 | 0.300 | 0.005 | 0.010 | | 1.0 | | |
| 21 | 06 | 76 | 1100 | | .3 | | 0.035 | 0.010 | 0.040 | 0.880 | 0.010 | 0.010 | 95.0 | 10.0 | 85 | |
| 21 | 09 | 76 | 1010 | | .3 | | 0.010 | 0.002 | 0.020 | 0.310 | 0.003 | 0.010L | 73.0 | 5.0 | | 68 |
| 21 | 10 | 76 | 1130 | | .3 | | 0.002 | 0.003 | 0.020 | 0.260 | 0.002 | 0.010 | | 1.0 | | 81 |
| 24 | 11 | 76 | 1040 | | .3 | | 0.040 | 0.023 | 0.040 | 0.370 | 0.004 | 0.010L | | 5.0 | | |
| 15 | 12 | 76 | 0900 | | .3 | | 0.024 | 0.006 | 0.040 | 0.690 | 0.006 | 0.050 | | 10.0 | | 163 |
| MAXIMUM | | | | | | | 0.080 | 0.023 | 0.070 | 0.880 | 0.010 | 0.070 | 120.0 | 45.0 | 85 | 166 |
| AVG OR GEOM MN (*) | | | | | | | 0.029 | 0.008 | 0.038 | 0.524 | 0.006 | 0.0240 | 90.3 | 13.6 | 80 | 95 |
| MINIMUM | | | | | | | 0.002 | 0.002 | 0.020 | 0.260 | 0.002 | 0.010 | 73.0 | 1.0 | 75 | 26 |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 4 | 9 | 2 | 6 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 23 | 03 | 76 | 0910 | | .3 | | 105 | 12.00 | 1.0 | 7.0 | | | | 6.90 | 1.00 | |
| 12 | 04 | 76 | 1050 | | .3 | | 60 | 110.00 | | | | | | 6.50 | | |
| 20 | 04 | 76 | 1000 | | .3 | | 40 | 27.00 | 1.0 | 6.0 | 3.20 | | | 6.00 | | 4.000 |
| 20 | 05 | 76 | 1000 | | .3 | | 67 | 5.50 | 2.0 | 11.0 | | | | 7.20 | | 0.600 |
| 21 | 06 | 76 | 1100 | | .3 | | 70 | 7.00 | 1.0L | 8.0 | 3.60 | | | 6.90 | | 1.300 |
| 21 | 09 | 76 | 1010 | | .3 | | 104 | 4.30 | 2.0 | 8.0 | 3.05 | | | 7.20 | | 0.450 |
| 21 | 10 | 76 | 1130 | | .3 | | 125 | 5.40 | 2.0 | 12.0 | 3.25 | | | 7.10 | | 0.500 |
| 24 | 11 | 76 | 1040 | | .3 | | 176 | 10.00 | 2.0 | 14.0 | | | | 7.40 | | 0.650 |
| 15 | 12 | 76 | 0900 | | .3 | | 250 | 10.00 | 3.0 | 70.0 | 1.60 | | | 6.70 | | 0.750 |
| MAXIMUM | | | | | | | 250 | 110.00 | 3.0 | 70.0 | 3.60 | | | 7.40 | 1.00 | 4.000 |
| AVG OR GEOM MN (*) | | | | | | | 111 | 21.24 | 1.80 | 17.0 | 2.94 | | | 6.88 | 1.00 | 1.179 |
| MINIMUM | | | | | | | 40 | 4.30 | 1.0 | 6.0 | 1.60 | | | 6.00 | 1.00 | 0.450 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 8 | 8 | 5 | | | 9 | 1 | 7 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|-----------------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 23 | 03 | 76 | 0910 | | .3 | | | | | | | | | | 10L | |
| 12 | 04 | 76 | 1050 | | .3 | | | | | | | | | | 45 | |
| 20 | 04 | 76 | 1000 | | .3 | | | | | | | | | | 25 | |
| 20 | 05 | 76 | 1000 | | .3 | | | | | | | | | 16 | 20 | |
| 21 | 06 | 76 | 1100 | | .3 | | | | | | | | | 20 | 60 | |
| 21 | 09 | 76 | 1010 | | .3 | | | | | | | | | 18 | 20 | |
| 21 | 10 | 76 | 1130 | | .3 | | | | | | | | | 7 | 40 | 2 |
| 24 | 11 | 76 | 1040 | | .3 | | | | | | | | | 4 | 10L | |
| 15 | 12 | 76 | 0900 | | .3 | | | | | | | | | | 40 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

20
13
4
5
60
300
10
9
2
2
2
1

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|-----------------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 04 | 76 | 1000 | | .3 | | 0.01 L | 0.050L | | 0.020 | 0.008 | 0.012L | 0.004L | 0.009 | | 0.010 |
| 21 | 10 | 76 | 1130 | | .3 | | 0.010L | 0.050L | | 0.010 | 0.005 | 0.012L | 0.002L | 0.008 | | 0.004L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

0.01
0.0100
0.01
2
0.050
0.0500
0.050
2
0.020
0.015
0.010
2
0.008
0.007
0.005
2
0.012
0.0120
0.012
2
0.004
0.0030
0.002
2
0.009
0.009
0.008
2
0.010
0.0070
0.004
2

B.O.W./ SITE: BAR RIVER
SAMPLE POINT: AT FIRST BRIDGE ABOVE LAKE GEORGE
STATION TYPE: RIVER

STATION ID: 02-0006-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BAR RIVER

STORET CODE: 02
001
8500

STN NO 1 LAT LONG U.T.M. 16 0723700.0 5145225.0 4 REGION 05 MILEAGE 1.80

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|-----------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 01 | 76 | 1200 | | .3 | | 16004 | | | 1400. | 106. | 190. | | 0.0 | 13.0 | 0.8 |
| 06 | 03 | 76 | 1000 | | .3 | | 16022 | | | 1300. | 96. | 600. | | 0.0 | 12.0 | |
| 03 | 04 | 76 | 1315 | | .3 | | 16040 | | | 2000. | 38. | 96. | | 1.0 | 12.0 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

2000.
1538.*
1300.
3
106.
73.*
38.
3
600.
222.*
96.
3
1.0
0.3
0.0
3
13.0
12.3
12.0
3
1.4
1.1
0.8
2

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|-----------------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 01 | 76 | 1200 | | .3 | | 0.060 | 0.026 | 0.030 | 0.560 | 0.005 | 0.110 | 64.0 | 15.0 | | 49 |
| 06 | 03 | 76 | 1000 | | .3 | | 0.036 | 0.011 | 0.074 | 0.36 | 0.013 | 0.142 | | | | |
| 03 | 04 | 76 | 1315 | | .3 | | 0.144 | 0.053 | 0.104 | 0.680 | 0.017 | 0.335 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

0.144
0.080
0.036
3
0.053
0.030
0.011
3
0.104
0.069
0.030
3
0.680
0.533
0.36
3
0.017
0.012
0.005
3
0.335
0.196
0.110
1
64.0
64.0
64.0
1
15.0
15.0
15.0
1
49
49
49
1

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|-----------------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 01 | 76 | 1200 | | .3 | | 77 | 22.00 | 2.1 | | 2.40 | | | 6.90 | | |
| 06 | 03 | 76 | 1000 | | .3 | | | | 5.3 | 9.0 | | | | | 0.73 | |
| 03 | 04 | 76 | 1315 | | .3 | | 100 | 34.00 | 9.2 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

100
89
77
2
34.00
28.00
22.00
2
9.2
5.5
2.1
3
9.0
9.0
9.0
1
2.40
2.40
2.40
1
6.90
6.90
6.90
1
0.73
0.73
0.73
1

B.O.W./ SITE: ECHO RIVER
 SAMPLE POINT: AT FIRST BRIDGE ABOVE ECHO BAY
 STATION TYPE: RIVER

STATION ID: 02-0007-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: ECHO RIVER

STORET CODE: 02
 001
 8520

| STN NO | 1 | LAT | LONG | U.T.M. 16 0726750.0 5154700.0 4 | REGION 05 | MILEAGE | 2.20 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 17 01 76 1250 | | | .3 | | 16005 | | | 44. | 4. | 4. | | 0.0 | 12.0 | 0.4 |
| 06 03 76 1350 | | | .3 | | 16023 | | | 28. | 2. | 10. | | 0.0 | 12.0 | |
| 03 04 76 1400 | | | .3 | | 16041 | | | 400. | 4. | 140. | | 1.0 | 12.0 | 1.0 |
| MAXIMUM | | | | | | | | 400. | 4. | 140. | | 1.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 79.* | 3.* | 18.* | | 0.3 | 12.0 | 0.7 |
| MINIMUM | | | | | | | | 28. | 2. | 4. | | 0.0 | 12.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 01 76 1250 | | | .3 | | 0.014 | 0.003 | 0.010L | 0.300 | 0.002 | 0.230 | 45.0 | 3.0 | | 42 |
| 06 03 76 1350 | | | .3 | | 0.014 | 0.004 | 0.080 | 0.26 | 0.005 | 0.230 | | | | |
| 03 04 76 1400 | | | .3 | | 0.026 | 0.005 | 0.004 | 0.280 | 0.004 | 0.346 | | | | |
| MAXIMUM | | | | | 0.026 | 0.005 | 0.080 | 0.300 | 0.005 | 0.346 | 45.0 | 3.0 | | 42 |
| AVG OR GEOM MN (*) | | | | | 0.018 | 0.004 | 0.031D | 0.280 | 0.004 | 0.269 | 45.0 | 3.0 | | 42 |
| MINIMUM | | | | | 0.014 | 0.003 | 0.004 | 0.26 | 0.002 | 0.230 | 45.0 | 3.0 | | 42 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 01 76 1250 | | | .3 | | 63 | 4.30 | 0.6 | | 2.50 | | | 7.10 | 0.30 | |
| 06 03 76 1350 | | | .3 | | | | 1.3 | 6.5 | | | | | | |
| 03 04 76 1400 | | | .3 | | 66 | 10.00 | 0.9 | | | | | | | |
| MAXIMUM | | | | | 66 | 10.00 | 1.3 | 6.5 | 2.50 | | | 7.10 | 0.30 | |
| AVG OR GEOM MN (*) | | | | | 65 | 7.15 | 0.9 | 6.5 | 2.50 | | | 7.10 | 0.30 | |
| MINIMUM | | | | | 63 | 4.30 | 0.6 | 6.5 | 2.50 | | | 7.10 | 0.30 | |
| NO OF SAMPLES | | | | | 2 | 2 | 3 | 1 | 1 | | | 1 | 1 | |

B.O.W./ SITE: POTTAWATOMI RIVER
 SAMPLE POINT: AT 14TH STREET BRIDGE OWEN SOUND
 STATION TYPE: RIVER

STATION ID: 03-0015-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: POTTAWATOMI RIVER

STORET CODE: 02
 002
 2040

| STN NO | 2 | LAT | LONG | U.T.M. 17 0503200.0 4935400.0 4 | | | | REGION 01 | | MILEAGE | 1.00 | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 03 02 76 1730 | | | .3 | | 20007 | 4 | | 3500. | 1160. | 760. | 0. | 0.4 | 11.5 | 0.4 |
| 02 03 76 1610 | | | .3 | | 20026 | 6 | | 190. | 28. | 4. | L | 0. | 2.5 | 15.0 |
| 27 04 76 1730 | | | .3 | | 20044 | 6 | | 2800. | 200. | 56. | 4. | L | 6.0 | 14.6 |
| 11 05 76 1720 | | | .3 | | 20065 | 6 | | 480. | 144. | 28. | 4. | L | 11.0 | 10.4 |
| 01 06 76 1745 | | | .3 | | 20086 | 6 | | 160. | 76. | 12. | 4. | L | 17.8 | 9.4 |
| 26 07 76 1717 | | | .3 | | 20111 | 6 | | 530. | 84. | 76. | 4. | L | 24.1 | 10.2 |
| 16 08 76 1732 | | | .3 | | 20132 | 6 | | 480. | 128. | 136. | 4. | L | 19.1 | 12.6 |
| 28 09 76 0920 | | | .3 | | 20151 | 6 | | 1100. | 64. | 48. | 4. | L | 10.0 | |
| 12 10 76 1730 | | | .3 | | 20170 | 6 | | 250. | 24. | 108. | 4. | L | 12.0 | 11.8 |
| 23 11 76 0905 | | | .3 | | 20189 | 6 | | 360. | 20. | 4. | 4. | L | 1.7 | 17.8 |
| 14 12 76 0920 | | | .3 | | 20208 | 6 | | 392. | 36. | 48. | 4. | L | 0.1 | 18.4 |
| MAXIMUM | | | | | | | | 3500. | 1160. | 760. | 4. | 24.1 | 18.4 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 551.* | 80.* | 41.* | D | 3.1*D | 9.5 | 13.2 |
| MINIMUM | | | | | | | | 160. | 20. | 4. | 0. | 0.1 | 9.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 10 | 11 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 02 | 76 | 1730 | | | .3 | | 0.016 | 0.005 | 0.035 | 0.705 | 0.015 | 0.510 | 338.0 | 15.0L | | |
| 02 | 03 | 76 | 1610 | | | .3 | | 0.039 | 0.008 | 0.035 | 0.735 | 0.007 | 0.520 | 252.0 | 10.5 | | |
| 27 | 04 | 76 | 1730 | | | .3 | | 0.170 | 0.006 | 0.010 | 0.575 | 0.004 | 0.440 | 318.0 | 15.0L | | |
| 11 | 05 | 76 | 1720 | | | .3 | | 0.027 | 0.005 | 0.005L | 0.730 | 0.008 | 0.280 | 292.0 | 15.0L | | |
| 01 | 06 | 76 | 1745 | | | .3 | | 0.017 | 0.005 | 0.005L | 0.440 | 0.014 | 0.260 | 252.0 | 10.0 | | |
| 26 | 07 | 76 | 1717 | | | .3 | | 0.019 | 0.004 | 0.030 | 0.515 | 0.006 | 0.450 | 344.0 | 7.0 | | |
| 16 | 08 | 76 | 1732 | | | .3 | | 0.015 | 0.008 | 0.005 | 0.555 | 0.004 | 0.350 | 344.0 | 15.0L | | |
| 28 | 09 | 76 | 0920 | | | .3 | | 0.025 | 0.007 | 0.010 | 0.420 | 0.004 | 0.490 | 388.0 | 7.5 | | |
| 12 | 10 | 76 | 1730 | | | .3 | | 0.009 | 0.003 | 0.005 | 0.585 | 0.005 | 0.440 | 352.0 | 3.5 | | |
| 23 | 11 | 76 | 0905 | | | .3 | | 0.011 | 0.002 | 0.005 | 0.595 | 0.002 | 0.630 | 346.0 | 15.0L | | |
| 14 | 12 | 76 | 0920 | | | .3 | | 0.009 | 0.006 | 0.015 | 0.615 | 0.004 | 0.960 | 334.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|-------|--|--|
| MAXIMUM | | | | | | | | 0.170 | 0.008 | 0.035 | 0.735 | 0.015 | 0.960 | 388.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.005 | 0.015D | 0.588 | 0.007 | 0.485 | 323.6 | 11.7D | | |
| MINIMUM | | | | | | | | 0.009 | 0.002 | 0.005 | 0.420 | 0.002 | 0.260 | 252.0 | 3.5 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 02 | 76 | 1730 | | | .3 | | 510 | 2.70 | 13.0 | | | 0.0 | 230 | 8.19 | | 0.220 |
| 02 | 03 | 76 | 1610 | | | .3 | | 425 | 7.20 | 12.0 | | | 1.0 | 195 | 8.23 | | 0.700 |
| 27 | 04 | 76 | 1730 | | | .3 | | 465 | 2.00 | 12.0 | | | 0.0 | 227 | 8.56 | | 0.280 |
| 11 | 05 | 76 | 1720 | | | .3 | | 452 | 3.60 | 10.5 | | | 0.0 | 211 | 8.44 | | 0.280 |
| 01 | 06 | 76 | 1745 | | | .3 | | 450 | 2.20 | 11.5 | | | 0.0 | 222 | 8.63 | | 0.200 |
| 26 | 07 | 76 | 1717 | | | .3 | | 510 | 1.90 | 17.5 | | | 0.0 | 239 | 8.65 | | 0.760 |
| 16 | 08 | 76 | 1732 | | | .3 | | 540 | 2.50 | 17.5 | | | 0.0 | 245 | 8.56 | | 0.170 |
| 28 | 09 | 76 | 0920 | | | .3 | | 590 | 2.60 | 19.5 | | | 0.0 | 276 | 3.35 | | 0.150 |
| 12 | 10 | 76 | 1730 | | | .3 | | 560 | 2.50 | 19.0 | | | 0.0 | 258 | 8.41 | | 0.140 |
| 23 | 11 | 76 | 0905 | | | .3 | | 520 | 2.30 | 15.5 | | | 0.0 | 238 | 8.27 | | 0.220 |
| 14 | 12 | 76 | 0920 | | | .3 | | 520 | 1.80 | 11.0 | | | 4.0 | 240 | 8.12 | | 0.190 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|-----|-----|------|--|-------|
| MAXIMUM | | | | | | | | 590 | 7.20 | 19.5 | | | 4.0 | 276 | 8.65 | | 0.760 |
| AVG OR GEOM MN (*) | | | | | | | | 504 | 2.85 | 14.5 | | | 0.5 | 235 | 7.95 | | 0.301 |
| MINIMUM | | | | | | | | 425 | 1.80 | 10.5 | | | 0.0 | 195 | 3.35 | | 0.140 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | 11 | 11 | 11 | | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 03 | 02 | 76 | 1730 | | | .3 | | | 266.0 | | | 40 | | | | | |
| 02 | 03 | 76 | 1610 | | | .3 | | | 218.0 | | | 50 | | | | | |
| 27 | 04 | 76 | 1730 | | | .3 | | | 252.0 | | | 30 | | | | | |
| 11 | 05 | 76 | 1720 | | | .3 | | | 242.0 | | | 70 | | | | | |
| 01 | 06 | 76 | 1745 | | | .3 | | | 238.0 | | | 60 | | | | | |
| 26 | 07 | 76 | 1717 | | | .3 | | | 270.0 | | | 30 | | | | | |
| 16 | 08 | 76 | 1732 | | | .3 | | | 276.0 | | | 30 | | | | | |
| 28 | 09 | 76 | 0920 | | | .3 | | | 308.0 | | | 30 | | | | | |
| 12 | 10 | 76 | 1730 | | | .3 | | | 292.0 | | | 40 | | | | | |
| 23 | 11 | 76 | 0905 | | | .3 | | | 280.0 | | | 20 | | | | | |
| 14 | 12 | 76 | 0920 | | | .3 | | | 276.0 | | | 40 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|-------|----|--|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | | 308.0 | | | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 265.3 | | | 40 | | | | | |
| MINIMUM | | | | | | | | | 218.0 | | | 20 | | | | | |
| NO OF SAMPLES | | | | | | | | | | 11 | | 11 | | | | | |

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT CONCESSION 18 ABOVE INGLIS FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02FBO07

STATION ID: 03-0016-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
002
2050

STN NO 3 LAT LONG U.T.M. 17 0505450.0 4929700.0 4 REGION 01 MILEAGE 4.60

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 04 | 02 | 76 | 1000 | | | .3 | | 20012 | 4 | 68.00 | 84. | 4. L | 32. | 0. | 0.3 | 7.6 | 0.5 |
| 02 | 03 | 76 | 1130 | | | .3 | | 20030 | 6 | 266.00 | 52. | 4. L | 12. | 0. | 0.0 | 11.6 | 0.6 |
| 27 | 04 | 76 | 1815 | | | .3 | | 20049 | 6 | 89.00 | 44. | 4. L | 4. L | 4. L | 4.0 | 15.0 | 0.5 |
| 11 | 05 | 76 | 1800 | | | .3 | | 20070 | 6 | 101.00 | 160. | 44. | 12. | 4. L | 12.1 | 8.5 | 1.2 |
| 01 | 06 | 76 | 1830 | | | .3 | | 20091 | 6 | 55.20 | 220. | 36. | 32. | 4. L | 17.6 | 8.5 | 1.0 |
| 26 | 07 | 76 | 1800 | | | .3 | | 20112 | 6 | 28.00 | 148. | 4. | 28. | 4. L | 20.8 | 10.5 | 1.4 |
| 16 | 08 | 76 | 1811 | | | .3 | | 20133 | 6 | 47.10 | 430. | 188. | 88. | 4. | 18.0 | 11.9 | 0.5 |
| 28 | 09 | 76 | 0900 | | | .3 | | 20150 | 6 | 59.10 | 150. | 40. | 76. | 4. L | 9.8 | | 0.7 |
| 12 | 10 | 76 | 1700 | | | .3 | | 20169 | 6 | 55.50 | 70. | 4. | 44. | 4. L | 10.0 | 9.5 | 0.8 |
| 22 | 11 | 76 | 1600 | | | .3 | | 20188 | 6 | 82.40 | 380. | 20. | 16. | 4. L | 1.0 | 14.2 | 0.8 |
| 14 | 12 | 76 | 1000 | | | .3 | | 20207 | 6 | 95.00 | 152. | 8. | 12. | 4. L | 0.2 | 10.4 | 0.8 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--------|-------|--------|--------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | 266.00 | 430. | 188. | 88. | 4. | 20.8 | 15.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 86.03 | 135.* | 13.* D | 23.* D | 3.* D | 8.5 | 10.8 | 0.8 |
| MINIMUM | | | | | | | | | | 28.00 | 44. | 4. | 4. | 0. | 0.0 | 7.6 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1000 | | | .3 | | 0.017 | 0.006 | 0.025 | 0.335 | 0.007 | 0.360 | 320.0 | 15.0L | | |
| 02 | 03 | 76 | 1130 | | | .3 | | 0.020 | 0.010 | 0.005 | 0.455 | 0.005 | 0.620 | 242.0 | 15.0L | | |
| 27 | 04 | 76 | 1815 | | | .3 | | 0.009 | 0.003 | 0.005 | 0.300 | 0.004 | 0.320 | 298.0 | 15.0L | | |
| 11 | 05 | 76 | 1800 | | | .3 | | 0.019 | 0.004 | 0.005L | 0.525 | 0.008 | 0.200 | 274.0 | 10.0 | | |
| 01 | 06 | 76 | 1830 | | | .3 | | 0.018 | 0.005 | 0.025 | 0.590 | 0.012 | 0.300 | 258.0 | 17.0 | | |
| 26 | 07 | 76 | 1800 | | | .3 | | 0.016 | 0.003 | 0.020 | 0.330 | 0.008 | 1.330 | 288.0 | 4.0 | | |
| 16 | 08 | 76 | 1811 | | | .3 | | 0.011 | 0.007 | 0.025 | 0.425 | 0.006 | 0.160 | 316.0 | 15.0L | | |
| 28 | 09 | 76 | 0900 | | | .3 | | 0.035 | 0.023 | 0.010 | 0.305 | 0.005 | 0.200 | 362.0 | 8.0 | | |
| 12 | 10 | 76 | 1700 | | | .3 | | 0.016 | 0.002 | 0.005 | 0.455 | 0.005 | 0.140 | 318.0 | 3.5 | | |
| 22 | 11 | 76 | 1600 | | | .3 | | 0.007 | 0.002 | 0.005 | 0.425 | 0.002 | 0.400 | 318.0 | 15.0L | | |
| 14 | 12 | 76 | 1000 | | | .3 | | 0.013 | 0.009 | 0.015 | 0.355 | 0.007 | 0.540 | 302.0 | 15.0L | | |

MAXIMUM 0.035 0.023 0.025 0.590 0.012 1.330 362.0 17.0
 AVG OR GEOM MN (") 0.016 0.007 0.013D 0.409 0.006 0.415 299.6 12.0D
 MINIMUM 0.007 0.002 0.005 0.300 0.002 0.140 242.0 3.5

NO OF SAMPLES 11 11 11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1000 | | | .3 | | 505 | 1.50 | 7.0 | | | 12.0 | 250 | 7.73 | 0.14 | |
| 02 | 03 | 76 | 1130 | | | .3 | | 418 | 1.40 | 7.5 | | | 5.0 | 199 | | 0.18 | |
| 27 | 04 | 76 | 1815 | | | .3 | | 465 | 0.85 | 8.0 | | | 0.0 | 234 | 8.22 | | 0.100 |
| 11 | 05 | 76 | 1800 | | | .3 | | 450 | 2.60 | 6.5 | | | 0.0 | 224 | 8.07 | | 0.180 |
| 01 | 06 | 76 | 1830 | | | .3 | | 480 | 3.50 | 7.5 | | | 0.0 | 243 | 8.52 | | 0.290 |
| 26 | 07 | 76 | 1800 | | | .3 | | 485 | 1.90 | 9.5 | | | 0.0 | 240 | 8.36 | | 0.460 |
| 16 | 08 | 76 | 1811 | | | .3 | | 560 | 2.20 | 9.0 | | | 1.6 | 243 | 8.18 | | 0.200 |
| 28 | 09 | 76 | 0900 | | | .3 | | 510 | 2.60 | 8.5 | | | 6.0 | 260 | 7.94 | | 0.170 |
| 12 | 10 | 76 | 1700 | | | .3 | | 520 | 2.70 | 9.0 | | | 6.0 | 264 | 7.96 | | 0.240 |
| 22 | 11 | 76 | 1600 | | | .3 | | 510 | 1.20 | 7.5 | | | 2.0 | 256 | 8.15 | | 0.110 |
| 14 | 12 | 76 | 1000 | | | .3 | | 510 | 1.10 | 7.0 | | | 16.0 | 251 | 7.57 | | 0.100 |

MAXIMUM 560 3.50 9.5 16.0 264 8.52 0.18 0.460
 AVG OR GEOM MN (") 492 1.96 7.9 4.4 242 8.07 0.16 0.206
 MINIMUM 418 0.85 6.5 0.0 199 7.57 0.14 0.100

NO OF SAMPLES 11 11 11 11 11 10 2 9

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 04 | 02 | 76 | 1000 | | | .3 | | | 270.0 | | | 15 | | | | | |
| 02 | 03 | 76 | 1130 | | | .3 | | | 228.0 | | | 15 | | | | | |
| 27 | 04 | 76 | 1815 | | | .3 | | | 252.0 | | | 10 | | | | | |
| 11 | 05 | 76 | 1800 | | | .3 | | | 244.0 | | | 40 | | | | | |
| 01 | 06 | 76 | 1830 | | | .3 | | | 260.0 | | | 20 | | | | | |
| 26 | 07 | 76 | 1800 | | | .3 | | | 266.0 | | | 20 | | | | | |
| 16 | 08 | 76 | 1811 | | | .3 | | | 264.0 | | | 30 | | | | | |
| 28 | 09 | 76 | 0900 | | | .3 | | | 282.0 | | | 30 | | | | | |
| 12 | 10 | 76 | 1700 | | | .3 | | | 282.0 | | | 40 | | | | | |
| 22 | 11 | 76 | 1600 | | | .3 | | | 280.0 | | | 10 | | | | | |
| 14 | 12 | 76 | 1000 | | | .3 | | | 280.0 | | | 20 | | | | | |

MAXIMUM 282.0 40
 AVG OR GEOM MN (") 264.4 23
 MINIMUM 228.0 10

NO OF SAMPLES 11 11

B.O.W./ SITE: SPEY RIVER
 SAMPLE POINT: AT HIGHWAYS 6 AND 10 NORTH OF CHATSWORTH
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SYDENHAM RIVER

STATION ID: 03-0016-004-02

STORET CODE: 02
 002
 2050

STN NO 4 LAT LONG U.T.M. 17 0507500.0 4923650.0 4 REGION 01 MILEAGE 9.70

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 04 | 02 | 76 | 0925 | | | .3 | | 20011 | 4 | | 44. | 4. L | 4. L | 0. | 1.0 | 8.8 | 0.6 |
| 02 | 03 | 76 | 1145 | | | .3 | | 20029 | 6 | | 120. | 4. | 8. | 0. | 0.0 | 11.4 | 0.5 |
| 27 | 04 | 76 | 1833 | | | .3 | | 20048 | 6 | | 200. | 4. | 4. L | 4. L | 4.0 | 15.0 | 0.3 |
| 11 | 05 | 76 | 1815 | | | .3 | | 20069 | 6 | | 150. | 16. | 36. | 4. L | 10.8 | 10.0 | 0.9 |
| 01 | 06 | 76 | 1848 | | | .3 | | 20090 | 6 | | 210. | 96. | 16. | 4. L | 18.2 | 8.7 | 1.0 |
| 26 | 07 | 76 | 1815 | | | .3 | | 20113 | 6 | | 390. | 60. | 76. | 4. L | 21.5 | 10.2 | 1.5 |
| 16 | 08 | 76 | 1825 | | | .3 | | 20134 | 6 | | 430. | 96. | 572. | 4. L | 19.8 | 13.5 | 0.3 |
| 28 | 09 | 76 | 0850 | | | .3 | | 20149 | 6 | | 190. | 48. | 48. | 4. L | 9.0 | | 0.6 |
| 12 | 10 | 76 | 1645 | | | .3 | | 20168 | 6 | | 80. | 28. | 20. | 4. L | 10.0 | 12.2 | 0.2 |
| 22 | 11 | 76 | 1540 | | | .3 | | 20187 | 6 | | 260. | 4. L | 4. L | 4. L | 0.9 | 15.2 | 0.8 |
| 14 | 12 | 76 | 0940 | | | .3 | | 20206 | 4 | | 104. | 4. L | 4. L | 4. L | 0.1 | 13.4 | 1.2 |

MAXIMUM 430. 96. 572. 4. 21.5 15.2 1.5
 AVG OR GEOM MN (") 164.* 15.* D 18.* D 3.* D 8.7 11.8 0.7
 MINIMUM 44. 4. 4. 0.0 0.0 8.7 0.2

NO OF SAMPLES 11 11 11 11 11 10 11

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 0925 | | .3 | | 0.008 | 0.004 | 0.010 | 0.285 | 0.017 | 0.210 | | | | |
| 02 | 03 | 76 | 1145 | | .3 | | 0.011 | 0.004 | 0.005 | 0.285 | 0.001 | 0.250 | | | | |
| 27 | 04 | 76 | 1833 | | .3 | | 0.007 | 0.003 | 0.005 | 0.335 | 0.002 | 0.210 | | | | |
| 11 | 05 | 76 | 1815 | | .3 | | 0.012 | 0.005 | 0.005 | 0.400 | 0.003 | 0.140 | | | | |
| 01 | 06 | 76 | 1848 | | .3 | | 0.011 | 0.003 | 0.010 | 0.390 | 0.006 | 0.160 | | | | |
| 26 | 07 | 76 | 1815 | | .3 | | 0.021 | 0.009 | 0.040 | 0.340 | 0.006 | 0.250 | | | | |
| 16 | 08 | 76 | 1825 | | .3 | | 0.005 | 0.005 | 0.015 | 0.450 | 0.002 | 0.110 | | | | |
| 28 | 09 | 76 | 0850 | | .3 | | 0.028 | 0.005 | 0.005L | 0.625 | 0.003 | 0.120 | | | | |
| 12 | 10 | 76 | 1645 | | .3 | | 0.013 | 0.001 | 0.005 | 0.370 | 0.004 | 0.150 | | | | |
| 22 | 11 | 76 | 1540 | | .3 | | 0.007 | 0.005 | 0.010 | 0.315 | 0.013 | 4.100 | | | | |
| 14 | 12 | 76 | 0940 | | .3 | | 0.003 | 0.003 | 0.010 | 0.290 | 0.001 | 0.330 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.028 0.009 0.040 0.625 0.017 4.100
0.011 0.004 0.011D 0.371 0.005 0.548
0.003 0.001 0.005 0.285 0.001 0.110

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMPHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|------------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 0925 | | .3 | | 465 | 0.50 | 7.5 | | | | | | | |
| 02 | 03 | 76 | 1145 | | .3 | | 431 | 1.00 | 12.0 | | | | | | | |
| 27 | 04 | 76 | 1833 | | .3 | | 435 | 0.65 | 7.5 | | | | | | | |
| 11 | 05 | 76 | 1815 | | .3 | | 490 | 1.00 | 8.0 | | | | | | | |
| 01 | 06 | 76 | 1848 | | .3 | | 455 | 0.75 | 8.0 | | | | | | | |
| 26 | 07 | 76 | 1815 | | .3 | | 460 | 0.80 | 8.5 | | | | | | | |
| 16 | 08 | 76 | 1825 | | .3 | | 520 | 0.85 | 8.0 | | | | | | | |
| 28 | 09 | 76 | 0850 | | .3 | | 471 | 0.70 | 6.5 | | | | | | | |
| 12 | 10 | 76 | 1645 | | .3 | | 475 | 0.90 | 8.0 | | | | | | | |
| 22 | 11 | 76 | 1540 | | .3 | | 468 | 0.45 | 7.0 | | | | | | | |
| 14 | 12 | 76 | 0940 | | .3 | | 486 | 0.90 | 7.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

520 1.00 12.0
469 0.77 8.0
431 0.45 6.5

NO OF SAMPLES

11 11 11

B.O.W./ SITE: TELFER CREEK
SAMPLE POINT: AT THOMPSON MEMORIAL FOOTBRIDGE LEITH
STATION TYPE: RIVER FLOW GAUGE MOE 02FB101

STATION ID: 03-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: TELFER CREEK

STORET CODE: 02
002
2060

STN NO 2 LAT LONG U.T.M. 17 0509900.0 4940875.0 4 REGION 01 MILEAGE 0.30

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 03 | 02 | 76 | 1700 | | .3 | | 20006 | 4 | | 200. | 44. | 12. | | 0. | 8.6 | 0.8 |
| 02 | 03 | 76 | 1545 | | .3 | | 20025 | 6 | | 690. | 12. | 128. | 0. | 0.3 | 14.1 | 1.0 |
| 27 | 04 | 76 | 1250 | | .3 | | 20043 | 6 | | 1180. | 128. | 4. | 0. | 2.5 | 16.2 | 0.6 |
| 11 | 05 | 76 | 1300 | | .3 | | 20064 | 6 | | 300. | 144. | 156. | 4. L | 5.2 | 10.6 | 1.2 |
| 01 | 06 | 76 | 1255 | | .3 | | 20085 | 6 | | 220. | 56. | 12. | 4. L | 10.9 | 10.4 | 0.5 |
| 26 | 07 | 76 | 1303 | | .3 | | 20106 | 6 | | 500. | 192. | 244. | 4. L | 15.7 | 11.4 | 1.5 |
| 16 | 08 | 76 | 1238 | | .3 | | 20127 | 6 | | 550. | 224. | 184. | 4. L | 12.5 | 14.3 | 0.5 |
| 27 | 09 | 76 | 1730 | | .3 | | 20148 | 6 | | 330. | 108. | 76. | 4. L | 11.0 | 12.3 | 1.0 |
| 12 | 10 | 76 | 1605 | | .3 | | 20167 | 6 | | 220. | 40. | 32. | 4. L | 2.3 | 14.0 | 0.4 |
| 22 | 11 | 76 | 1500 | | .3 | | 20186 | 6 | | 1100. | 144. | 52. | 4. L | 1.9 | 14.6 | 1.0 |
| 13 | 12 | 76 | 1705 | | .3 | | 20205 | 6 | | 484. | 20. | 80. | 4. L | | | 0.9 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1180. 224. 244.
438.* 73.* 50.*
200. 12. 4.

12. 21.4 16.2 1.5
3.* D 9.3 12.7 0.9
0. 0.3 8.6 0.4

NO OF SAMPLES

11 11 11 11 11 10 11

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 02 | 76 | 1700 | | .3 | | 0.011 | 0.009 | 0.015 | 0.275 | 0.003 | 0.650 | 320.0 | 15.0L | | |
| 02 | 03 | 76 | 1545 | | .3 | | 0.039 | 0.008 | 0.010 | 0.300 | 0.005 | 1.200 | 276.0 | 15.0L | | |
| 27 | 04 | 76 | 1250 | | .3 | | 0.017 | 0.007 | 0.005 | 0.375 | 0.003 | 0.510 | 300.0 | 15.0L | | |
| 11 | 05 | 76 | 1300 | | .3 | | 0.015 | 0.003 | 0.020 | 0.360 | 0.007 | 0.350 | 282.0 | 15.0L | | |
| 01 | 06 | 76 | 1255 | | .3 | | 0.007 | 0.003 | 0.010 | 0.325 | 0.015 | 0.320 | 252.0 | 14.5 | | |
| 26 | 07 | 76 | 1303 | | .3 | | 0.025 | 0.004 | 0.020 | 0.310 | 0.005 | 0.340 | 272.0 | 3.5 | | |
| 16 | 08 | 76 | 1238 | | .3 | | 0.010 | 0.005 | 0.020 | 0.290 | 0.003 | 0.230 | 270.0 | 15.0L | | |
| 27 | 09 | 76 | 1730 | | .3 | | 0.009 | 0.004 | 0.010 | 0.225 | 0.003 | 0.240 | 348.0 | 6.0 | | |
| 12 | 10 | 76 | 1605 | | .3 | | 0.020 | 0.011 | 0.015 | 0.315 | 0.005 | 0.280 | 306.0 | 1.5 | | |
| 22 | 11 | 76 | 1500 | | .3 | | 0.007 | 0.002 | 0.005 | 0.275 | 0.001 | 0.580 | 316.0 | 15.0L | | |
| 13 | 12 | 76 | 1705 | | .3 | | 0.005 | 0.005 | 0.010 | 0.300 | 0.002 | 1.090 | 336.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.039 0.011 0.020 0.375 0.015 1.200 348.0 15.0
0.015 0.006 0.013 0.305 0.005 0.526 298.0 11.9D
0.005 0.002 0.005 0.225 0.001 0.230 252.0 1.5

NO OF SAMPLES

11 11 11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 02 | 76 | 1700 | | | .3 | | 540 | 1.10 | 11.0 | | | 4.0 | 243 | 8.05 | 0.09 | |
| 02 | 03 | 76 | 1545 | | | .3 | | 482 | 4.30 | 14.5 | | | 1.0 | 219 | 8.23 | 0.38 | |
| 27 | 04 | 76 | 1250 | | | .3 | | 440 | 0.80 | 7.5 | | | 0.0 | 218 | 8.53 | | 0.080 |
| 11 | 05 | 76 | 1300 | | | .3 | | 465 | 3.50 | 8.5 | | | 0.0 | 220 | 8.48 | | 0.270 |
| 01 | 06 | 76 | 1255 | | | .3 | | 460 | 1.10 | 7.5 | | | 0.0 | 272 | 8.46 | | 0.090 |
| 26 | 07 | 76 | 1303 | | | .3 | | 435 | 2.60 | 9.5 | | | 0.0 | 213 | 8.47 | | 0.170 |
| 16 | 08 | 76 | 1238 | | | .3 | | 475 | 3.30 | 10.0 | | | 0.0 | 219 | 8.47 | | 0.160 |
| 27 | 09 | 76 | 1730 | | | .3 | | 510 | 2.30 | 14.0 | | | 0.0 | 243 | 8.45 | | 0.060 |
| 12 | 10 | 76 | 1605 | | | .3 | | 520 | 1.90 | 14.5 | | | 0.0 | 250 | 8.42 | | 0.090 |
| 22 | 11 | 76 | 1500 | | | .3 | | 520 | 1.80 | 11.5 | | | 0.0 | 257 | 8.28 | | 0.100 |
| 13 | 12 | 76 | 1705 | | | .3 | | 580 | 1.80 | 11.5 | | | 4.0 | 274 | 8.12 | | 0.100 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|-----|-----|------|------|-------|
| MAXIMUM | | | | | | | | 580 | 4.30 | 14.5 | | | 4.0 | 274 | 8.53 | 0.38 | 0.270 |
| AVG OR GEOM MN (*) | | | | | | | | 493 | 2.23 | 10.9 | | | 0.8 | 239 | 8.36 | 0.24 | 0.124 |
| MINIMUM | | | | | | | | 435 | 0.80 | 7.5 | | | 0.0 | 213 | 8.05 | 0.09 | 0.060 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | 11 | 11 | 11 | 2 | 9 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 03 | 02 | 76 | 1700 | | | .3 | | | 282.0 | | | 5 | | | | | |
| 02 | 03 | 76 | 1545 | | | .3 | | | 248.0 | | | 10 | | | | | |
| 27 | 04 | 76 | 1250 | | | .3 | | | 238.0 | | | 10 | | | | | |
| 11 | 05 | 76 | 1300 | | | .3 | | | 242.0 | | | 15 | | | | | |
| 01 | 06 | 76 | 1255 | | | .3 | | | 248.0 | | | 10 | | | | | |
| 26 | 07 | 76 | 1303 | | | .3 | | | 234.0 | | | 5 | | | | | |
| 16 | 08 | 76 | 1238 | | | .3 | | | 244.0 | | | 10 | | | | | |
| 27 | 09 | 76 | 1730 | | | .3 | | | 270.0 | | | 15 | | | | | |
| 12 | 10 | 76 | 1605 | | | .3 | | | 274.0 | | | 15 | | | | | |
| 22 | 11 | 76 | 1500 | | | .3 | | | 292.0 | | | 5 | | | | | |
| 13 | 12 | 76 | 1705 | | | .3 | | | 308.0 | | | 10 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|-------|--|--|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | | 308.0 | | | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 261.8 | | | 10 | | | | | |
| MINIMUM | | | | | | | | | 234.0 | | | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | | 11 | | | 11 | | | | | |

B.O.W. / SITE: ORCHARD CREEK
SAMPLE POINT: AT GRANDVIEW DRIVE, MEAFORD
STATION TYPE: RIVER

STATION ID: 03-0027-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ORCHARD CREEK

STORET CODE: 02
002
2160

STN NO 1 LAT LONG U.T.M. 17 0530800.0 4941000.0 4 REGION 01

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 03 | 02 | 76 | 1530 | | | .3 | | 20004 | 4 | | 130. | 4. L | 4. L | 0. | 0.0 | 8.2 | 0.9 |
| 02 | 03 | 76 | 1435 | | | .3 | | 20023 | 4 | | 72. | 4. | 12. | 0. | 1.2 | 15.0 | 0.5 |
| 27 | 04 | 76 | 1155 | | | .3 | | 20041 | 6 | | 290. | 4. L | 4. | 4. L | 5.7 | 14.6 | 0.3 |
| 11 | 05 | 76 | 1205 | | | .3 | | 20062 | 6 | | 2300. | 28. | 36. | 4. L | 12.0 | 9.8 | 0.9 |
| 01 | 06 | 76 | 1153 | | | .3 | | 20083 | 6 | | 200. | 60. | 52. | 4. L | 16.5 | 9.4 | 4.2 |
| 26 | 07 | 76 | 1152 | | | .3 | | 20104 | 6 | | 380. | 100. | 298. | 4. L | 18.9 | 9.6 | 1.6 |
| 16 | 08 | 76 | 1147 | | | .3 | | 20125 | 6 | | 1000. | 248. | 376. | 32. | 17.7 | 12.3 | 0.4 |
| 27 | 09 | 76 | 1645 | | | .3 | | 20146 | 6 | | 270. | 68. | 76. | 4. L | 13.1 | | 0.7 |
| 12 | 10 | 76 | 1515 | | | .3 | | 20165 | 6 | | 110. | 8. | 4. | 4. L | 11.0 | 10.8 | 0.7 |
| 22 | 11 | 76 | 1415 | | | .3 | | 20184 | 6 | | 360. | 28. | 12. | 4. L | 1.0 | 13.8 | 0.6 |
| 13 | 12 | 76 | 1550 | | | .3 | | 20203 | 4 | | 300. | 64. | 44. | 4. L | 0.1 | 15.2 | 0.9 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | | 2300. | 248. | 376. | 32. | 18.9 | 15.2 | 4.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 296.* | 25.* D | 27.* D | 4.* D | 8.8 | 11.9 | 1.1 |
| MINIMUM | | | | | | | | | | | 72. | 4. | 4. | 0. | 0.0 | 8.2 | 0.3 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 10 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 02 | 76 | 1530 | | | .3 | | 0.013 | 0.005 | 0.010 | 0.275 | 0.003 | 0.570 | | | | |
| 02 | 03 | 76 | 1435 | | | .3 | | 0.015 | 0.011 | 0.015 | 0.270 | 0.003 | 0.720 | | | | |
| 27 | 04 | 76 | 1155 | | | .3 | | 0.007 | 0.001L | 0.005 | 0.225 | 0.002 | 0.060 | | | | |
| 11 | 05 | 76 | 1205 | | | .3 | | 0.021 | 0.007 | 0.015 | 0.355 | 0.004 | 0.130 | | | | |
| 01 | 06 | 76 | 1153 | | | .3 | | 0.011 | 0.002 | 0.005L | 0.295 | 0.001L | 0.010 | | | | |
| 26 | 07 | 76 | 1152 | | | .3 | | 0.030 | 0.003 | 0.010 | 0.305 | 0.001 | 0.010L | | | | |
| 16 | 08 | 76 | 1147 | | | .3 | | 0.007 | 0.007 | 0.015 | 0.365 | 0.005 | 0.340 | | | | |
| 27 | 09 | 76 | 1645 | | | .3 | | 0.015 | 0.008 | 0.020 | 0.600 | 0.004 | 0.270 | | | | |
| 12 | 10 | 76 | 1515 | | | .3 | | 0.025 | 0.009 | 0.005 | 0.385 | 0.003 | 0.010L | | | | |
| 22 | 11 | 76 | 1415 | | | .3 | | 0.018 | 0.005 | 0.010 | 0.370 | 0.002 | 0.540 | | | | |
| 13 | 12 | 76 | 1550 | | | .3 | | 0.008 | 0.006 | 0.015 | 0.275 | 0.003 | 0.630 | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--------|-------|--------|--------|--|--|--|--|
| MAXIMUM | | | | | | | | 0.030 | 0.011 | 0.020 | 0.600 | 0.005 | 0.720 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.006D | 0.011D | 0.338 | 0.003D | 0.299D | | | | |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.005 | 0.225 | 0.001 | 0.010 | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 02 | 76 | 1530 | | | .3 | | 450 | 3.70 | 6.5 | | | | | | | |
| 02 | 03 | 76 | 1435 | | | .3 | | 424 | 10.00 | 11.0 | | | | | | | |
| 27 | 04 | 76 | 1155 | | | .3 | | 450 | 2.30 | 5.0 | | | | | | | |
| 11 | 05 | 76 | 1205 | | | .3 | | 500 | 8.40 | 6.0 | | | | | | | |
| 01 | 06 | 76 | 1153 | | | .3 | | 440 | 3.50 | 5.0 | | | | | | | |
| 26 | 07 | 76 | 1152 | | | .3 | | 410 | 3.90 | 6.5 | | | | | | | |
| 16 | 08 | 76 | 1147 | | | .3 | | 520 | 8.90 | 8.0 | | | | | | | |
| 27 | 09 | 76 | 1645 | | | .3 | | 485 | 18.00 | 11.5 | | | | | | | |
| 12 | 10 | 76 | 1515 | | | .3 | | 473 | 14.00 | 13.0 | | | | | | | |
| 22 | 11 | 76 | 1415 | | | .3 | | 484 | 9.10 | 10.0 | | | | | | | |
| 13 | 12 | 76 | 1550 | | | .3 | | 471 | 8.70 | 8.0 | | | | | | | |

MAXIMUM 520 18.00 13.0
 AVG OR GEOM MN (°) 464 8.23 8.2
 MINIMUM 410 2.30 5.0
 NO OF SAMPLES 11 11 11

B.O.W./ SITE: BIGHEAD RIVER

SAMPLE POINT: AT CONCESSION ROAD 8 AND 9 SOUTH OF OXMEAD

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BIGHEAD RIVER

STATION ID: 03-0030-002-02

STORET CODE: 02
 002
 2190

STN NO 2 LAT LONG U.T.M. 17 0527900.0 4935650.0 4 REGION 01 MILEAGE 7.90

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 03 | 02 | 76 | 1615 | | | .3 | | 20005 | 4 | | 110. | 4. L | 24. | 0. | 0.0 | 5.1 | 0.8 |
| 02 | 03 | 76 | 1500 | | | .3 | | 20024 | 6 | | 180. | 76. | 88. | 0. | 2.0 | 13.0 | 0.7 |
| 27 | 04 | 76 | 1218 | | | .3 | | 20042 | 6 | | 90. | 12. | 4. | 4. L | 4.9 | 15.8 | 0.4 |
| 11 | 05 | 76 | 1225 | | | .3 | | 20063 | 6 | | 150. | 44. | 20. | 4. L | 12.8 | 9.5 | 1.0 |
| 01 | 06 | 76 | 1220 | | | .3 | | 20084 | 6 | | 340. | 128. | 48. | 4. L | 16.4 | 8.9 | 3.2 |
| 26 | 07 | 76 | 1229 | | | .3 | | 20105 | 6 | | 120. | 52. | 28. | 4. L | 22.0 | 10.3 | 1.6 |
| 16 | 08 | 76 | 1206 | | | .3 | | 20126 | 6 | | 1300. | 268. | 312. | 4. L | 18.0 | 12.8 | 0.6 |
| 27 | 09 | 76 | 1700 | | | .3 | | 20147 | 6 | | 210. | 60. | 52. | 4. L | 12.2 | | 0.9 |
| 12 | 10 | 76 | 1540 | | | .3 | | 20166 | 6 | | 220. | 56. | 28. | 4. L | 11.1 | 13.0 | 0.3 |
| 22 | 11 | 76 | 1430 | | | .3 | | 20185 | 6 | | 150. | 8. | 8. | 4. L | 0.8 | 14.8 | 1.2 |
| 13 | 12 | 76 | 1630 | | | .3 | | 20204 | 6 | | 396. | 32. | 32. | 2. L | 0.1 | 12.6 | 0.8 |

MAXIMUM 1300. 268. 312. 4. 22.0 15.8 3.2
 AVG OR GEOM MN (°) 212.* 38.* D 31.* 3.* D 9.1 11.6 1.0
 MINIMUM 90. 4. 4. 0. 0.0 5.1 0.3
 NO OF SAMPLES 11 11 11 11 11 10 11

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 02 | 76 | 1615 | | | .3 | | 0.013 | 0.007 | 0.020 | 0.355 | 0.005 | 0.600 | 340.0 | 1.0 | | |
| 02 | 03 | 76 | 1500 | | | .3 | | 0.015 | 0.008 | 0.030 | 0.240 | 0.004 | 0.870 | 252.0 | 15.0L | | |
| 27 | 04 | 76 | 1218 | | | .3 | | 0.009 | 0.004 | 0.005L | 0.380 | 0.003 | 0.530 | 286.0 | 15.0L | | |
| 11 | 05 | 76 | 1225 | | | .3 | | 0.015 | 0.003 | 0.005 | 0.385 | 0.005 | 0.320 | 258.0 | 15.0L | | |
| 01 | 06 | 76 | 1220 | | | .3 | | 0.025 | 0.007 | 0.115 | 0.335 | 0.026 | 0.420 | 226.0 | 12.5 | | |
| 26 | 07 | 76 | 1229 | | | .3 | | 0.026 | 0.003 | 0.025 | 0.400 | 0.009 | 0.300 | 270.0 | 9.5 | | |
| 16 | 08 | 76 | 1206 | | | .3 | | 0.008 | 0.005 | 0.020 | 0.410 | 0.003 | 0.190 | 292.0 | 15.0L | | |
| 27 | 09 | 76 | 1700 | | | .3 | | 0.013 | 0.004 | 0.010 | 0.295 | 0.004 | 0.190 | 342.0 | 4.5 | | |
| 12 | 10 | 76 | 1540 | | | .3 | | 0.020 | 0.012 | 0.010 | 0.300 | 0.004 | 0.280 | 308.0 | 6.0 | | |
| 22 | 11 | 76 | 1430 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.315 | 0.002 | 0.550 | 312.0 | 15.0L | | |
| 13 | 12 | 76 | 1630 | | | .3 | | 0.006 | 0.005 | 0.015 | 0.315 | 0.003 | 0.950 | 302.0 | 15.0L | | |

MAXIMUM 0.026 0.012 0.115 0.410 0.026 0.950 342.0 15.0
 AVG OR GEOM MN (°) 0.014 0.005 0.024D 0.339 0.006 0.473 289.8 11.20
 MINIMUM 0.006 0.002 0.005 0.240 0.002 0.190 226.0 1.0
 NO OF SAMPLES 11 11 11 11 11 11 11

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 02 | 76 | 1615 | | | .3 | | 490 | 2.20 | 5.0 | | | 8.0 | 207 | 7.95 | | |
| 02 | 03 | 76 | 1500 | | | .3 | | 436 | 3.90 | 5.0 | | | 3.0 | 213 | 8.03 | | |
| 27 | 04 | 76 | 1218 | | | .3 | | 437 | 0.95 | 4.0 | | | 0.0 | 227 | 8.46 | | |
| 11 | 05 | 76 | 1225 | | | .3 | | 445 | 3.30 | 3.0 | | | 0.0 | 219 | 8.39 | | 0.160 |
| 01 | 06 | 76 | 1220 | | | .3 | | 445 | 3.00 | 3.0 | | | 0.0 | 231 | 8.48 | | 0.220 |
| 26 | 07 | 76 | 1229 | | | .3 | | 435 | 5.60 | 4.0 | | | 0.0 | 221 | 8.37 | | 0.220 |
| 16 | 08 | 76 | 1206 | | | .3 | | 485 | 3.60 | 4.5 | | | 0.0 | 235 | 8.39 | | 0.360 |
| 27 | 09 | 76 | 1700 | | | .3 | | 476 | 1.80 | 4.5 | | | 0.0 | 249 | 8.34 | | 0.270 |
| 12 | 10 | 76 | 1540 | | | .3 | | 476 | 6.70 | 11.5 | | | 0.0 | 219 | 8.23 | | 0.100 |
| 22 | 11 | 76 | 1430 | | | .3 | | 510 | 1.10 | 4.5 | | | 0.0 | 262 | 8.31 | | 0.260 |
| 13 | 12 | 76 | 1630 | | | .3 | | 510 | 1.50 | 4.0 | | | 8.0 | 258 | 7.94 | | 0.070 |

MAXIMUM 510 6.70 11.5 8.0 262 8.48 0.38 0.360
 AVG OR GEOM MN (°) 468 3.06 4.8 1.9 231 8.26 0.27 0.196
 MINIMUM 435 0.95 3.0 0.0 207 7.94 0.16 0.070
 NO OF SAMPLES 11 11 11 11 11 11 2 9

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 03 | 02 | 76 | 1615 | | | .3 | | | 270.0 | | | 10 | | | | | |
| 02 | 03 | 76 | 1500 | | | .3 | | | 244.0 | | | 15 | | | | | |
| 27 | 04 | 76 | 1218 | | | .3 | | | 244.0 | | | 10 | | | | | |
| 11 | 05 | 76 | 1225 | | | .3 | | | 236.0 | | | 20 | | | | | |
| 01 | 06 | 76 | 1220 | | | .3 | | | 248.0 | | | 20 | | | | | |
| 26 | 07 | 76 | 1229 | | | .3 | | | 240.0 | | | 15 | | | | | |
| 16 | 08 | 76 | 1206 | | | .3 | | | 256.0 | | | 20 | | | | | |
| 27 | 09 | 76 | 1700 | | | .3 | | | 264.0 | | | 20 | | | | | |
| 12 | 10 | 76 | 1540 | | | .3 | | | 252.0 | | | 30 | | | | | |
| 22 | 11 | 76 | 1430 | | | .3 | | | 288.0 | | | 5 | | | | | |
| 13 | 12 | 76 | 1630 | | | .3 | | | 280.0 | | | 5 | | | | | |

MAXIMUM 288.0 30
 AVG OR GEOM MN (") 256.5 15
 MINIMUM 236.0 5
 NO OF SAMPLES 11 11

B.O.W./ SITE: BEAVER RIVER
 SAMPLE POINT: AT RAILROAD BRIDGE THORNBURY
 STATION TYPE: RIVER

STATION ID: 03-0036-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BEAVER RIVER

STORET CODE: 02
 002
 2250

| STN NO | 2 | LAT | LONG | U.T.M. 17 0543590.0 4934300.0 4 | REGION 01 | MILEAGE | 0 20 | | | | | | | | | | |
|------------|-----------|----------|------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 03 | 02 | 76 | 1450 | | | .3 | | 20003 | 6 | | 180. | 4. L | 8. | 0. | 0.0 | 7.2 | 0.5 |
| 02 | 03 | 76 | 1410 | | | .3 | | 20022 | 6 | | 140. | 16. | 92. | 0. | 0.1 | 15.0 | 0.1 |
| 27 | 04 | 76 | 1130 | | | .3 | | 20040 | 6 | | 470. | 48. | 12. | 4. L | 5.5 | 15.4 | 0.3 |
| 11 | 05 | 76 | 1130 | | | .3 | | 20061 | 6 | | 250. | 36. | 16. | 4. L | 12.0 | 10.4 | 1.4 |
| 01 | 06 | 76 | 1121 | | | .3 | | 20082 | 6 | | 430. | 116. | 28. | 4. L | 16.5 | 9.0 | 1.2 |
| 26 | 07 | 76 | 1126 | | | .3 | | 20103 | 6 | | 110. | 12. | 12. | 4. L | 21.0 | 10.1 | 1.5 |
| 16 | 08 | 76 | 1117 | | | .3 | | 20124 | 6 9 | | 3300. | 356. | 340. | 24. | 18.5 | 13.0 | 0.5 |
| 27 | 09 | 76 | 1630 | | | .3 | | 20145 | 6 | | 930. | 72. | 52. | 4. L | 11.0 | | 1.2 |
| 12 | 10 | 76 | 1500 | | | .3 | | 20164 | 6 | | 800. | 60. | 236. | 4. L | 10.0 | 12.4 | 1.0 |
| 22 | 11 | 76 | 1350 | | | .3 | | 20183 | 6 | | 400. | 40. | 16. | 4. L | 0.9 | 14.2 | 0.9 |
| 13 | 12 | 76 | 1515 | | | .3 | | 20202 | 6 | | 484. | 28. | 28. | 4. L | 0.5 | 18.1 | 1.0 |

MAXIMUM 3300. 356. 340. 24. 21.0 18.1 1.5
 AVG OR GEOM MN (") 419.* 38.* D 35.* 4.* D 8.7 12.5 0.9
 MINIMUM 110. 4. 8. 0. 0.0 7.2 0.1
 NO OF SAMPLES 11 11 11 11 11 10 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 02 | 76 | 1450 | | | .3 | | 0.032 | 0.025 | 0.025 | 0.345 | 0.007 | 0.510 | | | | |
| 02 | 03 | 76 | 1410 | | | .3 | | 0.045 | 0.007 | 0.015 | 0.435 | 0.005 | 0.600 | | | | |
| 27 | 04 | 76 | 1130 | | | .3 | | 0.041 | 0.026 | 0.005L | 0.325 | 0.004 | 0.280 | | | | |
| 11 | 05 | 76 | 1130 | | | .3 | | 0.021 | 0.006 | 0.005 | 0.415 | 0.005 | 0.280 | | | | |
| 01 | 06 | 76 | 1121 | | | .3 | | 0.028 | 0.004 | 0.025 | 0.205 | 0.013 | 0.280 | 230.0 | 23.5 | | |
| 26 | 07 | 76 | 1126 | | | .3 | | 0.034 | 0.009 | 0.040 | 0.360 | 0.016 | 0.100 | 248.0 | 15.5 | | |
| 16 | 08 | 76 | 1117 | | | .3 | | 0.027 | 0.011 | 0.035 | 0.425 | 0.006 | 0.100 | 256.0 | 40.0 | | |
| 27 | 09 | 76 | 1630 | | | .3 | | 0.021 | 0.011 | 0.015 | 0.900 | 0.004 | 0.110 | 306.0 | 8.5 | | |
| 12 | 10 | 76 | 1500 | | | .3 | | 0.019 | 0.003 | 0.005 | 0.505 | 0.004 | 0.190 | 270.0 | 7.5 | | |
| 22 | 11 | 76 | 1350 | | | .3 | | 0.010 | 0.002 | 0.015 | 0.345 | 0.002 | 0.310 | 274.0 | 15.0L | | |
| 13 | 12 | 76 | 1515 | | | .3 | | 0.008 | 0.003 | 0.010 | 0.325 | 0.002 | 0.550 | 264.0 | 15.0L | | |

MAXIMUM 0.045 0.026 0.040 0.900 0.016 0.600 306.0 40.0
 AVG OR GEOM MN (") 0.026 0.010 0.018D 0.417 0.006 0.301 264.0 17.9D
 MINIMUM 0.008 0.002 0.005 0.205 0.002 0.100 230.0 7.5
 NO OF SAMPLES 11 11 11 11 11 7 7

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 02 | 76 | 1450 | | | .3 | | 494 | 2.60 | 6.0 | | | | | | | |
| 02 | 03 | 76 | 1410 | | | .3 | | 421 | 15.00 | 7.5 | | | | | | | |
| 27 | 04 | 76 | 1130 | | | .3 | | 400 | 0.15 | 4.0 | | | | | | | |
| 11 | 05 | 76 | 1130 | | | .3 | | 459 | 4.70 | 4.5 | | | | | | | |
| 01 | 06 | 76 | 1121 | | | .3 | | 410 | 8.00 | 4.5 | | | | | | | |
| 26 | 07 | 76 | 1126 | | | .3 | | 380 | 8.40 | 5.0 | | | | | | | |
| 16 | 08 | 76 | 1117 | | | .3 | | 450 | 15.00 | 5.5 | | | | | | | |
| 27 | 09 | 76 | 1630 | | | .3 | | 436 | 5.80 | 5.5 | | | | | | | |
| 12 | 10 | 76 | 1500 | | | .3 | | 456 | 4.80 | 7.0 | | | | | | | |
| 22 | 11 | 76 | 1350 | | | .3 | | 452 | 3.70 | 6.0 | | | | | | | |
| 13 | 12 | 76 | 1515 | | | .3 | | 476 | 3.20 | 5.0 | | | | | | | |

MAXIMUM 494 15.00 7.5
 AVG OR GEOM MN (") 439 6.49 5.5
 MINIMUM 380 0.15 4.0
 NO OF SAMPLES 11 11 11

B.O.W. / SITE: BEAVER RIVER
 SAMPLE POINT: AT NORTH CHANNEL NEAR KIMBERLY
 STATION TYPE: RIVER

STATION ID: 03-0036-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BEAVER RIVER

STORET CODE: 02
 002
 2250

| STN NO | 3 | LAT | LONG | U.T.M. 17 0536750.0 4915500.0 4 | REGION 01 | MILEAGE | 19.40 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 03 | 02 | 76 | 1405 | | .3 | | 20002 | 6 | | 110. | 4. L | 4. L | 0. | 0.0 | 11.3 | 0.6 |
| 02 | 03 | 76 | 1325 | | .3 | | 20021 | 6 | | 80. | 4. | 16. | 0. | 0.5 | 12.6 | 1.1 |
| 27 | 04 | 76 | 1045 | | .3 | | 20039 | 6 | | 160. | 8. | 4. | 4. L | 6.0 | 14.0 | 0.3 |
| 11 | 05 | 76 | 1045 | | .3 | | 20060 | 6 | | 100. | 8. | 8. | 4. L | 10.2 | 10.4 | 1.2 |
| 01 | 06 | 76 | 1040 | | .3 | | 20081 | 6 | | 160. | 48. | 20. | 4. L | 15.0 | 9.3 | 0.9 |
| 26 | 07 | 76 | 1054 | | .3 | | 20102 | 6 | | 190. | 20. | 36. | 4. L | 19.0 | 10.8 | 1.4 |
| 16 | 08 | 76 | 1046 | | .3 | | 20123 | 6 | | 280. | 52. | 48. | 4. L | 17.0 | 13.5 | 0.4 |
| 27 | 09 | 76 | 1655 | | .3 | | 20144 | 6 | | 90. | 12. | 100. | 4. L | 14.3 | | 0.6 |
| 12 | 10 | 76 | 1415 | | .3 | | 20163 | 6 | | 130. | 20. | 92. | 4. L | 11.0 | 12.6 | 0.2 |
| 22 | 11 | 76 | 1315 | | .3 | | 20182 | 6 | | 100. | 4. L | 4. L | 4. L | 2.0 | 15.5 | 0.8 |
| 13 | 12 | 76 | 1430 | | .3 | | 20201 | 6 | | 208. | 28. | 4. | 4. L | 1.8 | 17.8 | 1.1 |
| MAXIMUM | | | | | | | | | | 280. | 52. | 100. | 4. | 19.0 | 17.8 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 136.* | 13.* D | 15.* D | 3.* D | 8.8 | 12.8 | 0.8 |
| MINIMUM | | | | | | | | | | 80. | 4. | 4. | 0. | 0.0 | 9.3 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 10 | 11 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 03 | 02 | 76 | 1405 | | .3 | | 0.053 | 0.047 | 0.055 | 0.365 | 0.010 | 0.610 | 324.0 | 11.5 | | |
| 02 | 03 | 76 | 1325 | | .3 | | 0.021 | 0.003 | 0.035 | 0.260 | 0.007 | 0.580 | 252.0 | 15.0L | | |
| 27 | 04 | 76 | 1045 | | .3 | | 0.017 | 0.008 | 0.005 | 0.300 | 0.003 | 0.460 | 276.0 | 15.0L | | |
| 11 | 05 | 76 | 1045 | | .3 | | 0.013 | 0.003 | 0.015 | 0.380 | 0.004 | 0.410 | 242.0 | 6.0 | | |
| 01 | 06 | 76 | 1040 | | .3 | | 0.020 | 0.009 | 0.095 | 0.455 | 0.020 | 0.430 | 226.0 | 12.0 | | |
| 26 | 07 | 76 | 1054 | | .3 | | 0.013 | 0.002 | 0.015 | 0.280 | 0.003 | 0.150 | 232.0 | 6.5 | | |
| 16 | 08 | 76 | 1046 | | .3 | | 0.012 | 0.004 | 0.015 | 0.300 | 0.001 | 0.110 | 226.0 | 15.0L | | |
| 27 | 09 | 76 | 1655 | | .3 | | 0.049 | 0.008 | 0.010 | 0.735 | 0.004 | 0.220 | 298.0 | 5.0 | | |
| 12 | 10 | 76 | 1415 | | .3 | | 0.020 | 0.002 | 0.010 | 0.295 | 0.004 | 0.350 | 280.0 | 14.0 | | |
| 22 | 11 | 76 | 1315 | | .3 | | 0.007 | 0.002 | 0.015 | 0.305 | 0.001 | 0.280 | 240.0 | 15.0L | | |
| 13 | 12 | 76 | 1430 | | .3 | | 0.005 | 0.002 | 0.015 | 0.355 | 0.001 | 0.500 | 250.0 | 15.0L | | |
| MAXIMUM | | | | | | | 0.053 | 0.047 | 0.095 | 0.735 | 0.020 | 0.610 | 324.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.021 | 0.008 | 0.026 | 0.366 | 0.005 | 0.373 | 258.7 | 11.80 | | |
| MINIMUM | | | | | | | 0.005 | 0.002 | 0.005 | 0.260 | 0.001 | 0.110 | 226.0 | 5.0 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 03 | 02 | 76 | 1405 | | .3 | | 470 | 5.00 | 5.0 | | | 0.0 | 236 | 8.20 | 0.34 | |
| 02 | 03 | 76 | 1325 | | .3 | | 447 | 5.20 | 6.0 | | | 1.0 | 226 | 8.24 | | |
| 27 | 04 | 76 | 1045 | | .3 | | 405 | 2.10 | 5.0 | | | 0.0 | 202 | 8.45 | | 0.160 |
| 11 | 05 | 76 | 1045 | | .3 | | 440 | 2.70 | 4.0 | | | 0.0 | 202 | 8.47 | | 0.220 |
| 01 | 06 | 76 | 1040 | | .3 | | 420 | 2.40 | 5.0 | | | 0.0 | 212 | 8.50 | | 0.180 |
| 26 | 07 | 76 | 1054 | | .3 | | 365 | 2.00 | 5.5 | | | 0.0 | 183 | 8.49 | | 0.280 |
| 16 | 08 | 76 | 1046 | | .3 | | 385 | 2.30 | 5.0 | | | 0.0 | 183 | 8.46 | | 0.200 |
| 27 | 09 | 76 | 1655 | | .3 | | 422 | 1.70 | 6.5 | | | 0.0 | 213 | 8.49 | | 0.060 |
| 12 | 10 | 76 | 1415 | | .3 | | 444 | 5.20 | 7.5 | | | 0.0 | 223 | 8.43 | | 0.310 |
| 22 | 11 | 76 | 1315 | | .3 | | 406 | 1.60 | 4.5 | | | 0.0 | 206 | 8.43 | | 0.140 |
| 13 | 12 | 76 | 1430 | | .3 | | 427 | 1.70 | 4.5 | | | 0.0 | 213 | 8.23 | | 0.140 |
| MAXIMUM | | | | | | | 470 | 5.20 | 7.5 | | | 1.0 | 236 | 8.50 | 0.48 | 0.310 |
| AVG OR GEOM MN (*) | | | | | | | 421 | 2.90 | 5.3 | | | 0.1 | 209 | 8.40 | 0.41 | 0.181 |
| MINIMUM | | | | | | | 365 | 1.60 | 4.0 | | | 0.0 | 183 | 8.20 | 0.34 | 0.060 |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | 11 | 11 | 11 | 2 | 9 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 03 | 02 | 76 | 1405 | | .3 | | | 258.0 | | | 15 | | | | | |
| 02 | 03 | 76 | 1325 | | .3 | | | 242.0 | | | 15 | | | | | |
| 27 | 04 | 76 | 1045 | | .3 | | | 220.0 | | | 10 | | | | | |
| 11 | 05 | 76 | 1045 | | .3 | | | 220.0 | | | 20 | | | | | |
| 01 | 06 | 76 | 1040 | | .3 | | | 238.0 | | | 10 | | | | | |
| 26 | 07 | 76 | 1054 | | .3 | | | 200.0 | | | 10 | | | | | |
| 16 | 08 | 76 | 1046 | | .3 | | | 200.0 | | | 10 | | | | | |
| 27 | 09 | 76 | 1655 | | .3 | | | 230.0 | | | 15 | | | | | |
| 12 | 10 | 76 | 1415 | | .3 | | | 242.0 | | | 10 | | | | | |
| 22 | 11 | 76 | 1315 | | .3 | | | 224.0 | | | 5L | | | | | |
| 13 | 12 | 76 | 1430 | | .3 | | | 232.0 | | | 10 | | | | | |
| MAXIMUM | | | | | | | | 258.0 | | | 20 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 227.8 | | | 120 | | | | | |
| MINIMUM | | | | | | | | 200.0 | | | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | | | 11 | | | | | |

B.O.W. / SITE: BEAVER RIVER
 SAMPLE POINT: AT SOUTH CHANNEL NEAR KIMBERLY
 STATION TYPE: RIVER

STATION ID: 03-0036-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BEAVER RIVER

STORET CODE: 02
 002
 2250

| STN NO | 4 | LAT | LONG | U.T.M. 17 0536800.0 4915300.0 4 | REGION 01 | MILEAGE | 19.50 | | | | | | | | |
|----------------------|-------------|---------------------|--------------------|---------------------------------|-----------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE DY MO YR | HOUR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 03 02 76 | 1350 | | | .3 | | 20001 | 6 | | 52. | 12. | 4. L | 0. | 0.0 | 11.6 | 0.7 |
| 02 03 76 | 1335 | | | .3 | | 20020 | 6 | | 40. | 4. | 8. | 0. | 0.0 | 14.2 | 0.1 L |
| 27 04 76 | 1030 | | | .3 | | 20038 | 6 | | 52. | 16. | 8. | 4. L | 6.0 | 13.6 | 0.6 |
| 11 05 76 | 1030 | | | .3 | | 20059 | 6 | | 80. | 12. | 32. | 4. L | 9.9 | 10.5 | 1.1 |
| 01 06 76 | 1027 | | | .3 | | 20080 | 6 | | 430. | 164. | 56. | 4. L | 14.0 | 9.4 | 1.0 |
| 26 07 76 | 1047 | | | .3 | | 20101 | 6 | | 290. | 12. | 108. | 4. L | 18.4 | 10.4 | 1.4 |
| 16 08 76 | 1035 | | | .3 | | 20122 | 6 | | 360. | 64. | 136. | 4. L | 16.3 | 13.0 | 0.2 |
| 27 09 76 | 1600 | | | .3 | | 20143 | 6 | | 240. | 36. | 32. | 4. L | 14.3 | | 0.8 |
| 12 10 76 | 1425 | | | .3 | | 20162 | 6 | | 220. | 20. | 44. | 4. L | 12.0 | 11.4 | 0.1 |
| 22 11 76 | 1325 | | | .3 | | 20181 | 6 | | 120. | 12. | 4. L | 4. L | 2.6 | 16.2 | 1.2 |
| 13 12 76 | 1435 | | | .3 | | 20200 | 6 | | 496. | 8. | 12. | 4. L | 1.7 | 17.6 | 1.0 |
| MAXIMUM | | | | | | | | | 496. | 164. | 136. | 4. | 18.4 | 17.6 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 155.* | 18.* | 22.* D | 3.* D | 8.7 | 12.8 | 0.70 |
| MINIMUM | | | | | | | | | 40. | 4. | 4. | 0. | 0.0 | 9.4 | 0.1 |
| NO OF SAMPLES | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 10 | 11 |
| SAMP DTE DY MO YR | HOUR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 03 02 76 | 1350 | | | .3 | | 0.007 | 0.004 | 0.020 | 0.305 | 0.005 | 0.330 | 312.0 | 15.0L | | |
| 02 03 76 | 1335 | | | .3 | | 0.013 | 0.007 | 0.015 | 0.335 | 0.003 | 0.310 | 232.0 | 15.0L | | |
| 27 04 76 | 1030 | | | .3 | | 0.017 | 0.005 | 0.010 | 0.505 | 0.003 | 0.310 | 270.0 | 15.0L | | |
| 11 05 76 | 1030 | | | .3 | | 0.012 | 0.005 | 0.010 | 0.355 | 0.004 | 0.240 | 252.0 | 15.0L | | |
| 01 06 76 | 1027 | | | .3 | | 0.015 | 0.002 | 0.010 | 0.345 | 0.010 | 0.280 | 220.0 | 16.0 | | |
| 26 07 76 | 1047 | | | .3 | | 0.014 | 0.003 | 0.020 | 0.280 | 0.003 | 0.140 | 248.0 | 5.5 | | |
| 16 08 76 | 1035 | | | .3 | | 0.005 | 0.004 | 0.025 | 0.340 | 0.001 | 0.120 | 248.0 | 15.0L | | |
| 27 09 76 | 1600 | | | .3 | | 0.022 | 0.012 | 0.010 | 0.655 | 0.004 | 0.020 | 304.0 | 7.5 | | |
| 12 10 76 | 1425 | | | .3 | | 0.011 | 0.002 | 0.010 | 0.395 | 0.004 | 0.070 | 274.0 | 4.0 | | |
| 22 11 76 | 1325 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.365 | 0.002 | 0.160 | 262.0 | 15.0L | | |
| 13 12 76 | 1435 | | | .3 | | 0.006 | 0.005 | 0.015 | 0.345 | 0.002 | 0.330 | 262.0 | 1.5 | | |
| MAXIMUM | | | | | | 0.022 | 0.012 | 0.025 | 0.655 | 0.010 | 0.330 | 312.0 | 16.0 | | |
| AVG OR GEOM MN (*) | | | | | | 0.012 | 0.005 | 0.014 | 0.384 | 0.004 | 0.210 | 252.2 | 11.30 | | |
| MINIMUM | | | | | | 0.005 | 0.002 | 0.010 | 0.280 | 0.001 | 0.020 | 220.0 | 1.5 | | |
| NO OF SAMPLES | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |
| SAMP DTE DY MO YR | HOUR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 03 02 76 | 1350 | | | .3 | | 460 | 2.40 | 4.0 | | | 0.0 | 234 | 8.26 | 0.17 | |
| 02 03 76 | 1335 | | | .3 | | 412 | 3.90 | 4.5 | | | 0.0 | 207 | 8.31 | 0.28 | |
| 27 04 76 | 1030 | | | .3 | | 390 | 2.90 | 4.0 | | | 0.0 | 200 | 8.43 | | 0.480 |
| 11 05 76 | 1030 | | | .3 | | 430 | 4.10 | 3.0 | | | 0.0 | 196 | 8.50 | | 0.310 |
| 01 06 76 | 1027 | | | .3 | | 415 | 3.80 | 3.5 | | | 0.0 | 212 | 8.49 | | 0.240 |
| 26 07 76 | 1047 | | | .3 | | 390 | 2.30 | 4.5 | | | 0.0 | 193 | 8.39 | | 0.360 |
| 16 08 76 | 1035 | | | .3 | | 410 | 3.10 | 4.0 | | | 0.0 | 190 | 8.42 | | 0.220 |
| 27 09 76 | 1600 | | | .3 | | 399 | 3.70 | 2.0 | | | 0.0 | 206 | 8.42 | | 0.260 |
| 12 10 76 | 1425 | | | .3 | | 419 | 3.30 | 3.0 | | | 0.0 | 217 | 8.42 | | 0.200 |
| 22 11 76 | 1325 | | | .3 | | 429 | 1.80 | 4.0 | | | 0.0 | 220 | 8.48 | | 0.270 |
| 13 12 76 | 1435 | | | .3 | | 442 | 3.20 | 3.0 | | | 0.0 | 224 | 8.25 | | 0.160 |
| MAXIMUM | | | | | | 460 | 4.10 | 4.5 | | | 0.0 | 234 | 8.50 | 0.28 | 0.480 |
| AVG OR GEOM MN (*) | | | | | | 418 | 3.14 | 3.6 | | | 0.0 | 209 | 8.40 | 0.23 | 0.278 |
| MINIMUM | | | | | | 390 | 1.80 | 2.0 | | | 0.0 | 190 | 8.25 | 0.17 | 0.160 |
| NO OF SAMPLES | | | | | | 11 | 11 | 11 | | | 11 | 11 | 11 | 2 | 9 |
| SAMP DTE DY MO YR | HOUR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 03 02 76 | 1350 | | | .3 | | | 252.0 | | | 15 | | | | | |
| 02 03 76 | 1335 | | | .3 | | | 224.0 | | | 20 | | | | | |
| 27 04 76 | 1030 | | | .3 | | | 216.0 | | | 10 | | | | | |
| 11 05 76 | 1030 | | | .3 | | | 216.0 | | | 30 | | | | | |
| 01 06 76 | 1027 | | | .3 | | | 226.0 | | | 20 | | | | | |
| 26 07 76 | 1047 | | | .3 | | | 210.0 | | | 15 | | | | | |
| 16 08 76 | 1035 | | | .3 | | | 212.0 | | | 20 | | | | | |
| 27 09 76 | 1600 | | | .3 | | | 222.0 | | | 50 | | | | | |
| 12 10 76 | 1425 | | | .3 | | | 238.0 | | | 40 | | | | | |
| 22 11 76 | 1325 | | | .3 | | | 240.0 | | | 15 | | | | | |
| 13 12 76 | 1435 | | | .3 | | | 248.0 | | | 20 | | | | | |
| MAXIMUM | | | | | | | 252.0 | | | 50 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 227.6 | | | 23 | | | | | |
| MINIMUM | | | | | | | 210.0 | | | 10 | | | | | |
| NO OF SAMPLES | | | | | | | 11 | | | 11 | | | | | |

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM HIGHWAY 10 FLESHERTON
STATION TYPE: RIVER

STATION ID: 03-0036-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BEAVER RIVER

STORET CODE: 02
002
2250

| STN NO | 5 | LAT | LONG | U.T.M. 17 0536250.0 4902850.0 4 | | | | REGION 01 | MILEAGE | 27.60 | | | | | | | |
|---------|--------|-------|------|---------------------------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 03 | 02 | 76 | 1325 | | | .3 | | 20000 | 6 | | 290. | 12. | 12. | 0. | 0.3 | 11.7 | 0.9 |
| 02 | 03 | 76 | 1230 | | | .3 | | 20019 | 6 | | 280. | 40. | 28. | 0. | 1.0 | 14.2 | 1.3 |
| 27 | 04 | 76 | 1003 | | | .3 | | 20037 | 6 | | 500. | 48. | 104. | 4. L | 4.9 | 15.6 | 0.5 |
| 11 | 05 | 76 | 1005 | | | .3 | | 20058 | 6 | | 240. | 36. | 16. | 4. L | 11.9 | 9.6 | 1.0 |
| 01 | 06 | 76 | 1003 | | | .3 | | 20079 | 6 | | 170. | 32. | 48. | 4. L | 14.5 | 9.1 | 0.4 |
| 26 | 07 | 76 | 1025 | | | .3 | | 20100 | 6 | 4.4 | 270. | 24. | 56. | 4. L | 16.0 | 10.4 | 1.3 |
| 16 | 08 | 76 | 1013 | | | .3 | | 20121 | 6 | 4.7 | 300. | 44. | 72. | 4. L | 14.0 | 13.2 | 0.4 |
| 27 | 09 | 76 | 1500 | | | .3 | | 20142 | 6 | 4.7 | 90. | 12. | 20. | 4. L | 12.0 | | 0.8 |
| 12 | 10 | 76 | 1340 | | | .3 | | 20161 | 6 | 3.3 | 140. | 4. L | 24. | 4. L | 8.3 | 11.9 | 0.1 |
| 22 | 11 | 76 | 1230 | | | .3 | | 20180 | 6 | 6.2 | 320. | 8. | 48. | 4. L | 2.6 | 15.4 | 0.8 |
| 13 | 12 | 76 | 1330 | | | .3 | | 20199 | 6 | | 504. | 84. | 12. | 4. L | 0.1 | 16.2 | 0.6 |

| | | | | | | | | |
|--------------------|-----|-------|--------|------|-------|------|------|-----|
| MAXIMUM | 6.2 | 504. | 84. | 104. | 4. | 16.0 | 16.2 | 1.3 |
| AVG OR GEOM MN (*) | 4.7 | 253.* | 23.* D | 31.* | 3.* D | 7.8 | 12.7 | 0.7 |
| MINIMUM | 3.3 | 90. | 4. | 12. | 0. | 0.1 | 9.1 | 0.1 |

| | | | | | | | | |
|---------------|---|----|----|----|----|----|----|----|
| NO OF SAMPLES | 5 | 11 | 11 | 11 | 11 | 11 | 10 | 11 |
|---------------|---|----|----|----|----|----|----|----|

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 03 | 02 | 76 | 1325 | | .3 | | 0.015 | 0.005 | 0.025 | 0.285 | 0.008 | 0.400 | | | | |
| 02 | 03 | 76 | 1230 | | .3 | | 0.025 | 0.005 | 0.015 | 0.330 | 0.004 | 0.340 | | | | |
| 27 | 04 | 76 | 1003 | | .3 | | 0.013 | 0.003 | 0.005L | 0.300 | 0.003 | 0.210 | | | | |
| 11 | 05 | 76 | 1005 | | .3 | | 0.015 | 0.009 | 0.015 | 0.225 | 0.004 | 0.200 | | | | |
| 01 | 06 | 76 | 1003 | | .3 | | 0.018 | 0.004 | 0.025 | 0.405 | 0.009 | 0.260 | | | | |
| 26 | 07 | 76 | 1025 | | .3 | | 0.016 | 0.002 | 0.005L | 0.285 | 0.002 | 0.240 | | | | |
| 16 | 08 | 76 | 1013 | | .3 | | 0.008 | 0.005 | 0.010 | 0.395 | 0.002 | 0.230 | | | | |
| 27 | 09 | 76 | 1500 | | .3 | | 0.031 | 0.008 | 0.020 | 0.470 | 0.004 | 0.270 | | | | |
| 12 | 10 | 76 | 1340 | | .3 | | 0.011 | 0.002 | 0.005 | 0.295 | 0.003 | 0.360 | | | | |
| 22 | 11 | 76 | 1230 | | .3 | | 0.011 | 0.004 | 0.010 | 0.305 | 0.002 | 0.330 | | | | |
| 13 | 12 | 76 | 1330 | | .3 | | 0.013 | 0.003 | 0.020 | 0.530 | 0.003 | 0.510 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.031 | 0.009 | 0.025 | 0.530 | 0.009 | 0.510 |
| AVG OR GEOM MN (*) | 0.016 | 0.005 | 0.014D | 0.348 | 0.004 | 0.305 |
| MINIMUM | 0.008 | 0.002 | 0.005 | 0.225 | 0.002 | 0.200 |

| | | | | | | |
|---------------|----|----|----|----|----|----|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 |
|---------------|----|----|----|----|----|----|

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 03 | 02 | 76 | 1325 | | .3 | | 485 | 1.40 | 12.0 | | | | | | | |
| 02 | 03 | 76 | 1230 | | .3 | | 458 | 3.00 | 16.0 | | | | | | | |
| 27 | 04 | 76 | 1003 | | .3 | | 425 | 0.15 | 11.5 | | | | | | | |
| 11 | 05 | 76 | 1005 | | .3 | | 480 | 1.70 | 11.0 | | | | | | | |
| 01 | 06 | 76 | 1003 | | .3 | | 460 | 2.70 | 15.0 | | | | | | | |
| 26 | 07 | 76 | 1025 | | .3 | | 470 | 1.10 | 17.0 | | | | | | | |
| 16 | 08 | 76 | 1013 | | .3 | | 560 | 1.80 | 16.0 | | | | | | | |
| 27 | 09 | 76 | 1500 | | .3 | | 471 | 1.10 | 14.5 | | | | | | | |
| 12 | 10 | 76 | 1340 | | .3 | | 495 | 1.10 | 16.5 | | | | | | | |
| 22 | 11 | 76 | 1230 | | .3 | | 461 | 3.80 | 12.0 | | | | | | | |
| 13 | 12 | 76 | 1330 | | .3 | | 476 | 2.30 | 12.5 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 560 | 3.80 | 17.0 |
| AVG OR GEOM MN (*) | 476 | 1.83 | 14.0 |
| MINIMUM | 425 | 0.15 | 11.0 |

| | | | |
|---------------|----|----|----|
| NO OF SAMPLES | 11 | 11 | 11 |
|---------------|----|----|----|

B.O.W./ SITE: SILVER CREEK
SAMPLE POINT: AT HIGHWAY NO 26 COLLINGWOOD
STATION TYPE: RIVER

STATION ID: 03-0047-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SILVER CREEK

STORET CODE: 02
002
2340

| STN NO | 1 | LAT | LONG | U.T.M. 17 0557750.0 4929550.0 4 | REGION 03 | MILEAGE | 0.60 | | | | | | | | | | |
|---------|--------|-------|------|---------------------------------|-----------|-----------------|------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1540 | | | .3 | | 27013 | 4 | | 50. | 50. | 30. | | 0.0 | 12.4 | 1.2 |
| 10 | 03 | 76 | 0830 | | | .3 | | 27075 | 6 | | | | | | 2.0 | 12.6 | 0.8 |
| 14 | 04 | 76 | 0900 | | | .3 | | 27159 | 6 | | 10. L | 1. | 4. | | 8.0 | 10.4 | 1.2 |
| 20 | 05 | 76 | 0830 | | | .3 | | 27241 | 6 | | 30. | 28. | 28. | | 9.5 | 9.7 | 0.4 |
| 22 | 06 | 76 | 1245 | | | .3 | | 27308 | 6 | | 160. | | 308. | | 19.5 | 9.0 | 0.4 |
| 19 | 07 | 76 | 1345 | | | .3 | | 27337 | 6 | | 1300. | | 116. | | 21.5 | 11.0 | 0.6 |
| 19 | 08 | 76 | 0830 | | | .3 | | 27400 | 6 | | | | | | 17.0 | 10.6 | 0.6 |
| 14 | 09 | 76 | 0900 | | | .3 | | 27472 | 6 | | | | | | 19.0 | 12.0 | 0.6 |
| 21 | 10 | 76 | 1235 | | | .3 | | 27536 | 6 | | 1200. | 332. | 600. G | | 5.0 | 12.9 | 1.4 |
| 09 | 11 | 76 | 1130 | | | .3 | | 27593 | 6 | | 120. | 12. | 6. | | 1.5 | 11.5 | 1.1 |
| 07 | 12 | 76 | 1530 | | | .3 | | 27654 | 4 | | 60. | 12. | 6. | | 0.5 | 17.9 | 0.4 |

| | | | |
|--------------------|---------|------|--------|
| MAXIMUM | 1300. | 332. | 600. |
| AVG OR GEOM MN (*) | 113.* D | 20.* | 36.* U |
| MINIMUM | 10. | 1. | 4. |

| | | | | | | |
|---------------|---|---|---|----|----|----|
| NO OF SAMPLES | 8 | 6 | 8 | 11 | 11 | 11 |
|---------------|---|---|---|----|----|----|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1540 | | | .3 | | 0.010 | 0.003 | 0.010 | 0.230 | 0.002 | 0.740 | 261.0 | 8.0 | | |
| 10 | 03 | 76 | 0830 | | | .3 | | 0.034 | 0.003 | 0.022 | 0.240 | 0.005 | 0.755 | 294.0 | 31.0 | | |
| 14 | 04 | 76 | 0900 | | | .3 | | 0.015 | 0.014 | 0.026 | 0.200 | 0.003 | 0.487 | | 7.8 | | 189 |
| 20 | 05 | 76 | 0830 | | | .3 | | 0.010 | 0.001 | 0.008 | 0.200 | 0.004 | 0.581 | 257.0 | 7.1 | | |
| 22 | 06 | 76 | 1245 | | | .3 | | 0.020 | 0.004 | 0.006 | 0.250 | 0.004 | 0.426 | 252.0 | 8.0 | | |
| 19 | 07 | 76 | 1345 | | | .3 | | 0.023 | 0.003 | 0.006 | 0.180 | 0.002 | 0.433 | 245.0 | 12.0 | | |
| 19 | 08 | 76 | 0830 | | | .3 | | 0.018 | 0.002 | 0.046 | 0.180 | 0.004 | 0.426 | 252.0 | 11.0 | | |
| 14 | 09 | 76 | 0900 | | | .3 | | 0.018 | 0.002 | 0.002 | 0.280 | 0.002 | 0.368 | 248.0 | 7.4 | | |
| 21 | 10 | 76 | 1235 | | | .3 | | 0.049 | 0.009 | 0.014 | 0.230 | 0.003 | 0.232 | 327.0 | 42.0 | | |
| 09 | 11 | 76 | 1130 | | | .3 | | 0.011 | 0.003 | 0.020 | 0.410 | 0.003 | 0.567 | 332.0 | 4.0 | | |
| 07 | 12 | 76 | 1530 | | | .3 | | 0.012 | 0.002 | 0.010 | 0.170 | 0.001 | 0.794 | 292.0 | 8.8 | | |
| MAXIMUM | | | | | | | | 0.049 | 0.014 | 0.046 | 0.410 | 0.005 | 0.794 | 332.0 | 42.0 | | 189 |
| AVG OR GEOM MN (*) | | | | | | | | 0.020 | 0.004 | 0.015 | 0.239 | 0.003 | 0.528 | 276.0 | 13.4 | | 189 |
| MINIMUM | | | | | | | | 0.010 | 0.001 | 0.002 | 0.170 | 0.001 | 0.232 | 245.0 | 4.0 | | 189 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1540 | | | .3 | | 450 | 5.40 | 5.2 | | | | | | | |
| 10 | 03 | 76 | 0830 | | | .3 | | 420 | 16.00 | 5.3 | | | | | | | |
| 14 | 04 | 76 | 0900 | | | .3 | | 290 | 2.20 | 2.8 | | | | | | | |
| 20 | 05 | 76 | 0830 | | | .3 | | 410 | 2.50 | 2.9 | | | | | | | |
| 22 | 06 | 76 | 1245 | | | .3 | | 375 | 4.40 | 2.7 | | | | | | | |
| 19 | 07 | 76 | 1345 | | | .3 | | 365 | 5.30 | 3.0 | | | | | | | |
| 19 | 08 | 76 | 0830 | | | .3 | | 370 | 4.40 | 2.9 | | | | | | | |
| 14 | 09 | 76 | 0900 | | | .3 | | 370 | 2.20 | 3.1 | | | | | | | |
| 21 | 10 | 76 | 1235 | | | .3 | | 460 | 27.00 | 10.0 | | | | | | | |
| 09 | 11 | 76 | 1130 | | | .3 | | 540 | 4.00 | 20.0 | | | | | | | |
| 07 | 12 | 76 | 1530 | | | .3 | | 460 | 3.60 | 4.7 | | | | | | | |
| MAXIMUM | | | | | | | | 540 | 27.00 | 20.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 410 | 7.00 | 5.7 | | | | | | | |
| MINIMUM | | | | | | | | 290 | 2.20 | 2.7 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: PRETTY RIVER
SAMPLE POINT: AT PARKWAY BRIDGE COLLINGWOOD
STATION TYPE: RIVER

STATION ID: 03-0053-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PRETTY RIVER

STORET CODE: 02
002
2420

STN NO 1 LAT LONG U.T.M. 17 0563999.0 4927875.0 4 REGION 03 MILEAGE 0.30

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 1520 | | | .3 | | 27012 | 4 | | 60. | 10. | 30. | | 0.0 | 11.6 | 0.6 |
| 09 | 03 | 76 | 1315 | | | .3 | | 27074 | 6 | | | | | | 1.8 | 11.4 | 0.6 |
| 14 | 04 | 76 | 1030 | | | .3 | | 27160 | 6 | | 10. L | 1. | 1. | | 9.8 | 9.4 | 0.4 |
| 19 | 05 | 76 | 1435 | | | .3 | | 27240 | 6 | | 150. | 16. | 12. | | 9.0 | 9.8 | 0.6 |
| 22 | 06 | 76 | 1110 | | | .3 | | 27307 | 6 9 | | 5000. | | 1300. | | 21.0 | 9.0 | 4.4 |
| 19 | 07 | 76 | 1250 | | | .3 | | 27336 | 6 | | 50. | | 90. | | 26.8 | 9.0 | 1.0 |
| 18 | 08 | 76 | 1405 | | | .3 | | 27399 | 6 | | | | | | 25.0 | 12.0 | 0.8 |
| 13 | 09 | 76 | 1430 | | | .3 | | 27471 | 6 | | | | | | 25.0 | 12.0 | 2.4 |
| 21 | 10 | 76 | 1210 | | | .3 | | 27535 | 6 | | 220. | 1290. | 690. | | 5.5 | 12.6 | 1.8 |
| 09 | 11 | 76 | 1100 | | | .3 | | 27592 | 6 | | 16. | 12. | 6. | | 1.0 | 12.8 | 0.1 |
| 07 | 12 | 76 | 1548 | | | .3 | | 27655 | 4 | | 68. | 26. | 12. | | 0.5 | 17.8 | 0.6 |
| MAXIMUM | | | | | | | | | | | 5000. | 1290. | 1300. | | 26.8 | 17.8 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 93.* D | 20.* | 35.* | | 11.4 | 11.6 | 1.2 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 9.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 6 | 8 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1520 | | | .3 | | 0.010 | 0.004 | 0.020 | 0.220 | 0.002 | 0.840 | 293.0 | 7.0 | | |
| 09 | 03 | 76 | 1315 | | | .3 | | 0.086 | 0.005 | 0.012 | 0.300 | 0.004 | 1.420 | 400.0 | 100.0 | | |
| 14 | 04 | 76 | 1030 | | | .3 | | 0.014 | 0.007 | 0.010 | 0.180 | 0.003 | 0.852 | 263.0 | 12.0 | | |
| 19 | 05 | 76 | 1435 | | | .3 | | 0.076 | 0.002 | 0.004 | 0.370 | 0.003 | 0.617 | 302.0 | 63.0 | | |
| 22 | 06 | 76 | 1110 | | | .3 | | 3.670 | 0.050 | 0.037 | 6.850 | 0.013 | 0.402 | 4780.0 | 4525.0 | | |
| 19 | 07 | 76 | 1250 | | | .3 | | 0.142 | 0.003 | 0.006 | 0.260 | 0.003 | 0.387 | 348.0 | 101.0 | | |
| 18 | 08 | 76 | 1405 | | | .3 | | 0.066 | 0.005 | 0.040 | 0.170 | 0.003 | 0.287 | 298.0 | 61.0 | | |
| 13 | 09 | 76 | 1430 | | | .3 | | 1.800 | 0.020 | 0.014 | 4.400 | 0.005 | 0.305 | 2300.0 | 2054.0 | | |
| 21 | 10 | 76 | 1210 | | | .3 | | 0.460 | 0.018 | 0.022 | 0.640 | 0.005 | 0.920 | 814.0 | 516.0 | | |
| 09 | 11 | 76 | 1100 | | | .3 | | 0.015 | 0.003 | 0.018 | 0.550 | 0.003 | 0.562 | 329.0 | 4.4 | | |
| 07 | 12 | 76 | 1548 | | | .3 | | 0.009 | 0.001 | 0.010 | 0.130 | 0.001 | 0.969 | 307.0 | 16.0 | | |
| MAXIMUM | | | | | | | | 3.670 | 0.050 | 0.040 | 6.850 | 0.013 | 1.420 | 4780.0 | 4525.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.577 | 0.011 | 0.018 | 1.279 | 0.004 | 0.687 | 948.5 | 678.1 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.004 | 0.130 | 0.001 | 0.287 | 263.0 | 4.4 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

CONT'D

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1520 | | .3 | | 550 | 3.90 | 6.3 | | | | | | | |
| 09 | 03 | 76 | 1315 | | .3 | | 465 | 30.00 | 7.3 | | | | | | | |
| 14 | 04 | 76 | 1030 | | .3 | | 420 | 6.50 | 3.5 | | | | | | | |
| 19 | 05 | 76 | 1435 | | .3 | | 425 | 20.00 | 3.4 | | | | | | | |
| 22 | 06 | 76 | 1110 | | .3 | | 390 | 250.00 | 4.0 | | | | | | | |
| 19 | 07 | 76 | 1250 | | .3 | | 378 | 16.00 | 4.4 | | | | | | | |
| 18 | 08 | 76 | 1405 | | .3 | | 365 | 48.00 | 4.4 | | | | | | | |
| 13 | 09 | 76 | 1430 | | .3 | | 380 | 280.00 | 6.2 | | | | | | | |
| 21 | 10 | 76 | 1210 | | .3 | | 475 | 220.00 | 9.1 | | | | | | | |
| 09 | 11 | 76 | 1100 | | .3 | | 540 | 3.60 | 18.5 | | | | | | | |
| 07 | 12 | 76 | 1548 | | .3 | | 485 | 6.00 | 7.2 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

550
443
365

280.00
80.36
3.60

18.5
6.8
3.4

NO OF SAMPLES

11 11 11

B.O.W. / SITE: BATTEAUX RIVER
SAMPLE POINT: AT HIGHWAY 26 COLLINGWOOD
STATION TYPE: RIVER

STATION ID: 03-0054-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BATTEAUX RIVER

STORET CODE: 02
002
2430

STN NO 1 LAT LONG U.T.M. 17 0566250.0 4926200.0 4 REGION 03 MILEAGE 0.20

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 1500 | | .3 | | 27011 | 4 | | 100. | 30. | 30. | | 0.0 | 11.7 | 0.8 |
| 09 | 03 | 76 | 1250 | | .3 | | 27073 | 6 | | | | | | 1.2 | 10.6 | 1.0 |
| 14 | 04 | 76 | 1045 | | .3 | | 27161 | 6 | | 10. L | 1. | 1. | | 11.2 | 10.4 | 1.2 |
| 19 | 05 | 76 | 1425 | | .3 | | 27239 | 8 6 | | 120. | 40. | 16. | | 9.0 | 10.2 | 1.0 |
| 22 | 06 | 76 | 1050 | | .3 | | 27306 | 6 8 | | 600. | | 88. | | 22.0 | 9.0 | 1.4 |
| 18 | 08 | 76 | 1345 | | .3 | | 27398 | 6 | | | | | | 27.0 | 14.0 | 1.6 |
| 13 | 09 | 76 | 1410 | | .3 | | 27470 | | | | | | | 22.0 | 15.0 | 1.0 |
| 21 | 10 | 76 | 1200 | | .3 | | 27534 | 6 | | 60000. | 9900. | 600. G | | 5.2 | 11.4 | 6.0 |
| 09 | 11 | 76 | 1030 | | .3 | | 27591 | 6 | | 84. | 22. | 10. | | 0.5 | 11.6 | 0.6 |
| 07 | 12 | 76 | 1610 | | .3 | | 27656 | 4 | | 148. | 66. | 34. | | 0.5 | 16.8 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

60000.
245.* D
10.

9900.
51.*
1.

600.
26.* U
1.

27.0
9.9
0.0

16.8
12.1
9.0

6.0
1.5
0.4

NO OF SAMPLES

7 6 7 10 10 10

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1500 | | .3 | | 0.041 | 0.022 | 0.100 | 0.430 | 0.008 | 0.710 | 347.0 | 6.0 | | |
| 09 | 03 | 76 | 1250 | | .3 | | 0.104 | 0.029 | 0.162 | 0.660 | 0.011 | 1.890 | 349.0 | 37.0 | | |
| 14 | 04 | 76 | 1045 | | .3 | | 0.018 | 0.003 | 0.002 | 0.330 | 0.007 | 0.583 | 263.0 | 8.5 | | |
| 19 | 05 | 76 | 1425 | | .3 | | 0.019 | 0.001 | 0.004 | 0.430 | 0.006 | 0.024 | 250.0 | 6.4 | | |
| 22 | 06 | 76 | 1050 | | .3 | | 0.037 | 0.004 | 0.004 | 0.660 | 0.002 | 0.005L | 246.0 | 5.0 | | |
| 18 | 08 | 76 | 1345 | | .3 | | 0.170 | 0.110 | 0.086 | 0.440 | 0.005 | 0.010 | 241.0 | 10.0 | | |
| 13 | 09 | 76 | 1410 | | .3 | | 0.112 | 0.037 | 0.008 | 0.500 | 0.001 | 0.005L | 308.0 | 58.0 | | |
| 21 | 10 | 76 | 1200 | | .3 | | 0.555 | 0.210 | 0.204 | 1.800 | 0.012 | 0.478 | 399.0 | 51.0 | | |
| 09 | 11 | 76 | 1030 | | .3 | | 0.048 | 0.019 | 0.008 | 0.410 | 0.002 | 0.733 | 289.0 | 17.0 | | |
| 07 | 12 | 76 | 1610 | | .3 | | 0.029 | 0.015 | 0.050 | 0.310 | 0.006 | 1.330 | 329.0 | 5.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.555
0.113
0.018

0.210
0.045
0.001

0.204
0.063
0.002

1.800
0.597
0.310

0.012
0.006
0.001

1.890
0.577D
0.005

399.0
302.1
241.0

58.0
20.4
5.0

NO OF SAMPLES

10 10 10 10 10 10 10 10

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1500 | | .3 | | 560 | 3.50 | 14.0 | | | | | | | |
| 09 | 03 | 76 | 1250 | | .3 | | 480 | 16.00 | 15.0 | | | | | | | |
| 14 | 04 | 76 | 1045 | | .3 | | 420 | 4.90 | 8.8 | | | | | | | |
| 19 | 05 | 76 | 1425 | | .3 | | 415 | 4.00 | 8.4 | | | | | | | |
| 22 | 06 | 76 | 1050 | | .3 | | 370 | 3.10 | 10.0 | | | | | | | |
| 18 | 08 | 76 | 1345 | | .3 | | 355 | 3.80 | 15.5 | | | | | | | |
| 13 | 09 | 76 | 1410 | | .3 | | 385 | 3.60 | 14.0 | | | | | | | |
| 21 | 10 | 76 | 1200 | | .3 | | 540 | 25.00 | 23.0 | | | | | | | |
| 09 | 11 | 76 | 1030 | | .3 | | 465 | 3.60 | 4.8 | | | | | | | |
| 07 | 12 | 76 | 1610 | | .3 | | 540 | 3.00 | 11.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

560
453
355

25.00
7.05
3.00

23.0
12.5
4.8

NO OF SAMPLES

10 10 10

B.O.W./ SITE: BOYNE RIVER
 SAMPLE POINT: AT CONCESSION ROAD NO6 EARL ROWE PROVINCIAL PARK
 STATION TYPE: RIVER FLOW GAUGE FED 02EB102

STATION ID: 03-0057-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

| STN NO | 3 | LAT | LONG | U.T.M. 17 0586200.0 4889200.0 4 | REGION 03 | MILEAGE | 54.20 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 06 01 76 1420 | | | .3 | | 27003 | 6 | | 24. | 4. | 12. | | 1.0 | 11.2 | 0.4 |
| 09 03 76 1105 | | | .3 | | 27069 | 6 | 169. | | | | | 1.8 | 11.2 | 0.8 |
| 13 04 76 1300 | | | .3 | | 27154 | 6 | 63.10 | 10. L | 1. | 1. | | 7.8 | 9.8 | 0.4 |
| 19 05 76 1210 | | | .3 | | 27233 | 6 | 81.80 | 100. | 32. | 12. | | 10.0 | 9.4 | 1.0 |
| 21 06 76 1730 | | | .3 | | 27504 | 6 | 32.00 | 210. | | 16. | | 22.0 | 8.0 | 1.8 |
| 19 07 76 1300 | | | .3 | | 27524 | 6 | 21.10 | 120. | | 1. | | 23.2 | 9.1 | 1.0 |
| 19 08 76 1230 | | | .3 | | 27554 | 6 | 24.40 | 96. | | 68. | | 22.0 | 9.7 | 3.6 |
| 16 09 76 1120 | | | .3 | | 29574 | 6 | 20.80 | 210. | 12. | 32. | | 18.5 | 11.8 | 1.2 |
| 14 10 76 1110 | | | .3 | | 29594 | 6 | 37.10 | 60. | 20. | 20. | | 10.1 | 11.9 | 1.4 |
| 10 11 76 0915 | | | .3 | | 29614 | 6 | 54.30 | 10. | 12. | 1. | | 2.2 | 13.4 | 0.1 |
| 07 12 76 1115 | | | .3 | | 27645 | 6 | 38.80 | 30. | 4. | 4. L | | 1.8 | 17.5 | 0.4 |
| MAXIMUM | | | | | | | 169. | 210. | 32. | 68. | | 23.2 | 17.5 | 3.6 |
| AVG OR GEOM MN (*) | | | | | | | 54.24 | 54.* D | 8.* | 7.* D | | 10.9 | 11.2 | 1.1 |
| MINIMUM | | | | | | | 20.80 | 10. | 1. | 1. | | 1.0 | 8.0 | 0.1 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 7 | 10 | | 11 | 11 | 11 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 06 01 76 1420 | | | .3 | | 0.010 | 0.004 | 0.040 | 0.400 | 0.007 | 1.100 | 350.0 | 3.0 | | |
| 09 03 76 1105 | | | .3 | | 0.042 | 0.015 | 0.054 | 0.470 | 0.009 | 1.390 | 306.0 | 7.7 | | |
| 13 04 76 1300 | | | .3 | | 0.020 | 0.001 | 0.004 | 0.360 | 0.004 | 0.761 | 268.0 | 8.7 | | |
| 19 05 76 1210 | | | .3 | | 0.044 | 0.002 | 0.012 | 0.580 | 0.006 | 0.399 | 301.0 | 19.0 | | |
| 21 06 76 1730 | | | .3 | | 0.063 | 0.002 | 0.136 | 0.850 | 0.019 | 0.316 | 296.0 | 15.5 | | |
| 19 07 76 1300 | | | .3 | | 0.062 | 0.004 | 0.036 | 0.660 | 0.006 | 0.104 | 292.0 | 12.0 | | |
| 19 08 76 1230 | | | .3 | | 0.048 | 0.001 | 0.102 | 0.600 | 0.009 | 0.181 | 310.0 | 8.5 | | |
| 16 09 76 1120 | | | .3 | | 0.041 | 0.002 | 0.034 | 0.470 | 0.006 | 0.179 | 272.0 | 13.0 | | |
| 14 10 76 1110 | | | .3 | | 0.021 | 0.001 | 0.022 | 0.380 | 0.003 | 0.297 | 302.0 | 15.0 | | |
| 10 11 76 0915 | | | .3 | | 0.010 | 0.003 | 0.016 | 0.390 | 0.002 | 0.493 | 316.0 | 2.3 | | |
| 07 12 76 1115 | | | .3 | | 0.016 | 0.002 | 0.020 | 0.310 | 0.004 | 1.080 | 350.0 | 2.7 | | |
| MAXIMUM | | | | | 0.063 | 0.015 | 0.136 | 0.850 | 0.019 | 1.390 | 350.0 | 19.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.034 | 0.003 | 0.043 | 0.497 | 0.007 | 0.573 | 305.7 | 9.8 | | |
| MINIMUM | | | | | 0.010 | 0.001 | 0.004 | 0.310 | 0.002 | 0.104 | 268.0 | 2.3 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 06 01 76 1420 | | | .3 | | 550 | 2.60 | 15.5 | | | | | | | |
| 09 03 76 1105 | | | .3 | | 450 | 5.60 | 16.5 | | | | | | | |
| 13 04 76 1300 | | | .3 | | 435 | 4.60 | 10.5 | | | | | | | |
| 19 05 76 1210 | | | .3 | | 470 | 8.30 | 11.5 | | | | | | | |
| 21 06 76 1730 | | | .3 | | 435 | 8.60 | 10.5 | | | | | | | |
| 19 07 76 1300 | | | .3 | | 435 | 7.40 | 11.0 | | | | | | | |
| 19 08 76 1230 | | | .3 | | 440 | 6.50 | 11.0 | | | | | | | |
| 16 09 76 1120 | | | .3 | | 425 | 7.80 | 10.5 | | | | | | | |
| 14 10 76 1110 | | | .3 | | 490 | 8.00 | 13.5 | | | | | | | |
| 10 11 76 0915 | | | .3 | | 530 | 2.60 | 17.0 | | | | | | | |
| 07 12 76 1115 | | | .3 | | 580 | 2.80 | 16.5 | | | | | | | |
| MAXIMUM | | | | | 580 | 8.60 | 17.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 476 | 5.89 | 13.1 | | | | | | | |
| MINIMUM | | | | | 425 | 2.60 | 10.5 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: PINE RIVER
 SAMPLE POINT: UPSTREAM FROM CAMP BORDEN STP
 STATION TYPE: RIVER

STATION ID: 03-0057-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

| STN NO | 5 | LAT | LONG | U.T.M. 17 0587650.0 4905625.0 4 | | | | REGION 03 | | | | MILEAGE | 33.90 | |
|--------------------|------|-----|-------|---------------------------------|-----------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 07 01 76 1130 | | | .3 | | 27008 | 4 | | 60. | 1. | 10. | | 0.5 | 9.8 | 0.6 |
| 10 03 76 1040 | | | .3 | | 27077 | 6 | | | | | | 1.4 | 10.9 | 0.4 |
| 13 04 76 1500 | | | .3 | | 27157 | 6 | | 10. L | 10. L | 10. L | | 6.5 | 9.6 | 0.4 |
| 20 05 76 1340 | | | .3 | | 27244 | 6 | | 20. | 1. | 4. | | 12.0 | 9.2 | 0.6 |
| 22 06 76 1100 | | | .3 | | 27509 | 6 | | 100. L | | 70. | | 20.8 | 8.9 | 1.6 |
| 19 07 76 1430 | | | .3 | | 27529 | 6 | | 150. | | 152. | | 21.1 | 9.8 | 0.4 |
| 18 08 76 1330 | | | .3 | | 27550 | 6 | | 64. | | 12. | | 20.9 | 9.8 | 0.8 |
| 15 09 76 1345 | | | .3 | | 29570 | 6 0 | | 210. | 64. | 28. | | 17.7 | 11.8 | 0.2 |
| 13 10 76 1340 | | | .3 | | 29590 | 6 | | 48. | 6. | 10. | | 12.7 | 10.6 | 0.7 |
| 09 11 76 1350 | | | .3 | | 29610 | 6 | | 4. | 1. | 1. | | 2.5 | 13.7 | 0.7 |
| 07 12 76 1350 | | | .3 | | 27650 | 4 | | 240. | 66. | 12. | | 0.8 | 17.8 | 1.2 |
| MAXIMUM | | | | | | | | 240. | 66. | 152. | | 21.1 | 17.8 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 51.* D | 6.* D | 13.* D | | 10.6 | 11.1 | 0.7 |
| MINIMUM | | | | | | | | 4. | 1. | 1. | | 0.5 | 8.9 | 0.2 |
| NO OF SAMPLES | | | | | | | | 10 | 7 | 10 | | 11 | 11 | 11 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 | 01 | 76 | 1130 | | | .3 | 0.018 | 0.003 | 0.020 | 0.270 | 0.005 | 1.100 | 289.0 | 7.0 | | |
| 10 | 03 | 76 | 1040 | | | .3 | 0.058 | 0.005 | 0.018 | 0.400 | 0.006 | 1.570 | 314.0 | 4.5 | | |
| 13 | 04 | 76 | 1500 | | | .3 | 0.024 | 0.001 | 0.004 | 0.280 | 0.004 | 2.400 | 290.0 | 26.0 | | |
| 20 | 05 | 76 | 1340 | | | .3 | 0.015 | 0.001 | 0.004 | 0.320 | 0.004 | 1.470 | 285.0 | 10.0 | | |
| 22 | 06 | 76 | 1100 | | | .3 | 0.025 | 0.004 | 0.002 | 0.300 | 0.004 | 1.090 | 273.0 | 13.0 | | |
| 19 | 07 | 76 | 1430 | | | .3 | 0.012 | 0.004 | 0.004 | 0.200 | 0.003 | 0.867 | 269.0 | 9.5 | | |
| 18 | 08 | 76 | 1330 | | | .3 | 0.021 | 0.005 | 0.010 | 0.290 | 0.003 | 0.567 | 264.0 | 8.0 | | |
| 15 | 09 | 76 | 1345 | | | .3 | 0.011 | 0.003 | 0.002 | 0.210 | 0.003 | 0.677 | 263.0 | 3.4 | | |
| 13 | 10 | 76 | 1340 | | | .3 | 0.005 | 0.002 | 0.002 | 0.120 | 0.002 | 0.633 | 264.0 | 2.2 | | |
| 09 | 11 | 76 | 1350 | | | .3 | 0.011 | 0.003 | 0.010 | 0.250 | 0.002 | 0.773 | 268.0 | 3.6 | | |
| 07 | 12 | 76 | 1350 | | | .3 | 0.103 | 0.065 | 0.302 | 0.600 | 0.004 | 1.230 | 290.0 | 12.0 | | |
| MAXIMUM | | | | | | | 0.103 | 0.065 | 0.302 | 0.600 | 0.006 | 2.400 | 314.0 | 26.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.028 | 0.009 | 0.034 | 0.295 | 0.004 | 1.125 | 279.0 | 9.0 | | |
| MINIMUM | | | | | | | 0.005 | 0.001 | 0.002 | 0.120 | 0.002 | 0.567 | 263.0 | 2.2 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 07 | 01 | 76 | 1130 | | | .3 | 450 | 18.00 | 6.6 | | | | | | | |
| 10 | 03 | 76 | 1040 | | | .3 | 435 | 26.00 | 7.3 | | | | | | | |
| 13 | 04 | 76 | 1500 | | | .3 | 425 | 11.00 | 8.1 | | | | | | | |
| 20 | 05 | 76 | 1340 | | | .3 | 445 | 3.60 | 7.4 | | | | | | | |
| 22 | 06 | 76 | 1100 | | | .3 | 410 | 7.60 | 7.5 | | | | | | | |
| 19 | 07 | 76 | 1430 | | | .3 | 400 | 5.50 | 7.0 | | | | | | | |
| 18 | 08 | 76 | 1330 | | | .3 | 415 | 5.90 | 6.7 | | | | | | | |
| 15 | 09 | 76 | 1345 | | | .3 | 400 | 2.60 | 7.2 | | | | | | | |
| 13 | 10 | 76 | 1340 | | | .3 | 490 | 2.60 | 6.9 | | | | | | | |
| 09 | 11 | 76 | 1350 | | | .3 | 435 | 2.60 | 7.0 | | | | | | | |
| 07 | 12 | 76 | 1350 | | | .3 | 450 | 4.50 | 8.8 | | | | | | | |
| MAXIMUM | | | | | | | 490 | 26.00 | 8.8 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 432 | 8.17 | 7.3 | | | | | | | |
| MINIMUM | | | | | | | 400 | 2.60 | 6.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: NOTTAWASAGA RIVER
SAMPLE POINT: AT HIGHWAY NO 92 WASAGA BEACH
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STATION ID: 03-0057-006-83

STORET CODE: 02
002
2470

| STN NO | 6 | LAT | LONG | U.T.M. 17 0578050.0 4930225.0 4 | | | | REGION 03 | | MILEAGE | 0.20 | | | | |
|--------------------|--------------------|---------------------|--------------------|---------------------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY MO YR | DTE HOUR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 14 04 76 | 1140 | | | .3 | | 27163 | 6 | | 10. L | 1. | 1. | | 10.4 | 8.8 | 1.0 |
| 20 05 76 | 0925 | | | .3 | | 27242 | | | 40. | 8. | 4. | | | | 0.6 |
| | 1000 | | | .3 | | 27256 | | | 110. | 12. | 4. | | | | 0.6 |
| 22 06 76 | 1410 | | | .3 | | 27310 | 6 | | 140. | | 4. | | 22.8 | 11.0 | 1.4 |
| 20 07 76 | 0920 | | | .3 | | 27338 | 6 | | 120. | | 1. | | 21.0 | 11.0 | 1.6 |
| 19 08 76 | 1200 | | | .3 | | 27401 | 6 8 9 | | | | | | 22.0 | 5.0 | 1.4 |
| 13 09 76 | 1310 | | | .3 | | 27469 | 6 | | | | | | 19.0 | 11.0 | 1.2 |
| 21 10 76 | 1315 | | | .3 | | 27537 | 6 | | 1170. | 64. | 180. | | 5.5 | 10.4 | 1.4 |
| 09 11 76 | 1230 | | | .3 | | 27594 | 6 | | 28. | 8. | 46. | | 1.5 | 10.5 | 0.1 |
| 08 12 76 | 1100 | | | .3 | | 27658 | 4 | | 228. | 18. | 8. | | 1.0 | 12.5 | 0.8 |
| MAXIMUM | | | | | | | | | 1170. | 64. | 180. | | 22.8 | 12.5 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | 93.* D | 10.* | 7.* | | 12.9 | 10.0 | 1.0 |
| MINIMUM | | | | | | | | | 10. | 1. | 1. | | 1.0 | 5.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | 8 | 6 | 8 | | 8 | 8 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 14 | 04 | 76 | 1140 | | | .3 | 0.040 | 0.003 | 0.006 | 0.520 | 0.007 | 0.548 | 275.0 | 15.0 | | |
| 20 | 05 | 76 | 0925 | | | .3 | 0.041 | 0.008 | 0.026 | 0.590 | 0.008 | 0.562 | 325. | 14. | | |
| | | | 1000 | | | .3 | 0.055 | 0.007 | 0.020 | 0.590 | 0.009 | 0.556 | | 14. | | |
| 22 | 06 | 76 | 1410 | | | .3 | 0.062 | 0.001 | 0.002L | 0.66 | 0.014 | 0.411 | 293.0 | 13.0 | 280 | |
| 20 | 07 | 76 | 0920 | | | .3 | 0.056 | 0.002 | 0.012 | 0.660 | 0.007 | 0.398 | 333.0 | 12.5 | 320 | |
| 19 | 08 | 76 | 1200 | | | .3 | 0.068 | 0.013 | 0.024 | 0.640 | 0.007 | 0.393 | 307.0 | 15.0 | 292 | |
| 13 | 09 | 76 | 1310 | | | .3 | 0.260 | 0.031 | 0.020 | 0.680 | 0.011 | 0.854 | 292.0 | 32.0 | 260 | |
| 21 | 10 | 76 | 1315 | | | .3 | 0.045 | 0.022 | 0.018 | 0.330 | 0.004 | 0.551 | 337.0 | 16.0 | | |
| 09 | 11 | 76 | 1230 | | | .3 | 0.011 | 0.003 | 0.016 | 0.520 | 0.002 | 0.453 | 305.0 | 6.1 | 299 | |
| 08 | 12 | 76 | 1100 | | | .3 | 0.041 | 0.022 | 0.066 | 0.520 | 0.015 | 0.745 | 327.0 | 4.0 | 323 | |
| MAXIMUM | | | | | | | 0.260 | 0.031 | 0.066 | 0.680 | 0.015 | 0.854 | 337.0 | 32.0 | 323 | |
| AVG OR GEOM MN (*) | | | | | | | 0.068 | 0.011 | 0.021D | 0.571 | 0.008 | 0.547 | 310.4 | 14.2 | 296 | |
| MINIMUM | | | | | | | 0.011 | 0.001 | 0.002 | 0.330 | 0.002 | 0.393 | 275.0 | 4.0 | 260 | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 6 | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 14 | 04 | 76 | 1140 | | | .3 | | 400 | 9.10 | 9.5 | | | | | | | |
| 20 | 05 | 76 | 0925 | | | .3 | | 490 | 7.8 | 12.5 | | | | | | | |
| | | | 1000 | | | .3 | | 490 | 8.3 | 12.5 | 23.5 | 2.1 | | | | | 0.620 |
| 22 | 06 | 76 | 1410 | | | .3 | | 450 | 8.50 | 10.5 | 20.0 | 4.05 | | | 8.27 | | 0.720 |
| 20 | 07 | 76 | 0920 | | | .3 | | 474 | 8.40 | 11.0 | 20.0 | 5.30 | | | 8.25 | | 0.490 |
| 19 | 08 | 76 | 1200 | | | .3 | | 450 | 8.40 | 10.5 | 18.0 | 6.00 | | | 8.23 | | 0.500 |
| 13 | 09 | 76 | 1310 | | | .3 | | 400 | 29.00 | 11.0 | 19.0 | 4.25 | | | 7.98 | | 1.020 |
| 21 | 10 | 76 | 1315 | | | .3 | | 520 | 14.00 | 14.5 | | | | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | | 500 | 3.20 | 7.9 | 29.5 | 3.90 | | | 8.23 | | 0.280 |
| 08 | 12 | 76 | 1100 | | | .3 | | 550 | 3.80 | 15.0 | 27.0 | 4.50 | | | 7.62 | | 0.360 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 550 | 29.00 | 15.0 | 29.5 | 6.00 | | | 8.27 | | 1.020 |
| AVG OR GEOM MN (*) | | | | | | | | 472 | 10.05 | 11.5 | 22.4 | 4.30 | | | 8.10 | | 0.570 |
| MINIMUM | | | | | | | | 400 | 3.20 | 7.9 | 18.0 | 2.1 | | | 7.62 | | 0.280 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 7 | 7 | | | 6 | | 7 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 14 | 04 | 76 | 1140 | | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 0925 | | | .3 | | | | | | | | | | | |
| | | | 1000 | | | .3 | | 1. L | | | | | | | | 12 | |
| 22 | 06 | 76 | 1410 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 20 | 07 | 76 | 0920 | | | .3 | | 1.0 | | | | | | | | 20 | |
| 19 | 08 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | 14 | |
| 13 | 09 | 76 | 1310 | | | .3 | | | | | | | | | | 27 | 1 |
| 21 | 10 | 76 | 1315 | | | .3 | | | | | | | | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | | 27 | |
| 08 | 12 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | 27 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|----|----|---|
| MAXIMUM | | | | | | | | 1. | | | | | | | 12 | 27 | 1 |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | 9 | 21 | 1 |
| MINIMUM | | | | | | | | 1. | | | | | | | 1 | 12 | 1 |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | 6 | 7 | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 05 | 76 | 1000 | | | .3 | | | 0.05 L | | 0.01 L | 0.04 | 0.01 L | 0.01 L | 0.02 | | 0.01 L |
| 13 | 09 | 76 | 1310 | | | .3 | 0.001L | | | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| 08 | 12 | 76 | 1100 | | | .3 | 0.001L | 0.020 | | | 0.020L | 0.010 | 0.010L | 0.005L | 0.020 | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--------|--|--------|--------|--------|--------|--------|--|--------|
| MAXIMUM | | | | | | | | 0.001 | 0.05 | | 0.020 | 0.04 | 0.01 | 0.01 | 0.02 | | 0.01 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.035D | | 0.013D | 0.020D | 0.010D | 0.008D | 0.017D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.01 | 0.010 | 0.01 | 0.005 | 0.010 | | 0.01 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: COUNTY ROAD 10. DOWNSTREAM FROM ALLISTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STATION ID: 03-0057-007-02

STORET CODE: 02
002
2470

STN NO 7 LAT LONG U.T.M. 17 0593590.0 4890500.0 4 REGION 03 MILEAGE 48.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 1000 | | | .3 | | 27007 | 6 | | 450. | 60. | 10. L | | 1.0 | 10.7 | 1.2 |
| 09 | 03 | 76 | 1040 | | | .3 | | 27068 | 6 | | | | | | 2.5 | 11.0 | 1.0 |
| 13 | 04 | 76 | 1240 | | | .3 | | 27153 | 6 | | 470. | 10. L | 20. | | 9.6 | 9.3 | 0.4 |
| 19 | 05 | 76 | 1110 | | | .3 | | 27232 | 6 | | 500. | 184. | 12. | | 9.8 | 8.4 | 1.0 |
| 21 | 06 | 76 | 1800 | | | .3 | | 27505 | 6 | | 2500. | | 236. | | 21.5 | 8.3 | 1.4 |
| 19 | 07 | 76 | 1140 | | | .3 | | 27525 | 6 | | 520. | | 32. | | 21.1 | 9.2 | 0.8 |
| 19 | 08 | 76 | 1330 | | | .3 | | 27555 | 6 | | 190. | | 80. | | 22.0 | 9.3 | 2.8 |
| 16 | 09 | 76 | 1335 | | | .3 | | 29575 | 6 | | 900. | 188. | 132. | | 18.0 | 10.8 | 0.8 |
| 14 | 10 | 76 | 1330 | | | .3 | | 29595 | 6 | | 4100. | 212. | 1200. | | 10.1 | 10.1 | 2.1 |
| 10 | 11 | 76 | 0935 | | | .3 | | 29615 | 6 | | 20. | 12. | 36. | | 2.5 | 16.9 | 1.3 |
| 07 | 12 | 76 | 1240 | | | .3 | | 27648 | 4 | | 140. | 20. | 32. | | 1.8 | 16.8 | 0.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 4100. | 212. | 1200. | | 22.0 | 16.9 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 440.* | 52.* D | 55.* D | | 10.9 | 11.0 | 1.2 |
| MINIMUM | | | | | | | | | | | 20. | 10. | 10. | | 1.0 | 8.3 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 7 | 10 | | 11 | 11 | 11 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1000 | | .3 | | 0.120 | 0.011 | 0.080 | 0.480 | 0.008 | 1.500 | 357.0 | 5.0 | | |
| 09 | 03 | 76 | 1040 | | .3 | | 0.092 | 0.036 | 0.066 | 0.530 | 0.012 | 1.590 | 341.0 | 28.0 | | |
| 13 | 04 | 76 | 1240 | | .3 | | 0.112 | 0.085 | 0.020 | 0.400 | 0.008 | 1.070 | 325.0 | 14.0 | | |
| 19 | 05 | 76 | 1110 | | .3 | | 0.070 | 0.026 | 0.018 | 0.580 | 0.009 | 0.646 | 326.0 | 12.0 | | |
| 21 | 06 | 76 | 1800 | | .3 | | 0.276 | 0.150 | 0.048 | 0.900 | 0.036 | 0.800 | 336.0 | 16.0 | | |
| 19 | 07 | 76 | 1140 | | .3 | | 0.184 | 0.098 | 0.016 | 0.580 | 0.010 | 0.915 | 373.0 | 13.0 | | |
| 19 | 08 | 76 | 1330 | | .3 | | 1.020 | 0.690 | 0.022 | 0.600 | 0.010 | 0.830 | 328.0 | 11.0 | | |
| 16 | 09 | 76 | 1335 | | .3 | | 0.470 | 0.420 | 0.020 | 0.450 | 0.008 | 1.000 | 314.0 | 9.7 | | |
| 14 | 10 | 76 | 1330 | | .3 | | 0.785 | 0.700 | 0.004 | 0.450 | 0.007 | 0.903 | 310.0 | 7.4 | | |
| 10 | 11 | 76 | 0935 | | .3 | | 0.170 | 0.150 | 0.018 | 0.390 | 0.004 | 0.781 | 336.0 | 3.4 | | |
| 07 | 12 | 76 | 1240 | | .3 | | 0.214 | 0.175 | 0.024 | 0.400 | 0.005 | 1.450 | 368.0 | 4.3 | | |
| MAXIMUM | | | | | | | 1.020 | 0.700 | 0.080 | 0.900 | 0.036 | 1.590 | 373.0 | 28.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.319 | 0.231 | 0.031 | 0.524 | 0.011 | 1.044 | 337.6 | 11.3 | | |
| MINIMUM | | | | | | | 0.070 | 0.011 | 0.004 | 0.390 | 0.004 | 0.646 | 310.0 | 3.4 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1000 | | .3 | | 580 | 2.00 | 20.0 | | | | | | | |
| 09 | 03 | 76 | 1040 | | .3 | | 465 | 11.00 | 19.5 | | | | | | | |
| 13 | 04 | 76 | 1240 | | .3 | | 480 | 6.80 | 16.0 | | | | | | | |
| 19 | 05 | 76 | 1110 | | .3 | | 500 | 6.30 | 15.5 | | | | | | | |
| 21 | 06 | 76 | 1800 | | .3 | | 495 | 8.50 | 18.5 | | | | | | | |
| 19 | 07 | 76 | 1140 | | .3 | | 496 | 5.60 | 17.5 | | | | | | | |
| 19 | 08 | 76 | 1330 | | .3 | | 500 | 5.00 | 18.5 | | | | | | | |
| 16 | 09 | 76 | 1335 | | .3 | | 500 | 5.00 | 19.5 | | | | | | | |
| 14 | 10 | 76 | 1330 | | .3 | | 530 | 6.00 | 23.0 | | | | | | | |
| 10 | 11 | 76 | 0935 | | .3 | | 560 | 2.60 | 22.0 | | | | | | | |
| 07 | 12 | 76 | 1240 | | .3 | | 610 | 2.60 | 25.0 | | | | | | | |
| MAXIMUM | | | | | | | 610 | 11.00 | 25.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 520 | 5.58 | 19.5 | | | | | | | |
| MINIMUM | | | | | | | 465 | 2.00 | 15.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: LAMONT CREEK
SAMPLE POINT: HIGHWAY 26 STAYNER
STATION TYPE: RIVER

STATION ID: 03-0057-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

| STN NO | 9 | LAT | LONG | U.T.M. | 17 | 0571900.0 | 4918850.0 | 4 | REGION | 03 | MILEAGE | 11.20 | | | | |
|--------------------|-----------|------------|-------------|------------|---------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1438 | | .3 | | 27010 | 4 | | 170. | 80. | 80. | | 0.5 | 10.9 | 20.0 |
| 09 | 03 | 76 | 1230 | | .3 | | 27072 | 6 | | | | | | 3.0 | 9.2 | 1.2 |
| 14 | 04 | 76 | 1115 | | .3 | | 27162 | 6 | | 630. | 10. | 10. L | | 13.8 | 12.4 | 1.2 |
| 19 | 05 | 76 | 1415 | | .3 | | 27238 | 6 | | 400. | 208. | 104. | | 8.5 | 10.8 | 1.2 |
| 22 | 06 | 76 | 1030 | | .3 | | 27305 | 6 8 | | 2900. | | 156. | | 19.0 | 6.0 | 1.4 |
| 19 | 07 | 76 | 1130 | | .3 | | 27334 | 6 8 9 | | 83000. | | 600. G | | 23.0 | 19.0 | 1.2 |
| 18 | 08 | 76 | 1328 | | .3 | | 27397 | 6 8 9 | | | | | | 25.0 | 18.0 | 1.2 |
| 13 | 09 | 76 | 1340 | | .3 | | 27468 | 6 8 | | | | | | 20.0 | 19.0 | 2.2 |
| 21 | 10 | 76 | 1135 | | .3 | | 27533 | 6 | | 24000E+1 | 15000. | 15000. G | | 4.5 | 11.3 | 11.0 |
| 09 | 11 | 76 | 0940 | | .3 | | 27590 | 6 | | 10. L | 1. | 24. | | 0.0 | 11.0 | 0.4 |
| 07 | 12 | 76 | 1500 | | .3 | | 27653 | 4 | | 480. | 180. | 108. | | 0.1 | 18.2 | 0.6 |
| MAXIMUM | | | | | | | | | | 24000E+1 | 15000. | 15000. | | 25.0 | 19.0 | 20.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1363.* D | 88.* | 153.* E | | 10.7 | 13.3 | 3.8 |
| MINIMUM | | | | | | | | | | 10. | 1. | 10. | | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 8 | 6 | 8 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1438 | | .3 | | 0.074 | 0.024 | 0.150 | 0.690 | 0.008 | 0.800 | 609.0 | 10.0 | | |
| 09 | 03 | 76 | 1230 | | .3 | | 0.245 | 0.195 | 0.650 | 1.200 | 0.022 | 2.930 | 434.0 | 6.9 | | |
| 14 | 04 | 76 | 1115 | | .3 | | 0.029 | 0.002 | 0.002 | 0.430 | 0.010 | 0.615 | 402.0 | 3.8 | | |
| 19 | 05 | 76 | 1415 | | .3 | | 0.054 | 0.011 | 0.024 | 0.730 | 0.015 | 0.365 | 477.0 | 4.4 | | |
| 22 | 06 | 76 | 1030 | | .3 | | 0.065 | 0.020 | 0.022 | 0.640 | 0.006 | 0.069 | 704.0 | 4.0 | | |
| 19 | 07 | 76 | 1130 | | .3 | | 0.068 | 0.013 | 0.046 | 0.630 | 0.005 | 0.340 | 668.0 | 8.0 | | |
| 18 | 08 | 76 | 1328 | | .3 | | 0.064 | 0.013 | 0.120 | 0.700 | 0.006 | 0.299 | 616.0 | 4.0 | | |
| 13 | 09 | 76 | 1340 | | .3 | | 0.057 | 0.017 | 0.010 | 0.590 | 0.001 | 0.189 | 1090.0 | 5.2 | | |
| 21 | 10 | 76 | 1135 | | .3 | | 1.100 | 0.600 | 0.820 | 2.990 | 0.018 | 0.692 | 477.0 | 34.0 | | |
| 09 | 11 | 76 | 0940 | | .3 | | 0.036 | 0.020 | 0.008 | 0.430 | 0.002 | 0.303 | 299.0 | 4.0 | | |
| 07 | 12 | 76 | 1500 | | .3 | | 0.043 | 0.023 | 0.090 | 0.420 | 0.011 | 1.280 | 681.0 | 105.0 | | |
| MAXIMUM | | | | | | | 1.100 | 0.600 | 0.820 | 2.990 | 0.022 | 2.930 | 1090.0 | 105.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.167 | 0.085 | 0.177 | 0.859 | 0.009 | 0.717 | 587.0 | 17.2 | | |
| MINIMUM | | | | | | | 0.029 | 0.002 | 0.002 | 0.420 | 0.001 | 0.069 | 299.0 | 3.8 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1438 | | | .3 | | 1000 | 4.30 | 103.0 | | | | | | | |
| 09 | 03 | 76 | 1230 | | | .3 | | 650 | 3.70 | 55.0 | | | | | | | |
| 14 | 04 | 76 | 1115 | | | .3 | | 620 | 2.10 | 62.0 | | | | | | | |
| 19 | 05 | 76 | 1415 | | | .3 | | 800 | 2.50 | 95.0 | | | | | | | |
| 22 | 06 | 76 | 1030 | | | .3 | | 1210 | 1.50 | 230.0 | | | | | | | |
| 19 | 07 | 76 | 1130 | | | .3 | | 1090 | 3.50 | 95.0 | | | | | | | |
| 18 | 08 | 76 | 1328 | | | .3 | | 1000 | 2.40 | 225.0 | | | | | | | |
| 13 | 09 | 76 | 1340 | | | .3 | | 1750 | 2.80 | 405.0 | | | | | | | |
| 21 | 10 | 76 | 1135 | | | .3 | | 680 | 26.00 | 51.0 | | | | | | | |
| 09 | 11 | 76 | 0940 | | | .3 | | 490 | 5.00 | 8.8 | | | | | | | |
| 07 | 12 | 76 | 1500 | | | .3 | | 960 | 43.00 | 120.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1750 | 43.00 | 405.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 932 | 8.80 | 131.8 | | | | | | | |
| MINIMUM | | | | | | | | 490 | 1.50 | 8.8 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: PINE RIVER
SAMPLE POINT: UPSTREAM FROM NOTTAWASAGA RIVER ANGUS
STATION TYPE: RIVER

STATION ID: 03-0057-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

| STN NO | 10 | LAT | LONG | U.T.M. 17 0588800.0 4907600.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 32.20 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1245 | | | .3 | | 27009 | 6 | | 130. | 1. | 10. | L | 0.0 | 10.8 | 2.2 |
| 10 | 03 | 76 | 0945 | | | .3 | | 27076 | 6 | | | | | | 1.5 | 11.7 | 0.4 |
| 13 | 04 | 76 | 1520 | | | .3 | | 27158 | 6 | | 8300. | 20. | 50. | | 7.2 | 8.6 | 0.6 |
| 20 | 05 | 76 | 1350 | | | .3 | | 27243 | 6 | | 1500. | G | 600. | G | 204. | 11.0 | 9.1 |
| 22 | 06 | 76 | 1130 | | | .3 | | 27508 | 6 | | 800. | | 20. | | 20.0 | 8.4 | 1.6 |
| 19 | 07 | 76 | 1445 | | | .3 | | 27528 | 6 | | 25000. | | 120. | | 21.0 | 9.1 | 1.4 |
| 18 | 08 | 76 | 1345 | | | .3 | | 27551 | 6 | | 17000. | | 44. | | 19.5 | 9.6 | 2.0 |
| 15 | 09 | 76 | 1405 | | | .3 | | 29571 | 6 | | 29000. | 390. | 10. | | 17.2 | 10.4 | 1.6 |
| 13 | 10 | 76 | 1405 | | | .3 | | 29591 | 6 | | 8400. | 20. | 8. | | 11.9 | 10.4 | 1.3 |
| 09 | 11 | 76 | 1415 | | | .3 | | 29611 | 6 | | 7100. | 10. | 16. | | 2.5 | 16.6 | 0.6 |
| 07 | 12 | 76 | 1340 | | | .3 | | 27649 | 4 | | 100. | 4. | 4. | L | 1.0 | 17.2 | 0.4 |
| MAXIMUM | | | | | | | | | | | 29000. | 600. | 204. | | 21.0 | 17.2 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 3147.* U | 23.* U | 24.* D | | 10.3 | 11.1 | 1.2 |
| MINIMUM | | | | | | | | | | | 100. | 1. | 4. | | 0.0 | 8.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 7 | 10 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1245 | | | .3 | | 0.100 | 0.060 | 0.330 | 0.690 | 0.006 | 1.000 | 292.0 | 15.0 | | |
| 10 | 03 | 76 | 0945 | | | .3 | | 0.068 | 0.026 | 0.134 | 0.520 | 0.007 | 1.590 | 335.0 | 58.0 | | |
| 13 | 04 | 76 | 1520 | | | .3 | | 0.072 | 0.033 | 0.146 | 0.550 | 0.008 | 2.500 | 301.0 | 25.0 | | |
| 20 | 05 | 76 | 1350 | | | .3 | | 0.057 | 0.034 | 0.178 | 0.550 | 0.012 | 1.440 | 291.0 | 9.7 | | |
| 22 | 06 | 76 | 1130 | | | .3 | | 0.099 | 0.068 | 0.219 | 0.620 | 0.037 | 1.070 | 276.0 | 16.0 | | |
| 19 | 07 | 76 | 1445 | | | .3 | | 0.128 | 0.072 | 0.236 | 0.580 | 0.047 | 0.888 | 291.0 | 11.0 | | |
| 18 | 08 | 76 | 1345 | | | .3 | | 0.118 | 0.073 | 0.238 | 0.660 | 0.061 | 0.629 | 278.0 | 12.0 | | |
| 15 | 09 | 76 | 1405 | | | .3 | | 0.128 | 0.105 | 0.356 | 0.620 | 0.054 | 0.746 | 240.0 | 5.3 | | |
| 13 | 10 | 76 | 1405 | | | .3 | | 0.085 | 0.061 | 0.272 | 0.500 | 0.013 | 0.652 | 256.0 | 2.6 | | |
| 09 | 11 | 76 | 1415 | | | .3 | | 0.077 | 0.065 | 0.334 | 0.600 | 0.004 | 0.776 | 277.0 | 3.5 | | |
| 07 | 12 | 76 | 1340 | | | .3 | | 0.029 | 0.012 | 0.018 | 0.210 | 0.003 | 1.170 | 269.0 | 12.0 | | |
| MAXIMUM | | | | | | | | 0.128 | 0.105 | 0.356 | 0.690 | 0.061 | 2.500 | 335.0 | 58.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.087 | 0.055 | 0.224 | 0.555 | 0.023 | 1.133 | 282.4 | 15.5 | | |
| MINIMUM | | | | | | | | 0.029 | 0.012 | 0.018 | 0.210 | 0.003 | 0.629 | 240.0 | 2.6 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1245 | | | .3 | | 450 | 18.00 | 8.2 | | | | | | | |
| 10 | 03 | 76 | 0945 | | | .3 | | 435 | 31.00 | 8.0 | | | | | | | |
| 13 | 04 | 76 | 1520 | | | .3 | | 425 | 8.20 | 8.8 | | | | | | | |
| 20 | 05 | 76 | 1350 | | | .3 | | 450 | 3.00 | 8.4 | | | | | | | |
| 22 | 06 | 76 | 1130 | | | .3 | | 415 | 6.00 | 9.0 | | | | | | | |
| 19 | 07 | 76 | 1445 | | | .3 | | 410 | 5.30 | 9.0 | | | | | | | |
| 18 | 08 | 76 | 1345 | | | .3 | | 425 | 5.20 | 8.2 | | | | | | | |
| 15 | 09 | 76 | 1405 | | | .3 | | 410 | 3.20 | 8.9 | | | | | | | |
| 13 | 10 | 76 | 1405 | | | .3 | | 500 | 2.80 | 8.6 | | | | | | | |
| 09 | 11 | 76 | 1415 | | | .3 | | 450 | 2.60 | 9.4 | | | | | | | |
| 07 | 12 | 76 | 1340 | | | .3 | | 440 | 7.20 | 6.7 | | | | | | | |
| MAXIMUM | | | | | | | | 500 | 31.00 | 9.4 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 437 | 8.41 | 8.5 | | | | | | | |
| MINIMUM | | | | | | | | 410 | 2.60 | 6.7 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: BOYNE RIVER

SAMPLE POINT: FIRST BRIDGE ON HIGHWAY 24 NORTH OF HIGHWAY 10

STATION TYPE: RIVER

STATION ID: 03-0057-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVERSTORET CODE: 02
002
2470

| STN NO | 11 | LAT | LONG | U.T.M. 17 0564875.0 4881425.0 4 | | | | REGION 02 | | | | MILEAGE | 76.10 | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 13 01 76 1100 | .3 | | | | 31302 | 6 0 | | 23000E+2 | 25000E+1 | 15000. | G | 1.5 | 3.1 | 22.0 |
| 11 02 76 1130 | .3 | | | | 31341 | 6 0 | | 52000E+1 | 37300E+1 | 5000. | | 2.0 | 2.2 | 30.0 |
| 09 03 76 1100 | .3 | | | | 31381 | 6 0 | | 25000E+1 | 26000. | 2000. | | 0.0 | 10.3 | 0.9 |
| 08 04 76 0945 | .3 | | | | 31421 | 5 | | 23000. | 1000. | 1000. | L | 4.5 | 12.2 | 7.6 |
| 10 05 76 1120 | .3 | | | | 31461 | 5 | | 49000E+1 | 14900E+1 | 1000. | | 14.0 | 14.9 | 15.0 |
| 03 06 76 1110 | .3 | | | | 31501 | 5 | | 13000E+2 | | 1000. | | 20.0 | 13.7 | 24.0 |
| 29 07 76 1140 | .3 | | | | 31541 | 3 | | | 600. | G 6200. | | 17.0 | 5.7 | 10. |
| 17 08 76 1230 | .3 | | | | 31581 | 5 | | 44000. | 1. | 288. | | 19.5 | 7.8 | 11.0 |
| 07 10 76 1040 | .3 | | | | 31618 | 5 | | 54000. | 7700. | 3200. | | 9.0 | 5.6 | 16.0 |
| 20 10 76 1045 | .3 | | | | 31655 | 5 | | 15000E+1 | 9100. | 1600. | | 2.5 | 8.1 | 17. |
| 04 11 76 1045 | .3 | | | | 31694 | 5 | | 13000. | 12000. | 2800. | | | | 11.0 |
| 08 12 76 1110 | .3 | | | | 31731 | 5 0 | | 28000E+1 | 38000. | 7100. | | 0.0 | 6.9 | 14.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM23000E+2 37300E+1 15000.
17800E+* 7845.* U 2342.* E
13000. 1. 288.20.0 14.9 30.0
8.2 8.2 14.9
0.0 2.2 0.8

NO OF SAMPLES

11 11 12 11 11 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1100 | .3 | | | | 2.700 | 2.500 | 11.000 | 13.000 | 0.055 | 0.310 | 665.0 | 28.0 | | |
| 11 02 76 1130 | .3 | | | | 3.000 | 2.380 | 12.300 | 15.700 | 0.076 | 0.360 | 1241.0 | 27.0 | | |
| 09 03 76 1100 | .3 | | | | 0.660 | 0.400 | 3.260 | 4.700 | 0.024 | 2.330 | 581.0 | 165.0 | | |
| 08 04 76 0945 | .3 | | | | 0.905 | 0.600 | 4.200 | 6.450 | 0.023 | 1.530 | 572.0 | 20.0 | | |
| 10 05 76 1120 | .3 | | | | 0.985 | 0.420 | 0.330 | 4.700 | 0.033 | 1.820 | 552.0 | 41.0 | | |
| 03 06 76 1110 | .3 | | | | 2.680 | 1.250 | 4.290 | 12.000 | 0.130 | 0.395 | 699.0 | 50.0 | | |
| 29 07 76 1140 | .3 | | | | 0.715 | 0.340 | 0.420 | 2.200 | 0.091 | 0.309 | 408. | 116. | | |
| 17 08 76 1230 | .3 | | | | 2.850 | 2.200 | 7.000 | 12.500 | 0.320 | 0.585 | 642.0 | 23.0 | | |
| 07 10 76 1040 | .3 | | | | 1.950 | 1.200 | 2.220 | 7.200 | 0.230 | 0.970 | 612.0 | 27.0 | | |
| 20 10 76 1045 | .3 | | | | 2.200 | 1.120 | 2.200 | 6.150 | 0.150 | 1.450 | 725. | 45. | | |
| 04 11 76 1045 | .3 | | | | 1.250 | 0.740 | 1.200 | 5.400 | 0.090 | 2.710 | 612.0 | 24.0 | | |
| 08 12 76 1110 | .3 | | | | 2.750 | 2.000 | 6.350 | 9.500 | 0.120 | 0.950 | 719.0 | 24.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM3.000 2.500 12.300 15.700 0.320 2.710 1241.0 165.0
1.897 1.263 4.564 8.292 0.112 1.143 669.0 49.2
0.660 0.340 0.330 2.200 0.023 0.309 408. 20.0

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTPS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 01 76 1100 | .3 | | | | 1070 | 20.00 | 90.0 | | | | | | | |
| 11 02 76 1130 | .3 | | | | 5000 | 20.00 | 500.0 | | | | | | | |
| 09 03 76 1100 | .3 | | | | 620 | 47.00 | 49.0 | | | | | | | |
| 08 04 76 0945 | .3 | | | | 860 | 5.20 | 77.0 | | | | | | | |
| 10 05 76 1120 | .3 | | | | 800 | 13.00 | 58.0 | | | | | | | |
| 03 06 76 1110 | .3 | | | | 950 | 19.00 | 93. | | | | | 8.78 | | |
| 29 07 76 1140 | .3 | | | | 465 | 72.0 | 60. | | | | | | | |
| 17 08 76 1230 | .3 | | | | 1010 | 13.00 | 100.0 | | | | | | | |
| 07 10 76 1040 | .3 | | | | 920 | 16.00 | 88.0 | | | | | | | |
| 20 10 76 1045 | .3 | | | | 1250 | 17.0 | 225. | | | | | | | |
| 04 11 76 1045 | .3 | | | | 940 | 6.50 | 70.0 | | | | | | | |
| 08 12 76 1110 | .3 | | | | 1140 | 15.00 | 105.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM5000 72.0 500.0
1252 21.98 126.3
465 5.20 49.0

NO OF SAMPLES

12 12 12 1

B.O.W./ SITE: BOYNE RIVER
 SAMPLE POINT: FIRST CONCESSION ROAD EAST OF HIGHWAY NO 24 NORTH OF HIGHWAY NO 10
 STATION TYPE: RIVER
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STATION ID: 03-0057-012-02

STORET CODE: 02
 002
 2470

| STN NO | 12 | LAT | LONG | U.T.M. 17 0565825.0 4883900.0 4 | REGION 02 | MILEAGE | 73.70 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 01 | 76 | 1115 | | | .3 | | 31303 | 4 | | 21000. | 6800. | 950. | | 0.0 | 13.7 | 1.6 |
| 11 02 | 76 | 1140 | | | .3 | | 31342 | 4 | | 1800. | 1360. | 20. | | 0.0 | 10.9 | 1.0 |
| 09 03 | 76 | 1110 | | | .3 | | 31382 | 6 | | 3800. | 480. | 60. | | 0.0 | 11.9 | 1.0 |
| 08 04 | 76 | 0935 | | | .3 | | 31422 | 6 | | 90. | 16. | 12. | | 2.0 | 13.0 | 1.8 |
| 10 05 | 76 | 1140 | | | .3 | | 31462 | 6 | | 900. | 132. | 4. | | 11.0 | 12.8 | 1.8 |
| 03 06 | 76 | 1120 | | | .3 | | 31502 | 5 | | | 71000. | 228. | | 15.5 | 11.8 | 7.0 |
| 29 07 | 76 | 1150 | | | .3 | | 31542 | 3 | | 2500. | 600. G | 320. | | 18.0 | 6.5 | 2.4 |
| 17 08 | 76 | 1205 | | | .3 | | 31582 | 6 | | 900. | 1. | 100. | | 16.0 | 9.5 | 2.2 |
| 07 10 | 76 | 1110 | | | .3 | | 31619 | 6 | | 4300. | 510. | 1290. | | 8.5 | 8.3 | 3.2 |
| 20 10 | 76 | 1055 | | | .3 | | 31656 | 6 | | 500. | 60. | 40. | | 1.5 | 11.2 | 2.6 |
| 04 11 | 76 | 1115 | | | .3 | | 31695 | 6 | | 200. | 160. | 60. | | | 9.9 | 1.5 |
| 08 12 | 76 | 1100 | | | .3 | | 31732 | 4 | | 4700. | 490. | 140. | | 0.0 | 11.7 | 0.3 |
| | | | | | | | | | | 21000. | 71000. | 1290. | | 18.0 | 13.7 | 7.0 |
| MAXIMUM | | | | | | | | | | 1434.* | 315.* U | 86.* | | 6.6 | 10.9 | 2.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | 90. | 1. | 4. | | 0.0 | 6.5 | 0.8 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 11 | 12 | 12 | | 11 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 13 01 | 76 | 1115 | | | .3 | | 0.280 | 0.250 | 1.200 | 1.800 | 0.018 | 0.880 | 392.0 | 4.0 | | |
| 11 02 | 76 | 1140 | | | .3 | | 0.260 | 0.210 | 1.050 | 1.730 | 0.015 | 1.010 | 458.0 | 9.4 | | |
| 09 03 | 76 | 1110 | | | .3 | | 0.106 | 0.057 | 0.400 | 1.280 | 0.010 | 1.290 | 325.0 | 15.0 | | |
| 08 04 | 76 | 0935 | | | .3 | | 0.056 | 0.023 | 0.168 | 0.700 | 0.011 | 0.894 | 294.0 | 5.0 | | |
| 10 05 | 76 | 1140 | | | .3 | | 0.040 | 0.005 | 0.002L | 0.640 | 0.008 | 0.352 | 315.0 | 3.4 | | |
| 03 06 | 76 | 1120 | | | .3 | | 0.660 | 0.311 | 0.732 | 1.800 | 0.100 | 0.685 | 408.0 | 13.0 | | |
| 29 07 | 76 | 1150 | | | .3 | | 0.270 | 0.140 | 0.166 | 0.920 | 0.030 | 0.245 | 331. | 12. | | |
| 17 08 | 76 | 1205 | | | .3 | | 0.226 | 0.190 | 0.120 | 1.000 | 0.074 | 0.506 | 353.0 | 4.1 | | |
| 07 10 | 76 | 1110 | | | .3 | | 0.188 | 0.100 | 0.038 | 1.960 | 0.016 | 0.419 | 377.0 | 9.0 | | |
| 20 10 | 76 | 1055 | | | .3 | | 0.155 | 0.100 | 0.054 | 0.780 | 0.008 | 0.632 | 392. | 8. | | |
| 04 11 | 76 | 1115 | | | .3 | | 0.110 | 0.061 | 0.068 | 0.800 | 0.008 | 0.732 | 364.0 | 4.0 | | |
| 08 12 | 76 | 1100 | | | .3 | | 0.210 | 0.175 | 0.590 | 1.280 | 0.013 | 1.140 | 410.0 | 8.8 | | |
| | | | | | | | MAXIMUM | 0.660 | 0.311 | 1.200 | 1.960 | 0.100 | 1.290 | 458.0 | 15.0 | |
| | | | | | | | AVG OR GEOM MN (*) | 0.213 | 0.135 | 0.382D | 1.224 | 0.026 | 0.732 | 368.3 | 8.0 | |
| | | | | | | | MINIMUM | 0.040 | 0.005 | 0.002 | 0.640 | 0.008 | 0.245 | 294.0 | 3.4 | |
| | | | | | | | NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 13 01 | 76 | 1115 | | | .3 | | 650 | 2.60 | 29.0 | | | | | | | |
| 11 02 | 76 | 1140 | | | .3 | | 800 | 2.40 | 88.0 | | | | | | | |
| 09 03 | 76 | 1110 | | | .3 | | 480 | 4.90 | 22.5 | | | | | | | |
| 08 04 | 76 | 0935 | | | .3 | | 455 | 2.30 | 15.5 | | | | | | | |
| 10 05 | 76 | 1140 | | | .3 | | 500 | 1.40 | 18.0 | | | | | 8.42 | | |
| 03 06 | 76 | 1120 | | | .3 | | 600 | 5.60 | 34.0 | | | | | | | |
| 29 07 | 76 | 1150 | | | .3 | | 520 | 4.2 | 28. | | | | | | | |
| 17 08 | 76 | 1205 | | | .3 | | 560 | 3.40 | 25.0 | | | | | | | |
| 07 10 | 76 | 1110 | | | .3 | | 580 | 5.00 | 35.5 | | | | | | | |
| 20 10 | 76 | 1055 | | | .3 | | 620 | 3.6 | 36. | | | | | | | |
| 04 11 | 76 | 1115 | | | .3 | | 600 | 1.80 | 25.0 | | | | | | | |
| 08 12 | 76 | 1100 | | | .3 | | 660 | 3.00 | 31.0 | | | | | | | |
| | | | | | | | MAXIMUM | 800 | 5.60 | 88.0 | | | | | 8.42 | |
| | | | | | | | AVG OR GEOM MN (*) | 585 | 3.35 | 32.3 | | | | | 8.42 | |
| | | | | | | | MINIMUM | 455 | 1.40 | 15.5 | | | | | 8.42 | |
| | | | | | | | NO OF SAMPLES | 12 | 12 | 12 | | | | 1 | | |

B.O.W./ SITE: BEETON CREEK

SAMPLE POINT: AT BRIDGE ON NORTH-SOUTH ROAD NORTH OF BEETON

STATION TYPE: RIVER

STATION ID: 03-0057-013-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02

002

2470

| STN NO | 13 | LAT | LONG | U.T.M. 17 0597225.0 4882975.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 61.20 |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 06 | 01 | 76 | 1610 | | .3 | | 27004 | 4 | | 180. | 30. | 180. | | 0.0 | 11.2 | 0.8 |
| 09 | 03 | 76 | 0930 | | .3 | | 27066 | 4 | | | | | | 1.0 | 10.6 | 0.8 |
| 13 | 04 | 76 | 1200 | | .3 | | 27151 | 6 | | 280. | 12. | 10. | L | 9.8 | 11.0 | 2.2 |
| 19 | 05 | 76 | 1045 | | .3 | | 27230 | 8 | | 1800. | 180. | 16. | | 7.8 | 9.4 | 1.4 |
| 22 | 06 | 76 | 1010 | | .3 | | 27506 | 6 | | 400. | | 50. | | 22.2 | 7.2 | 1.6 |
| 19 | 07 | 76 | 1100 | | .3 | | 27526 | 6 | | 500. | | 8. | | 22.0 | 9.7 | 1.0 |
| 19 | 08 | 76 | 1415 | | .3 | | 27557 | 6 | | 280. | | 104. | | 24.0 | 11.9 | 1.2 |
| 16 | 09 | 76 | 1415 | | .3 | | 29577 | 6 | | 420. | 216. | 112. | G | 18.0 | 12.1 | 1.4 |
| 14 | 10 | 76 | 1410 | | .3 | | 29597 | 6 | | 4300. | 404. | 60. | | 10.0 | 13.3 | 2.3 |
| 10 | 11 | 76 | 1015 | | .3 | | 29616 | 6 | | 9900. | 1790. | 90. | | 2.0 | 15.0 | 1.7 |
| 07 | 12 | 76 | 1210 | | .3 | | 27647 | 6 | | 180. | 30. | 4. | | 1.0 | 16.4 | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

9900.
663.*
180.

1790.
117.*
12.

180.
35.* E
4.

24.0
10.7
0.0

16.4
11.6
7.2

2.3
1.4
0.8

NO OF SAMPLES

10 7 10 11 11

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 06 | 01 | 76 | 1610 | | .3 | | 0.026 | 0.008 | 0.070 | 0.400 | 0.011 | 0.750 | 355.0 | | | |
| 09 | 03 | 76 | 0930 | | .3 | | 0.056 | 0.014 | 0.082 | 0.550 | 0.011 | 2.190 | 351.0 | 5.0 | | |
| 13 | 04 | 76 | 1200 | | .3 | | 0.128 | 0.070 | 0.450 | 1.290 | 0.043 | 0.702 | | 16.0 | | |
| 19 | 05 | 76 | 1045 | | .3 | | 0.036 | 0.004 | 0.006 | 0.620 | 0.009 | 0.221 | 344.0 | 5.6 | | |
| 22 | 06 | 76 | 1010 | | .3 | | 0.108 | 0.023 | 0.132 | 0.900 | 0.027 | 0.168 | | | | |
| 19 | 07 | 76 | 1100 | | .3 | | 0.040 | 0.009 | 0.010 | 0.400 | 0.003 | 0.007 | | | | |
| 19 | 08 | 76 | 1415 | | .3 | | 0.054 | 0.009 | 0.022 | 0.440 | 0.005 | 0.015 | | | | |
| 16 | 09 | 76 | 1415 | | .3 | | 0.050 | 0.007 | 0.010 | 0.410 | 0.003 | 0.022 | | | | |
| 14 | 10 | 76 | 1410 | | .3 | | 0.043 | 0.010 | 0.004 | 0.460 | 0.004 | 0.176 | | | | |
| 10 | 11 | 76 | 1015 | | .3 | | 0.490 | 0.310 | 0.380 | 1.240 | 0.014 | 0.566 | | | | |
| 07 | 12 | 76 | 1210 | | .3 | | 0.194 | 0.076 | 0.196 | 0.870 | 0.008 | 0.722 | 364.0 | 15.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.490
0.111
0.026

0.310
0.049
0.004

0.450
0.124
0.004

1.290
0.689
0.400

0.043
0.013
0.003

2.190
0.504
0.007

364.0
353.5
344.0

16.0
10.4
5.0

NO OF SAMPLES

11 11 11 11 11 11 4 4

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 06 | 01 | 76 | 1610 | | .3 | | 560 | 3.00 | 14.5 | | | | | | | |
| 09 | 03 | 76 | 0930 | | .3 | | 500 | 8.00 | 18.5 | | | | | | | |
| 13 | 04 | 76 | 1200 | | .3 | | 550 | 5.10 | 27.0 | | | | | | | |
| 19 | 05 | 76 | 1045 | | .3 | | 550 | 3.00 | 13.5 | | | | | | | |
| 22 | 06 | 76 | 1010 | | .3 | | 463 | 22.00 | 13.0 | | | | | | | |
| 19 | 07 | 76 | 1100 | | .3 | | 415 | 5.80 | 12.5 | | | | | | | |
| 19 | 08 | 76 | 1415 | | .3 | | 450 | 5.60 | 16.5 | | | | | | | |
| 16 | 09 | 76 | 1415 | | .3 | | 430 | 6.40 | 13.0 | | | | | | | |
| 14 | 10 | 76 | 1410 | | .3 | | 520 | 8.00 | 23.5 | | | | | | | |
| 10 | 11 | 76 | 1015 | | .3 | | 680 | 14.00 | 40.5 | | | | | | | |
| 07 | 12 | 76 | 1210 | | .3 | | 600 | 5.20 | 21.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

680
520
415

22.00
7.83
3.00

40.5
19.5
12.5

NO OF SAMPLES

11 11 11

B.O.W./ SITE: BEETON CREEK

SAMPLE POINT: SECOND CONCESSION RD NORTH OF BEETON

STATION TYPE: RIVER

STATION ID: 03-0057-014-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02

002

2470

| STN NO | 14 | LAT | LONG | U.T.M. 17 0598325.0 4884400.0 4 | REGION 03 | MILEAGE | 58.20 | | | | | | | | | |
|---------|--------|-------|----------|---------------------------------|------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 06 | 01 | 76 | 1630 | | .3 | | 27005 | 4 | | 200. | 20. | 90. | | 0.0 | 10.6 | 0.6 |
| 09 | 03 | 76 | 0900 | | .3 | | 27065 | 6 | | | | | | 1.2 | 9.8 | 1.4 |
| 13 | 04 | 76 | 1220 | | .3 | | 27152 | 6 | | 210. | 10. | 10. | L | 10.0 | 9.6 | 1.8 |
| 19 | 05 | 76 | 1055 | | .3 | | 27231 | 6 | | 200. | 96. | 28. | | 7.5 | 9.3 | 1.4 |
| 22 | 06 | 76 | 1030 | | .3 | | 27507 | 6 B | | 400. | | 50. | | 22.2 | 8.3 | 1.2 |
| 19 | 07 | 76 | 1115 | | .3 | | 27527 | 6 B | | 400. | | | | 22.1 | 9.6 | 0.6 |
| 19 | 08 | 76 | 1400 | | .3 | | 27556 | 6 | | 730. | | 312. | | 24.5 | 9.7 | 1.2 |
| 16 | 09 | 76 | 1405 | | .3 | | 29576 | 6 | | 1300. | 476. | 196. | | 18.0 | 10.8 | 1.2 |
| 14 | 10 | 76 | 1355 | | .3 | | 29596 | 6 | | 3600. | 630. | 400. | | 10.8 | 11.4 | 2.3 |
| 10 | 11 | 76 | 1005 | | .3 | | 29617 | 6 | | 400. | 240. | 10. | L | 2.0 | 15.9 | 0.8 |
| 07 | 12 | 76 | 1155 | | .3 | | 27646 | 4 | | 140. | 10. | 10. | L | 1.2 | 16.6 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

3600.
437.*
140.

630.
75.* D
10.

400.
53.* D
10.

24.5
10.9
0.0

16.6
11.1
8.3

2.3
1.3
0.6

NO OF SAMPLES

10 7 9 11 11 11

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 06 | 01 | 76 | 1630 | | | .3 | 0.027 | 0.005 | 0.060 | 0.430 | 0.012 | 0.850 | 364.0 | 6.0 | | |
| 09 | 03 | 76 | 0900 | | | .3 | 0.061 | 0.013 | 0.090 | 0.560 | 0.012 | 2.060 | 360.0 | 22.0 | | |
| 13 | 04 | 76 | 1220 | | | .3 | 0.112 | 0.065 | 0.348 | 1.140 | 0.038 | 0.652 | | | | |
| 19 | 05 | 76 | 1055 | | | .3 | 0.031 | 0.003 | 0.014 | 0.560 | 0.009 | 0.186 | 347.0 | 7.0 | | |
| 22 | 06 | 76 | 1030 | | | .3 | 0.084 | 0.018 | 0.095 | 0.680 | 0.040 | 0.185 | | | | |
| 19 | 07 | 76 | 1115 | | | .3 | 0.026 | 0.009 | 0.010 | 0.380 | 0.003 | 0.007 | | | | |
| 19 | 08 | 76 | 1400 | | | .3 | 0.066 | 0.011 | 0.074 | 0.520 | 0.011 | 0.064 | | | | |
| 16 | 09 | 76 | 1405 | | | .3 | 0.044 | 0.007 | 0.006 | 0.340 | 0.003 | 0.042 | | | | |
| 14 | 10 | 76 | 1355 | | | .3 | 0.039 | 0.006 | 0.002L | 0.480 | 0.005 | 0.200 | | | | |
| 10 | 11 | 76 | 1005 | | | .3 | 0.070 | 0.005 | 0.044 | 0.520 | 0.007 | 0.603 | | | | |
| 07 | 12 | 76 | 1155 | | | .3 | 0.144 | 0.062 | 0.196 | 0.720 | 0.009 | 0.711 | 371.0 | 12.0 | | |
| MAXIMUM | | | | | | | 0.144 | 0.065 | 0.348 | 1.140 | 0.040 | 2.060 | 371.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.064 | 0.019 | 0.0850 | 0.575 | 0.014 | 0.505 | 360.5 | 11.8 | | |
| MINIMUM | | | | | | | 0.026 | 0.003 | 0.002 | 0.340 | 0.003 | 0.007 | 347.0 | 6.0 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 06 | 01 | 76 | 1630 | | | .3 | 580 | 4.00 | 18.0 | | | | | | | |
| 09 | 03 | 76 | 0900 | | | .3 | 500 | 9.70 | 18.0 | | | | | | | |
| 13 | 04 | 76 | 1220 | | | .3 | 550 | 6.30 | 30.5 | | | | | | | |
| 19 | 05 | 76 | 1055 | | | .3 | 550 | 3.50 | 15.5 | | | | | | | |
| 22 | 06 | 76 | 1030 | | | .3 | 495 | 14.00 | 17.5 | | | | | | | |
| 19 | 07 | 76 | 1115 | | | .3 | 456 | 5.10 | 17.5 | | | | | | | |
| 19 | 08 | 76 | 1400 | | | .3 | 500 | 13.00 | 21.0 | | | | | | | |
| 16 | 09 | 76 | 1405 | | | .3 | 470 | 5.80 | 17.0 | | | | | | | |
| 14 | 10 | 76 | 1355 | | | .3 | 560 | 7.50 | 33.0 | | | | | | | |
| 10 | 11 | 76 | 1005 | | | .3 | 620 | 14.00 | 23.5 | | | | | | | |
| 07 | 12 | 76 | 1155 | | | .3 | 600 | 5.60 | 23.0 | | | | | | | |
| MAXIMUM | | | | | | | 620 | 14.00 | 33.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 535 | 8.05 | 21.3 | | | | | | | |
| MINIMUM | | | | | | | 456 | 3.50 | 15.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: BOYNE RIVER
SAMPLE POINT: AT HIGHWAY 10 AND 89 SHELBURNE
STATION TYPE: RIVER

STATION ID: 03-0057-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

| STN NO | 16 | LAT | LONG | U.T.M. 17 0564500.0 4880875.0 4 | | | | REGION 02 | MILEAGE | 76.50 | | | | | | | |
|--------------------|--------|---------|------|---------------------------------|---------|------------|----|---------------|---------|----------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW | 80 TOTAL COLIFORM MF/100ML | B1 FECAL COLIFORM MF/100ML | B4 M.F. ENTER. MF/100ML | B8 PSEUD. MPA MF/100ML | B05 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1045 | | | .3 | | 31301 | 4 | | 200. | 50. | 70. | | 0.0 | 14.8 | 6.0 |
| 11 | 02 | 76 | 1115 | | | .3 | | 31340 | 4 | | 1200. | 100. | 500. | | 0.0 | 11.9 | 12.0 |
| 09 | 03 | 76 | 1050 | | | .3 | | 31380 | 4 | | 180. | 10. | 300. | | 0.0 | 11.4 | 0.8 |
| 08 | 04 | 76 | 0955 | | | .3 | | 31420 | 6 | | 100. | 100. | 100. | L | 2.0 | 13.7 | 0.8 |
| 10 | 05 | 76 | 1115 | | | .3 | | 31460 | 6 | | 100. | 10. | 10. | | 15.5 | 15.6 | 0.8 |
| 03 | 06 | 76 | 1100 | | | .3 | | 31500 | 5 | | 340. | | 52. | | 19.0 | 16.8 | 1.3 |
| 29 | 07 | 76 | 1125 | | | .3 | | 31540 | 3 | | 15000. | G | 600. | G | 17.0 | 7.3 | 2.4 |
| 17 | 08 | 76 | 1240 | | | .3 | | 31580 | 6 | | 3200. | 1. | 200. | | 14.5 | 11.3 | 3.0 |
| 07 | 10 | 76 | 1045 | | | .3 | | 31617 | 6 | | 24000. | 2800. | 4200. | | 7.0 | 11.6 | 3.6 |
| 20 | 10 | 76 | 1035 | | | .3 | | 31654 | 6 | | 80000. | 600. | 3600. | | 2.0 | 10.8 | 11.0 |
| 04 | 11 | 76 | 1040 | | | .3 | | 31693 | 6 | | 6800. | 12. | 200. | | 15.1 | 1.4 | |
| 08 | 12 | 76 | 1120 | | | .3 | | 31730 | 4 | | 31000. | 40. | 20. | | 0.0 | 9.5 | 0.8 |
| | | | | | | | | | | | 80000. | 2800. | 4200. | | 19.0 | 16.8 | 12.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1941.* U | 58.* U | 224.* D | | 7.0 | 12.5 | 3.7 |
| MINIMUM | | | | | | | | | | | 100. | 1. | 10. | | 0.0 | 7.3 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 11 | 12 | | 11 | 12 | 12 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 | 01 | 76 | 1045 | | | .3 | 0.013 | 0.001L | 0.090 | 0.510 | 0.024 | 1.000 | 694.0 | 14.0 | | |
| 11 | 02 | 76 | 1115 | | | .3 | 0.190 | 0.048 | 0.445 | 1.500 | 0.130 | 2.050 | 6296.0 | 106.0 | | |
| 09 | 03 | 76 | 1050 | | | .3 | 0.244 | 0.035 | 0.068 | 0.880 | 0.024 | 2.930 | 639.0 | 267.0 | | |
| 08 | 04 | 76 | 0955 | | | .3 | 0.080 | 0.012 | 0.042 | 0.640 | 0.012 | 2.390 | 666.0 | 84.0 | | |
| 10 | 05 | 76 | 1115 | | | .3 | 0.028 | 0.001 | 0.010 | 0.760 | 0.014 | 2.890 | 516.0 | 48.0 | | |
| 03 | 06 | 76 | 1100 | | | .3 | 0.045 | 0.007 | 0.072 | 1.230 | 0.018 | 0.327 | 605.0 | 7.3 | | |
| 29 | 07 | 76 | 1125 | | | .3 | 0.200 | 0.039 | 0.020 | 0.950 | 0.016 | 0.159 | 338. | 91. | | |
| 17 | 08 | 76 | 1240 | | | .3 | 0.074 | 0.024 | 0.036 | 0.820 | 0.012 | 3.840 | 589.0 | 25.0 | | |
| 07 | 10 | 76 | 1045 | | | .3 | 0.038 | 0.008 | 0.014 | 1.060 | 0.015 | 0.805 | 569.0 | 7.5 | | |
| 20 | 10 | 76 | 1035 | | | .3 | 0.280 | 0.071 | 0.058 | 1.300 | 0.028 | 0.892 | 5333. | 90. | | |
| 04 | 11 | 76 | 1040 | | | .3 | 0.049 | 0.003 | 0.028 | 0.740 | 0.009 | 3.930 | 593.0 | 12.0 | | |
| 08 | 12 | 76 | 1120 | | | .3 | 0.027 | 0.003 | 0.164 | 0.630 | 0.030 | 1.920 | 697.0 | 16.0 | | |
| MAXIMUM | | | | | | | 0.280 | 0.071 | 0.445 | 1.500 | 0.130 | 3.930 | 6296.0 | 267.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.106 | 0.0210 | 0.087 | 0.918 | 0.028 | 1.928 | 1461.3 | 64.0 | | |
| MINIMUM | | | | | | | 0.013 | 0.001 | 0.010 | 0.510 | 0.009 | 0.159 | 338. | 7.3 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

CONT'D

B.O.W. / SITE: NOTTAWASAGA RIVER
SAMPLE POINT: AT CONCESSION ROAD 2 ADJALA TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

[illegible]62

B.O.W. / SITE: BOYNE RIVER
SAMPLE POINT: AT CONCESSION ROAD 6 MULMUR TOWNSHIP
STATION TYPE: RIVER

STATION ID: 03-0057-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO 19 LAT LONG U.T.M. 17 0579800.0 4890350.0 4 REGION 03 MILEAGE 60.20

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|---------------|----------|---------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 06 01 76 1200 | | | .3 | | 27001 | 4 | | 50. | 1. | 12. | | 1.0 | 10.8 | 0.4 |
| 09 03 76 1130 | | | .3 | | 27070 | 6 | | | | | | 2.0 | 10.7 | 0.6 |
| 13 04 76 1400 | | | .3 | | 27155 | 6 | | 10. L | 10. L | 10. L | | 8.8 | 9.8 | 0.6 |
| 19 05 76 1235 | | | .3 | | 27234 | 6 | | 10. | 48. | 4. | | 6.8 | 10.2 | 0.8 |
| 21 06 76 1410 | | | .3 | | 27502 | 6 | | 100. | | 16. | | 20.5 | 9.8 | 1.6 |
| 19 07 76 1330 | | | .3 | | 27522 | 6 | | 110. | | 40. | | 24.0 | 10.1 | 0.6 |
| 19 08 76 1210 | | | .3 | | 27553 | 6 | | 404. | | 100. | | 20.5 | 11.3 | 1.0 |
| 16 09 76 1055 | | | .3 | | 29573 | 6 | | 420. | 56. | 220. | | 17.0 | 11.7 | 0.4 |
| 14 10 76 1050 | | | .3 | | 29593 | 6 | | 330. | 88. | 68. | | 8.2 | 12.1 | 1.6 |
| 10 11 76 0850 | | | .3 | | 29613 | 6 | | 30. | 12. | 8. | | 2.7 | 15.4 | 0.1 |
| 06 12 76 0930 | | | .3 | | 27643 | 4 | | 40. | 4. | 4. | | 1.0 | 17.0 | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

420.
72.* D
10.

24.0
10.2
1.0

NO OF SAMPLES

10 7 10 11 11 11

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|-----------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 06 01 76 1200 | | | .3 | | 0.016 | 0.007 | 0.030 | 0.380 | 0.007 | 1.300 | 342.0 | 2.0 | | |
| 09 03 76 1130 | | | .3 | | 0.052 | 0.016 | 0.052 | 0.480 | 0.008 | 1.240 | 291.0 | 16.0 | | |
| 13 04 76 1400 | | | .3 | | 0.022 | 0.001 | 0.002 | 0.370 | 0.003 | 0.322 | 252.0 | 4.7 | | |
| 19 05 76 1235 | | | .3 | | 0.014 | 0.001 | 0.004 | 0.420 | 0.003 | 0.487 | 281.0 | 2.8 | | |
| 21 06 76 1410 | | | .3 | | 0.050 | 0.002 | 0.010 | 0.600 | 0.014 | 0.451 | 329.0 | 9.0 | | |
| 19 07 76 1330 | | | .3 | | 0.011 | 0.002 | 0.002 | 0.340 | 0.001 | 0.005L | 253.0 | 5.5 | | |
| 19 08 76 1210 | | | .3 | | 0.019 | 0.001 | 0.008 | 0.320 | 0.003 | 0.187 | 267.0 | 4.9 | | |
| 16 09 76 1055 | | | .3 | | 0.018 | 0.003 | 0.002L | 0.290 | 0.002 | 0.593 | 272.0 | 7.6 | | |
| 14 10 76 1050 | | | .3 | | 0.010 | 0.005 | 0.006 | 0.320 | 0.025 | 0.400 | 278.0 | 6.2 | | |
| 10 11 76 0850 | | | .3 | | 0.006 | 0.003 | 0.006 | 0.320 | 0.001 | 0.719 | 311.0 | 1.1 | | |
| 06 12 76 0930 | | | .3 | | 0.004 | 0.001 | 0.014 | 0.300 | 0.003 | 1.100 | 317.0 | 3.4 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.052
0.020
0.004

16.0
290.3
5.7

NO OF SAMPLES

11 11 11 11 11 11 11 11

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 06 01 76 1200 | | | .3 | | 540 | 2.00 | 14.0 | | | | | | | |
| 09 03 76 1130 | | | .3 | | 440 | 4.60 | 16.0 | | | | | | | |
| 13 04 76 1400 | | | .3 | | 425 | 2.20 | 10.0 | | | | | | | |
| 19 05 76 1235 | | | .3 | | 470 | 1.40 | 13.0 | | | | | | | |
| 21 06 76 1410 | | | .3 | | 475 | 3.60 | 11.5 | | | | | | | |
| 19 07 76 1330 | | | .3 | | 380 | 2.70 | 9.5 | | | | | | | |
| 19 08 76 1210 | | | .3 | | 430 | 2.30 | 12.0 | | | | | | | |
| 16 09 76 1055 | | | .3 | | 430 | 3.60 | 9.7 | | | | | | | |
| 14 10 76 1050 | | | .3 | | 490 | 3.20 | 12.0 | | | | | | | |
| 10 11 76 0850 | | | .3 | | 540 | 1.40 | 17.5 | | | | | | | |
| 06 12 76 0930 | | | .3 | | 530 | 1.40 | 14.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

540
468
380

17.5
12.7
9.5

NO OF SAMPLES

11 11 11

B.O.W. / SITE: PINE RIVER
SAMPLE POINT: AT CONCESSION ROAD 6 MULMUR TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02ED103

STATION ID: 03-0057-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
002
2470

STN NO 20 LAT LONG U.T.M. 17 0579050.0 4894100.0 4 REGION 03 MILEAGE 47.20

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|---------------|----------|---------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 06 01 76 1225 | | | .3 | | 27002 | 4 | 42.00 | 20. | 1. | 12. | | 0.0 | 11.0 | 0.6 |
| 09 03 76 1200 | | | .3 | | 27071 | 6 | 162.00 | | | | | 1.5 | 11.6 | 0.6 |
| 13 04 76 1420 | | | .3 | | 27156 | 6 | 158.00 | | | | | 7.4 | 10.0 | 0.6 |
| 19 05 76 1310 | | | .3 | | 27235 | 6 | 133.00 | 20. | 8. | | | 8.1 | 9.6 | 0.8 |
| 21 06 76 1430 | | | .3 | | 27503 | 6 | 73.30 | 170. | | 128. | | 19.5 | 10.2 | 0.2 |
| 19 07 76 1350 | | | .3 | | 27523 | 6 | 53.60 | 10. | | 8. | | 21.0 | 10.1 | 0.2 |
| 19 08 76 1150 | | | .3 | | 27552 | 6 | 38.90 | 352. | | 92. | | 18.5 | 10.5 | 0.3 |
| 16 09 76 1040 | | | .3 | | 29572 | 6 | 32.60 | 230. | 64. | 72. | | 16.2 | 11.5 | 0.4 |
| 14 10 76 1030 | | | .3 | | 29592 | 6 | 60.90 | 880. | 104. | 256. | | 8.7 | 12.2 | 1.2 |
| 10 11 76 0830 | | | .3 | | 29612 | 6 | 54.70 | 10. | 4. | 1. | | 3.1 | 13.2 | 0.1 |
| 07 12 76 0955 | | | .3 | | 27644 | 4 | | 70. | 4. | 2. | | 1.0 | 16.2 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

162.00
80.90
32.60

21.0
9.5
0.0

NO OF SAMPLES

10 9 6 8 11 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 06 | 01 | 76 | 1225 | | | | .3 | 0.014 | 0.002 | 0.010L | 0.300 | 0.004 | 1.700 | 307.0 | 6.0 | | |
| 09 | 03 | 76 | 1200 | | | | .3 | 0.059 | 0.004 | 0.008 | 0.450 | 0.004 | 2.070 | 321.0 | 39.0 | | |
| 13 | 04 | 76 | 1420 | | | | .3 | 0.008 | 0.001 | 0.002 | 0.250 | 0.004 | 3.300 | 271.0 | 5.4 | | |
| 19 | 05 | 76 | 1310 | | | | .3 | 0.007 | 0.001L | 0.002 | 0.210 | 0.004 | 2.200 | 283.0 | 4.0 | | |
| 21 | 06 | 76 | 1430 | | | | .3 | 0.009 | 0.001 | 0.004 | 0.270 | 0.006 | 1.200 | 294.0 | 6.6 | | |
| 19 | 07 | 76 | 1350 | | | | .3 | 0.006 | 0.001L | 0.002 | 0.210 | 0.002 | 1.130 | 284.0 | 4.0 | | |
| 19 | 08 | 76 | 1150 | | | | .3 | 0.013 | 0.001 | 0.040 | 0.230 | 0.003 | 0.097 | 265.0 | 3.1 | | |
| 16 | 09 | 76 | 1040 | | | | .3 | 0.009 | 0.002 | 0.004 | 0.220 | 0.002 | 1.200 | 258.0 | 4.1 | | |
| 14 | 10 | 76 | 1030 | | | | .3 | 0.007 | 0.002 | 0.004 | 0.250 | 0.023 | 1.130 | 273.0 | 8.3 | | |
| 10 | 11 | 76 | 0830 | | | | .3 | 0.004 | 0.003 | 0.010 | 0.210 | 0.001 | 1.380 | 280.0 | 2.0 | | |
| 07 | 12 | 76 | 0955 | | | | .3 | 0.007 | 0.001 | 0.006 | 0.210 | 0.002 | 1.550 | 277.0 | 4.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|--------|--------|-------|-------|-------|-------|------|--|
| | | | | | | | | MAXIMUM | 0.059 | 0.004 | 0.040 | 0.450 | 0.023 | 3.300 | 321.0 | 39.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.013 | 0.002D | 0.008D | 0.255 | 0.005 | 1.542 | 283.0 | 7.9 | |
| | | | | | | | | MINIMUM | 0.004 | 0.001 | 0.002 | 0.210 | 0.001 | 0.097 | 258.0 | 2.0 | |
| | | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 06 | 01 | 76 | 1225 | | | | .3 | 500 | 3.20 | 7.6 | | | | | | | |
| 09 | 03 | 76 | 1200 | | | | .3 | 445 | 7.10 | 8.0 | | | | | | | |
| 13 | 04 | 76 | 1420 | | | | .3 | 445 | 2.20 | 9.5 | | | | | | | |
| 19 | 05 | 76 | 1310 | | | | .3 | 460 | 1.90 | 8.4 | | | | | | | |
| 21 | 06 | 76 | 1430 | | | | .3 | 433 | 1.70 | 9.0 | | | | | | | |
| 19 | 07 | 76 | 1350 | | | | .3 | 417 | 1.70 | 8.2 | | | | | | | |
| 19 | 08 | 76 | 1150 | | | | .3 | 425 | 2.00 | 7.8 | | | | | | | |
| 16 | 09 | 76 | 1040 | | | | .3 | 430 | 1.40 | 8.1 | | | | | | | |
| 14 | 10 | 76 | 1030 | | | | .3 | 450 | 2.60 | 7.7 | | | | | | | |
| 10 | 11 | 76 | 0830 | | | | .3 | 465 | 1.20 | 7.8 | | | | | | | |
| 07 | 12 | 76 | 0955 | | | | .3 | 460 | 1.50 | 8.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|------|-----|--|--|--|--|--|--|
| | | | | | | | | MAXIMUM | 500 | 7.10 | 9.5 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 448 | 2.41 | 8.2 | | | | | | |
| | | | | | | | | MINIMUM | 417 | 1.20 | 7.6 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | | | | | | |

B.O.W./ SITE: MAD RIVER
SAMPLE POINT: AT CONCESSION ROAD 2 TOSORONTIO TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02ED005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NOTTAWASAGA RIVER

STATION ID: 03-0057-021-02

STORET CODE: 02
002
2470

STN NO 21 LAT LONG U.T.M. 17 0579600.0 4906025.0 4 REGION 03 MILEAGE 38.60

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 05 | 76 | 1335 | | | | .3 | 27237 | 6 | 140.00 | 120. | 16. | 4. | | 8.1 | 9.4 | 1.0 |
| 22 | 06 | 76 | 0910 | | | | .3 | 27303 | 6 | 52.90 | | | | | 19.5 | 11.0 | 0.4 |
| 19 | 07 | 76 | 1030 | | | | .3 | 27332 | 6 | 50.70 | 160. | | 12. | | 20.0 | 10.0 | 1.2 |
| 18 | 08 | 76 | 1230 | | | | .3 | 27395 | 6 | 62.10 | | | | | 23.5 | 11.8 | 0.8 |
| 13 | 09 | 76 | 1200 | | | | .3 | 27466 | 6 | 43.00 | | | | | 13.4 | 10.6 | 0.4 |
| 21 | 10 | 76 | 1045 | | | | .3 | 27531 | 6 | 112.00 | 7100. | 170. | 1050. | | 5.2 | 11.3 | 1.4 |
| 09 | 11 | 76 | 0835 | | | | .3 | 27588 | 6 | 96.50 | 40. | 12. | 12. | | 0.5 | 10.5 | 0.9 |
| 07 | 12 | 76 | 1425 | | | | .3 | 27651 | 4 | 110.00 | 292. | 28. | 8. | | 0.8 | 17.8 | 0.4 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--------|-------|------|-------|--|------|------|-----|
| | | | | | | | | MAXIMUM | | 140.00 | 7100. | 170. | 1050. | | 23.5 | 17.8 | 1.4 |
| | | | | | | | | AVG OR GEOM MN (*) | | 83.40 | 276.* | 31.* | 22.* | | 11.4 | 11.6 | 0.8 |
| | | | | | | | | MINIMUM | | 43.00 | 40. | 12. | 4. | | 0.5 | 9.4 | 0.4 |
| | | | | | | | | NO OF SAMPLES | | 8 | 5 | 4 | 5 | | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 05 | 76 | 1335 | | | | .3 | 0.018 | 0.001 | 0.002 | 0.350 | 0.004 | 1.080 | 290.0 | 14.0 | | |
| 22 | 06 | 76 | 0910 | | | | .3 | 0.013 | 0.001 | 0.010 | 0.350 | 0.004 | 1.150 | 288.0 | 8.0 | | |
| 19 | 07 | 76 | 1030 | | | | .3 | 0.030 | 0.002 | 0.002 | 0.410 | 0.003 | 0.777 | 236.0 | 16.0 | | |
| 18 | 08 | 76 | 1230 | | | | .3 | 0.026 | 0.001 | 0.012 | 0.360 | 0.003 | 0.582 | 281.0 | 12.0 | | |
| 13 | 09 | 76 | 1200 | | | | .3 | 0.013 | 0.002 | 0.004 | 0.330 | 0.004 | 0.706 | 261.0 | 11.0 | | |
| 21 | 10 | 76 | 1045 | | | | .3 | 0.044 | 0.004 | 0.006 | 0.340 | 0.003 | 0.832 | 350.0 | 50.0 | | |
| 09 | 11 | 76 | 0835 | | | | .3 | 0.042 | 0.023 | 0.008 | 0.440 | 0.002 | 0.383 | 299.0 | 7.0 | | |
| 07 | 12 | 76 | 1425 | | | | .3 | 0.033 | 0.003 | 0.008 | 0.330 | 0.003 | 1.300 | 324.0 | 33.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|-------|------|--|
| | | | | | | | | MAXIMUM | 0.044 | 0.023 | 0.012 | 0.440 | 0.004 | 1.300 | 350.0 | 50.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.027 | 0.005 | 0.007 | 0.364 | 0.003 | 0.851 | 291.1 | 18.9 | |
| | | | | | | | | MINIMUM | 0.013 | 0.001 | 0.002 | 0.330 | 0.002 | 0.383 | 236.0 | 7.0 | |
| | | | | | | | | NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 05 | 76 | 1335 | | | .3 | | 500 | 3.60 | 7.0 | | | | | | | |
| 22 | 06 | 76 | 0910 | | | .3 | | 450 | 2.80 | 8.0 | | | | | | | |
| 19 | 07 | 76 | 1030 | | | .3 | | 428 | 8.40 | 6.4 | | | | | | | |
| 18 | 08 | 76 | 1230 | | | .3 | | 420 | 4.00 | 9.2 | | | | | | | |
| 13 | 09 | 76 | 1200 | | | .3 | | 425 | 5.80 | 7.6 | | | | | | | |
| 21 | 10 | 76 | 1045 | | | .3 | | 480 | 33.00 | 10.5 | | | | | | | |
| 09 | 11 | 76 | 0835 | | | .3 | | 490 | 4.20 | 8.0 | | | | | | | |
| 07 | 12 | 76 | 1425 | | | .3 | | 485 | 18.00 | 8.7 | | | | | | | |

MAXIMUM 500 33.00 10.5
 AVG OR GEOM MN (*) 460 9.98 8.2
 MINIMUM 420 2.80 6.4
 NO OF SAMPLES 8 8 8

B.O.W./ SITE: MAD RIVER
 SAMPLE POINT: AT COUNTY RD 9 NEAR CREEMORE
 STATION TYPE: RIVER

STATION ID: 03-0057-022-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: NOTTAWASAGA RIVER

STORET CODE: 02
 002
 2470

STN NO 22 LAT LONG U.T.M. 17 0568950.0 4908100.0 4 REGION 03 MILEAGE 46.70

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 05 | 76 | 1400 | | | .3 | | 27236 | 6 | | 330. | 109. | 48. | | 8.5 | 9.6 | 0.8 |
| 22 | 06 | 76 | 1000 | | | .3 | | 27304 | 6 | | 590. | | 100. | | 18.2 | 10.0 | 0.6 |
| 19 | 07 | 76 | 1050 | | | .3 | | 27333 | 6 | | 320. | | 12. | | 22.8 | 11.0 | 1.6 |
| 18 | 08 | 76 | 1300 | | | .3 | | 27396 | 6 | | | | | | 22.0 | 13.7 | 0.8 |
| 13 | 09 | 76 | 1230 | | | .3 | | 27467 | 6 | | | | | | 16.0 | 11.5 | 0.4 |
| 21 | 10 | 76 | 1110 | | | .3 | | 27532 | 6 | | 5300. | 800. | 600. G | | 5.0 | 11.6 | 1.6 |
| 09 | 11 | 76 | 1000 | | | .3 | | 27589 | 6 | | 52. | 1. | 20. | | 0.0 | 10.8 | 0.1 |
| 07 | 12 | 76 | 1435 | | | .3 | | 27652 | 4 | | 184. | 26. | 22. | | 0.5 | 17.8 | 0.4 |

MAXIMUM 5300. 800. 600.
 AVG OR GEOM MN (*) 383.* 39.* 50.* U
 MINIMUM 52. 1. 12.
 NO OF SAMPLES 6 4 6 8 8 8

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 05 | 76 | 1400 | | | .3 | | 0.008 | 0.001 | 0.002L | 0.370 | 0.004 | 1.320 | 279.0 | 4.3 | | |
| 22 | 06 | 76 | 1000 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.320 | 0.004 | 1.190 | 284.0 | 4.0 | | |
| 19 | 07 | 76 | 1050 | | | .3 | | 0.037 | 0.006 | 0.002 | 0.380 | 0.002 | 0.083 | 252.0 | 10.5 | | |
| 18 | 08 | 76 | 1300 | | | .3 | | 0.028 | 0.002 | 0.020 | 0.340 | 0.004 | 0.486 | 282.0 | 11.0 | | |
| 13 | 09 | 76 | 1230 | | | .3 | | 0.024 | 0.002 | 0.002L | 0.380 | 0.002 | 0.698 | 271.0 | 14.0 | | |
| 21 | 10 | 76 | 1110 | | | .3 | | 0.011 | 0.004 | 0.006 | 0.140 | 0.002 | 0.778 | 319.0 | 15.0 | | |
| 09 | 11 | 76 | 1000 | | | .3 | | 0.036 | 0.022 | 0.010 | 0.400 | 0.002 | 0.418 | 300.0 | 10.0 | | |
| 07 | 12 | 76 | 1435 | | | .3 | | 0.004 | 0.003 | 0.024 | 0.320 | 0.003 | 1.500 | 297.0 | 2.9 | | |

MAXIMUM 0.037 0.022 0.024 0.400 0.004 1.500 319.0 15.0
 AVG OR GEOM MN (*) 0.020 0.005 0.0090 0.331 0.003 0.809 285.5 9.0
 MINIMUM 0.004 0.001 0.002 0.140 0.002 0.083 252.0 2.9
 NO OF SAMPLES 8 8 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 05 | 76 | 1400 | | | .3 | | 460 | 2.00 | 7.7 | | | | | | | |
| 22 | 06 | 76 | 1000 | | | .3 | | 450 | 3.00 | 8.0 | | | | | | | |
| 19 | 07 | 76 | 1050 | | | .3 | | 368 | 3.50 | 10.0 | | | | | | | |
| 18 | 08 | 76 | 1300 | | | .3 | | 420 | 3.40 | 10.0 | | | | | | | |
| 13 | 09 | 76 | 1230 | | | .3 | | 435 | 6.00 | 8.9 | | | | | | | |
| 21 | 10 | 76 | 1110 | | | .3 | | 485 | 10.00 | 12.5 | | | | | | | |
| 09 | 11 | 76 | 1000 | | | .3 | | 490 | 4.80 | 7.7 | | | | | | | |
| 07 | 12 | 76 | 1435 | | | .3 | | 485 | 2.00 | 9.1 | | | | | | | |

MAXIMUM 490 10.00 12.5
 AVG OR GEOM MN (*) 449 4.34 9.2
 MINIMUM 368 2.00 7.7
 NO OF SAMPLES 8 8 8

B.O.W. / SITE: WYE RIVER
SAMPLE POINT: AT HIGHWAY 12 EAST OF MIDLAND
STATION TYPE: RIVER FLOW GAUGE FED 02ED011

STATION ID: 03-0070-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: WYE RIVER

STORET CODE: 02
002
2620

| STN NO | 1 | LAT | LONG | U.T.M. 17 0591350.0 4954050.0 4 | REGION 03 | MILEAGE | 0.90 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 08 01 76 0848 | .3 | | | | 27014 | 4 | 27.00 | 70. | 10. | 30. | | 0.5 | 3.2 | 1.2 |
| 10 03 76 1300 | .3 | | | | 27079 | 6 | 129.00 | | | | | 1.0 | 7.4 | 0.6 |
| 14 04 76 1220 | .3 | | | | 27164 | 6 | 41.80 | 10. L | 1. | 1. | | 10.8 | 9.6 | 1.4 |
| 20 05 76 1510 | .3 | | | | 27246 | 6 | 29.30 | 70. | 10. | 10. L | | 12.8 | 7.5 | 0.5 |
| 22 06 76 1500 | .3 | | | | 27311 | 6 | 16.80 | 1200. | | 184. | | 21.2 | 6.4 | 1.4 |
| 20 07 76 1005 | .3 | | | | 27339 | 8 5 9 | 18.50 | 200. | | 1. | | 21.0 | 6.0 | 0.8 |
| 19 08 76 1215 | .3 | | | | 27402 | 6 8 9 | 21.50 | | | | | 22.0 | 5.0 | 1.2 |
| 14 09 76 1300 | .3 | | | | 27473 | 6 8 9 | 24.00 | | | | | 18.0 | 7.2 | 0.6 |
| 21 10 76 1415 | .3 | | | | 27538 | 6 8 | 61.70 | 60. | 4. | 44. | | 4.9 | 12.2 | 1.2 |
| 09 11 76 1320 | .3 | | | | 27595 | 6 8 | 48.90 | 124. | 6. | 4. | | 1.0 | 10.7 | 0.5 |
| 08 12 76 1245 | .3 | | | | 27659 | 4 | 39.00 | 230. | 10. | 14. | | 0.8 | 12.9 | 1.2 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--------|---------|-----|--------|--|------|------|-----|
| MAXIMUM | | | | | | | 129.00 | 1200. | 10. | 184. | | 22.0 | 12.9 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | 41.59 | 109.* D | 5.* | 10.* D | | 10.4 | 8.0 | 1.0 |
| MINIMUM | | | | | | | 16.80 | 10. | 1. | 1. | | 0.5 | 3.2 | 0.5 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|----|---|---|---|--|----|----|----|
| NO OF SAMPLES | | | | | | | 11 | 8 | 6 | 8 | | 11 | 11 | 11 |
|---------------|--|--|--|--|--|--|----|---|---|---|--|----|----|----|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 01 76 0848 | .3 | | | | 0.023 | 0.010 | 0.100 | 0.360 | 0.010 | 0.710 | 262.0 | 6.0 | | |
| 10 03 76 1300 | .3 | | | | 0.039 | 0.007 | 0.116 | 0.630 | 0.020 | 1.660 | 261.0 | 4.2 | | 257 |
| 14 04 76 1220 | .3 | | | | 0.027 | 0.001 | 0.002 | 0.460 | 0.007 | 0.543 | | 5.7 | | 218 |
| 20 05 76 1510 | .3 | | | | 0.031 | 0.005 | 0.024 | 0.430 | 0.004 | 0.046 | 222.0 | 3.9 | | 218 |
| 22 06 76 1500 | .3 | | | | 0.057 | 0.012 | 0.068 | 0.200 | 0.018 | 0.542 | 260.0 | 26.0 | | |
| 20 07 76 1005 | .3 | | | | 0.036 | 0.016 | 0.004 | 0.500 | 0.001 | 0.005L | 222.0 | 1.3 | | |
| 19 08 76 1215 | .3 | | | | 0.029 | 0.004 | 0.004 | 0.590 | 0.003 | 0.005L | 235.0 | 4.2 | | |
| 14 09 76 1300 | .3 | | | | 0.018 | 0.006 | 0.013 | 0.430 | 0.003 | 0.012 | 235.0 | 3.6 | | |
| 21 10 76 1415 | .3 | | | | 0.014 | 0.003 | 0.026 | 0.330 | 0.005 | 0.195 | 266.0 | 8.5 | | |
| 09 11 76 1320 | .3 | | | | 0.022 | 0.013 | 0.016 | 0.390 | 0.003 | 0.667 | 332.0 | 2.8 | | |
| 08 12 76 1245 | .3 | | | | 0.021 | 0.005 | 0.064 | 0.450 | 0.012 | 0.883 | 280.0 | 11.0 | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|------|--|-----|
| MAXIMUM | | | | | 0.057 | 0.016 | 0.116 | 0.630 | 0.020 | 1.660 | 332.0 | 26.0 | | 257 |
| AVG OR GEOM MN (*) | | | | | 0.029 | 0.007 | 0.040 | 0.434 | 0.008 | 0.479D | 257.5 | 7.0 | | 231 |
| MINIMUM | | | | | 0.014 | 0.001 | 0.002 | 0.200 | 0.001 | 0.005 | 222.0 | 1.3 | | 218 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|----|----|----|----|----|----|----|----|--|---|
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | | 3 |
|---------------|--|--|--|--|----|----|----|----|----|----|----|----|--|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIOE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 08 01 76 0848 | .3 | | | | 410 | 3.10 | 7.8 | | | | | | | |
| 10 03 76 1300 | .3 | | | | 395 | 4.30 | 12.5 | | | | | | | |
| 14 04 76 1220 | .3 | | | | 335 | 3.30 | 6.6 | | | | | | | |
| 20 05 76 1510 | .3 | | | | 335 | 2.50 | 7.2 | | | | | | | |
| 22 06 76 1500 | .3 | | | | 360 | 15.00 | 4.2 | | | | | | | |
| 20 07 76 1005 | .3 | | | | 340 | 0.80 | 5.5 | | | | | | | |
| 19 08 76 1215 | .3 | | | | 355 | 1.50 | 6.0 | | | | | | | |
| 14 09 76 1300 | .3 | | | | 350 | 1.50 | 5.8 | | | | | | | |
| 21 10 76 1415 | .3 | | | | 415 | 3.20 | 9.1 | | | | | | | |
| 09 11 76 1320 | .3 | | | | 560 | 3.50 | 21.0 | | | | | | | |
| 08 12 76 1245 | .3 | | | | 450 | 7.00 | 20.5 | | | | | | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-----|-------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | 560 | 15.00 | 21.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 391 | 4.16 | 9.7 | | | | | | | |
| MINIMUM | | | | | 335 | 0.80 | 4.2 | | | | | | | |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|----|----|----|--|--|--|--|--|--|--|
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | |
|---------------|--|--|--|--|----|----|----|--|--|--|--|--|--|--|

STATION ID: 03-0075-001-02

B.O.W. / SITE: STURGEON RIVER
SAMPLE POINT: AT HIGHWAY 12 STURGEON BAY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: STURGEON RIVER

STORET CODE: 02
002
2690

| STN NO | | | | 1 | LAT | | LONG | | U.T.M. 17 0600350.0 4953750.0 4 | | | | REGION 03 | | MILEAGE | | 0.40 |
|---------------|----|----|------|------|-----|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 08 | 01 | 76 | 0930 | | | .3 | | 27015 | 4 | | 130. | 10. L | 10. | | 0.0 | 12.0 | 1.0 |
| 10 | 03 | 76 | 1330 | | | .3 | | 27080 | 6 | | | | | | 2.5 | 10.8 | 0.4 |
| 14 | 04 | 76 | 1240 | | | .3 | | 27165 | 6 | | 10. L | 1. | 1. | | 11.0 | 9.6 | 0.6 |
| 20 | 05 | 76 | 1525 | | | .3 | | 27247 | 6 | | 60. | 20. | 60. | | 13.9 | 8.6 | 0.4 |
| 22 | 06 | 76 | 1520 | | | .3 | | 27312 | 6 | | 3700. | | 72. | | 18.8 | 11.0 | 0.6 |
| 20 | 07 | 76 | 1030 | | | .3 | | 27340 | 6 | | 180. | | 44. | | 15.0 | 10.0 | 0.8 |
| 19 | 08 | 76 | 1230 | | | .3 | | 27403 | 6 | | | | | | 18.0 | 12.0 | 0.6 |
| 14 | 09 | 76 | 1330 | | | .3 | | 27474 | 6 | | | | | | 17.5 | 13.0 | 0.6 |
| 21 | 10 | 76 | 1445 | | | .3 | | 27539 | 6 | | 150. | 44. | 48. | | 5.5 | 12.7 | 1.8 |
| 09 | 11 | 76 | 1408 | | | .3 | | 27596 | 6 | | 30. | 4. | 24. | | 0.8 | 11.2 | 0.1 |
| 08 | 12 | 76 | 1208 | | | .3 | | 27660 | 4 | | 44. | 12. | 6. | | 0.8 | 14.7 | 0.8 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|---------|-------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | 3700. | 44. | 72. | | 18.8 | 14.7 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 100.* D | 9.* D | 18.* | | 9.4 | 11.4 | 0.7 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | 8.6 | 0.1 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|--|----|----|----|
| NO OF SAMPLES | | | | | | | | 8 | 6 | 8 | | 11 | 11 | 11 |
|---------------|--|--|--|--|--|--|--|---|---|---|--|----|----|----|

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 | 01 | 76 | 0930 | | | .3 | 0.019 | 0.004 | 0.030 | 0.260 | 0.005 | 0.710 | 245.0 | 11.0 | | 234 |
| 10 | 03 | 76 | 1330 | | | .3 | 0.015 | 0.002 | 0.008 | 0.300 | 0.004 | 0.531 | 206.0 | 8.0 | | 198 |
| 14 | 04 | 76 | 1240 | | | .3 | 0.009 | 0.001 | 0.002 | 0.230 | 0.004 | 0.136 | | 6.3 | | 189 |
| 20 | 05 | 76 | 1525 | | | .3 | 0.008 | 0.001L | 0.022 | 0.210 | 0.003 | 0.307 | 222.0 | 6.5 | | 215 |
| 22 | 06 | 76 | 1520 | | | .3 | 0.019 | 0.003 | 0.016 | 0.330 | 0.004 | 0.261 | 232.0 | 4.5 | | |
| 20 | 07 | 76 | 1030 | | | .3 | 0.024 | 0.002 | 0.010 | 0.460 | 0.003 | 0.327 | 232.0 | 3.8 | | |
| 19 | 08 | 76 | 1230 | | | .3 | 0.025 | 0.003 | 0.020 | 0.570 | 0.003 | 0.247 | 236.0 | 4.6 | | |
| 14 | 09 | 76 | 1330 | | | .3 | 0.009 | 0.003 | 0.002 | 0.300 | 0.003 | 0.247 | 224.0 | 3.3 | | |
| 21 | 10 | 76 | 1445 | | | .3 | 0.009 | 0.002 | 0.004 | 0.210 | 0.002 | 0.273 | 221.0 | 5.7 | | |
| 09 | 11 | 76 | 1408 | | | .3 | 0.014 | 0.004 | 0.018 | 0.490 | 0.003 | 0.672 | 350.0 | 6.7 | | |
| 08 | 12 | 76 | 1208 | | | .3 | 0.009 | 0.005 | 0.066 | 0.270 | 0.012 | 0.852 | 236.0 | 5.1 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.025 0.005 0.066 0.570 0.012 0.852 350.0 11.0
0.015 0.003D 0.018 0.330 0.004 0.415 240.4 6.0
0.008 0.001 0.002 0.210 0.002 0.136 206.0 3.3

NO OF SAMPLES

11 11 11 11 11 11 10 11

4

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 08 | 01 | 76 | 0930 | | | .3 | 360 | 6.00 | 3.3 | | | | | | | |
| 10 | 03 | 76 | 1330 | | | .3 | 305 | 2.90 | 4.2 | | | | | | | |
| 14 | 04 | 76 | 1240 | | | .3 | 290 | 1.70 | 3.2 | | | | | | | |
| 20 | 05 | 76 | 1525 | | | .3 | 330 | 2.00 | 3.6 | | | | | | | |
| 22 | 06 | 76 | 1520 | | | .3 | 350 | 3.10 | 2.7 | | | | | | | |
| 20 | 07 | 76 | 1030 | | | .3 | 350 | 3.90 | 2.5 | | | | | | | |
| 19 | 08 | 76 | 1230 | | | .3 | 355 | 2.30 | 2.7 | | | | | | | |
| 14 | 09 | 76 | 1330 | | | .3 | 325 | 1.80 | 3.0 | | | | | | | |
| 21 | 10 | 76 | 1445 | | | .3 | 330 | 3.00 | 4.3 | | | | | | | |
| 09 | 11 | 76 | 1408 | | | .3 | 560 | 4.00 | 16.0 | | | | | | | |
| 08 | 12 | 76 | 1208 | | | .3 | 355 | 2.40 | 4.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

560 6.00 16.0
355 3.01 4.5
290 1.70 2.5

NO OF SAMPLES

11 11 11

B.O.W./ SITE: COLDWATER RIVER
SAMPLE POINT: AT CNR BRIDGE COLDWATER
STATION TYPE: RIVER FLOW GAUGE FED 02ED007

STATION ID: 03-0076-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NORTH RIVER

STORET CODE: 02
002
2700

STN NO 1 LAT LONG U.T.M. 17 0607050.0 4952175.0 4 REGION 03 MILEAGE 1.70

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|------|------|------|-------|--------|-----|--------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 08 | 01 | 76 | 1215 | | | .3 | 27019 | 4 | 49.50 | 2300. | 520. | 68. | | 0.0 | 3.5 | 0.8 |
| 10 | 03 | 76 | 1530 | | | .3 | 27084 | 4 | 94.80 | | | | | 2.0 | 10.3 | 0.6 |
| 14 | 04 | 76 | 1608 | | | .3 | 27170 | 6 9 | 77.70 | 10. L | 1. | 16. | | 12.0 | 10.4 | 0.8 |
| 20 | 05 | 76 | 1615 | | | .3 | 27252 | 6 9 | 68.90 | 1500. G | 150. | 40. | | 12.0 | 10.6 | 0.4 |
| 22 | 06 | 76 | 1605 | | | .3 | 27314 | 6 9 | 39.40 | 2000. | | 184. | | 20.2 | 8.0 | 0.4 |
| 20 | 07 | 76 | 1430 | | | .3 | 27345 | 6 9 | 37.90 | 6400. | | 280. | | 19.8 | 10.0 | 0.6 |
| 19 | 08 | 76 | 1455 | | | .3 | 27408 | 6 9 | 40.00 | | | | | 20.0 | 10.8 | 1.0 |
| 14 | 09 | 76 | 1448 | | | .3 | 27476 | 6 9 | 46.80 | | | | | 17.5 | 6.0 | 0.9 |
| 21 | 10 | 76 | 1700 | | | .3 | 27543 | 6 | 112.00 | 1370. | 196. | 420. | | 6.0 | 12.5 | 1.6 |
| 08 | 12 | 76 | 1515 | | | .3 | 27665 | 4 | 57.00 | 690. | 96. | 76. | | 0.5 | 17.3 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

112.00 6400. 520. 420.
62.40 883. * E 68. * 95. *
37.90 10. 1. 16.

NO OF SAMPLES

10 7 5 7

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 | 01 | 76 | 1215 | | | .3 | 0.016 | 0.005 | 0.030 | 0.220 | 0.004 | 0.690 | 260.0 | 6.0 | | 254 |
| 10 | 03 | 76 | 1530 | | | .3 | 0.067 | 0.010 | 0.032 | 0.470 | 0.007 | 0.778 | 271.0 | 24.0 | | 247 |
| 14 | 04 | 76 | 1608 | | | .3 | 0.015 | 0.002 | 0.006 | 0.340 | 0.004 | 0.181 | | 6.7 | | 221 |
| 20 | 05 | 76 | 1615 | | | .3 | 0.029 | 0.009 | 0.016 | 0.300 | 0.003 | 0.302 | 248.0 | 6.9 | | 241 |
| 22 | 06 | 76 | 1605 | | | .3 | 0.027 | 0.007 | 0.047 | 0.370 | 0.004 | 0.316 | 247.0 | 6.5 | | |
| 20 | 07 | 76 | 1430 | | | .3 | 0.026 | 0.006 | 0.008 | 0.220 | 0.003 | 0.327 | 244.0 | 10.0 | | |
| 19 | 08 | 76 | 1455 | | | .3 | 0.040 | 0.006 | 0.060 | 0.400 | 0.005 | 0.315 | 254.0 | 13.0 | | |
| 14 | 09 | 76 | 1448 | | | .3 | 0.022 | 0.003 | 0.002 | 0.350 | 0.002 | 0.268 | 268.0 | 18.0 | | |
| 21 | 10 | 76 | 1700 | | | .3 | 0.035 | 0.005 | 0.006 | 0.330 | 0.002 | 0.338 | 264.0 | 19.0 | | |
| 08 | 12 | 76 | 1515 | | | .3 | 0.015 | 0.004 | 0.028 | 0.210 | 0.002 | 0.553 | 266.0 | 14.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.067 0.010 0.060 0.470 0.007 0.778 271.0 24.0
0.029 0.006 0.024 0.321 0.004 0.407 258.0 12.4
0.015 0.002 0.002 0.210 0.002 0.181 244.0 6.0

NO OF SAMPLES

10 10 10 10 10 10 9 10

4

CONT'D

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1215 | | .3 | | 390 | 5.00 | 13.5 | | | | | | | |
| 10 | 03 | 76 | 1530 | | .3 | | 380 | 9.30 | 10.0 | | | | | | | |
| 14 | 04 | 76 | 1608 | | .3 | | 340 | 4.50 | 5.8 | | | | | | | |
| 20 | 05 | 76 | 1615 | | .3 | | 370 | 3.00 | 5.7 | | | | | | | |
| 22 | 06 | 76 | 1605 | | .3 | | 370 | 4.50 | 4.5 | | | | | | | |
| 20 | 07 | 76 | 1430 | | .3 | | 360 | 6.00 | 4.5 | | | | | | | |
| 19 | 08 | 76 | 1455 | | .3 | | 370 | 5.30 | 4.7 | | | | | | | |
| 14 | 09 | 76 | 1448 | | .3 | | 385 | 5.40 | 5.7 | | | | | | | |
| 21 | 10 | 76 | 1700 | | .3 | | 415 | 7.00 | 8.5 | | | | | | | |
| 08 | 12 | 76 | 1515 | | .3 | | 420 | 4.20 | 8.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

420 9.30 13.5
380 5.42 7.1
340 3.00 4.5

10 10 10

B.O.W./ SITE: NORTH RIVER
SAMPLE POINT: AT SIMCOE COUNTY ROAD 17
STATION TYPE: RIVER

STATION ID: 03-0076-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NORTH RIVER

STORET CODE: 02
002
2700

STN NO 2 LAT LONG U.T.M. 17 0608700.0 4956150.0 4 REGION 03 MILEAGE 1.80

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 08 | 01 | 76 | 1130 | | .3 | | 27018 | 4 | | 200. | 30. | 10. | | 0.0 | 8.4 | 2.8 |
| 14 | 04 | 76 | 1450 | | .3 | | 27169 | 6 | | 10. L | 1. | 4. | | 10.0 | 9.0 | 2.0 |
| 20 | 05 | 76 | 1605 | | .3 | | 27251 | 6 | | 380. | 10. | 70. | | 12.3 | 8.9 | 1.2 |
| 22 | 06 | 76 | 1545 | | .3 | | 27313 | 5 8 9 | | 10. | | 32. | | 26.0 | 9.0 | 2.6 |
| 20 | 07 | 76 | 1400 | | .3 | | 27344 | 6 8 9 | | 584. | | 36. | | 22.4 | 10.0 | 1.0 |
| 19 | 08 | 76 | 1510 | | .3 | | 27407 | 6 8 9 | | | | | | 21.0 | 11.0 | 1.2 |
| 14 | 09 | 76 | 1420 | | .3 | | 27475 | 6 8 9 | | | | | | 19.0 | 11.0 | 1.0 |
| 21 | 10 | 76 | 1710 | | .3 | | 27684 | 6 | | | | | | 5.0 | 10.8 | 2.0 |
| 08 | 12 | 76 | 1500 | | .3 | | 27664 | 4 | | 160. | 16. | 36. | | 0.5 | 16.9 | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

584. 30. 70. 26.0 16.9 2.8
94.* D 8.* 22.* 12.9 10.6 1.7
10. 1. 4. 0.0 8.4 1.0

6 4 6 9 9 9

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 08 | 01 | 76 | 1130 | | .3 | | 0.029 | 0.004 | 0.040 | 0.550 | 0.006 | 0.360 | 270.0 | 10.0 | | 260 |
| 14 | 04 | 76 | 1450 | | .3 | | 0.019 | 0.003 | 0.018 | 0.390 | 0.006 | 0.119 | | 7.5 | | 224 |
| 20 | 05 | 76 | 1605 | | .3 | | 0.040 | 0.004 | 0.008 | 0.680 | 0.005 | 0.080 | 220.0 | 12.0 | | 208 |
| 22 | 06 | 76 | 1545 | | .3 | | 0.039 | 0.003 | 0.031 | 0.820 | 0.008 | 0.012 | 308.0 | 8.0 | | |
| 20 | 07 | 76 | 1400 | | .3 | | 0.034 | 0.002 | 0.002 | 0.480 | 0.002 | 0.005L | 236.0 | 4.8 | | |
| 19 | 08 | 76 | 1510 | | .3 | | 0.038 | 0.002 | 0.026 | 0.460 | 0.007 | 0.223 | 288.0 | 5.2 | | |
| 14 | 09 | 76 | 1420 | | .3 | | 0.048 | 0.007 | 0.028 | 0.420 | 0.005 | 0.215 | 334.0 | 10.0 | | |
| 21 | 10 | 76 | 1710 | | .3 | | 0.025 | 0.007 | 0.002 | 0.450 | 0.003 | 0.122 | 270. | 9.8 | | |
| 08 | 12 | 76 | 1500 | | .3 | | 0.023 | 0.003 | 0.022 | 0.460 | 0.002 | 0.548 | 247.0 | 5.7 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

0.048 0.007 0.040 0.820 0.008 0.548 334.0 12.0 260
0.033 0.004 0.020 0.523 0.005 0.187D 271.6 8.1 231
0.019 0.002 0.002 0.390 0.002 0.005 220.0 4.8 208

9 9 9 9 9 9 8 9 3

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1130 | | .3 | | 400 | 8.00 | 5.9 | | | | | | | |
| 14 | 04 | 76 | 1450 | | .3 | | 345 | 5.40 | 15.5 | | | | | | | |
| 20 | 05 | 76 | 1605 | | .3 | | 320 | 6.00 | 8.0 | | | | | | | |
| 22 | 06 | 76 | 1545 | | .3 | | 444 | 4.50 | 35.0 | | | | | | | |
| 20 | 07 | 76 | 1400 | | .3 | | 353 | 6.00 | 12.5 | | | | | | | |
| 19 | 08 | 76 | 1510 | | .3 | | 430 | 4.30 | 27.5 | | | | | | | |
| 14 | 09 | 76 | 1420 | | .3 | | 470 | 6.80 | 24.5 | | | | | | | |
| 21 | 10 | 76 | 1710 | | .3 | | 400 | 5.4 | 13.0 | | | | | | | |
| 08 | 12 | 76 | 1500 | | .3 | | 370 | 5.60 | 14.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

470 8.00 35.0
392 5.78 17.3
320 4.30 5.9

9 9 9

B.O.W. / SITE: HOLLAND RIVER
 SAMPLE POINT: QUEENSVILLE ROAD RIVER DRIVE PARK
 STATION TYPE: RIVER

STATION ID: 03-0077-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STORET CODE: 02
 002
 2720

| STN NO | 1 | LAT | LONG | U.T.M. 17 0619650.0 4885250.0 4 | REGION 03 | MILEAGE | 81.30 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|-----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCO | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 06 02 76 0940 | | | .3 | | 31018 | 4 | | 17200. | 5600. | 790. | | 2.0 | 4.0 | 2.8 |
| 01 03 76 1320 | | | .3 | | 31034 | 4 | | 4200. | 10. | 130. | | 1.0 | 5.0 | 1.2 |
| 01 04 76 0930 | | | .3 | | 31050 | 6 | | 100. | 10. | 96. | | 6.0 | 4.0 | 1.0 |
| 03 05 76 0920 | | | .3 | | 31066 | 6 | | 45000. | 1. | 8. | | 11.0 | 8.0 | 1.6 |
| 01 06 76 0900 | | | .3 | | 31082 | 6 | | 7000. | 1. | 368. | | 15.0 | 3.0 | 4.4 |
| 09 07 76 0900 | | | .3 | | 31098 | 5 | | 600. | 10. | 10. | L | 21.5 | 6.0 | 7.0 |
| 29 07 76 0935 | | | .3 | | 31114 | 7 5 | | 2300. | 20. | 60. | | 23.0 | 11.0 | 6.5 |
| 01 09 76 1235 | | | .3 | | 31130 | 7 9 | | | | | | 16.0 | 6.0 | 5.8 |
| 05 10 76 0900 | | | .3 | | 31146 | 9 7 | | 1400. | 4. | 0. | | 15.0 | 7.0 | 3.1 |
| 01 11 76 0900 | | | .3 | | 31162 | 9 | | 15100. | 216. | 96. | | 4.0 | 7.0 | 2.3 |
| 01 12 76 0900 | | | .3 | | 31178 | 4 | | 6600. | 440. | 72. | | 0.5 | 7.0 | 2.5 |
| 30 12 76 0910 | | | .3 | | 31194 | 4 | | 1500. G | 600. G | 856. | | 1.0 | 5.0 | 3.0 |
| MAXIMUM | | | | | | | | 45000. | 5600. | 856. | | 23.0 | 11.0 | 7.0 |
| AVG OR GEOM MN (*) | | | | | | | | 3380. * U | 31. * E | 66. * D | | 9.8 | 6.1 | 3.5 |
| MINIMUM | | | | | | | | 100. | 1. | 0. | | 0.5 | 3.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 06 02 76 0940 | | | .3 | | 0.380 | 0.180 | 5.500 | 6.000 | 0.057 | 3.400 | 680.0 | 9.4 | | |
| 01 03 76 1320 | | | .3 | | 0.144 | 0.036 | 0.124 | 0.860 | 0.014 | 2.100 | 325.0 | 23.0 | | |
| 01 04 76 0930 | | | .3 | | 0.055 | 0.009 | 0.014 | 0.640 | 0.010 | 0.895 | 343.0 | 11.0 | | |
| 03 05 76 0920 | | | .3 | | 0.256 | 0.004 | 0.038 | 1.480 | 0.018 | 0.917 | 509.0 | 27.0 | | |
| 01 06 76 0900 | | | .3 | | 0.196 | 0.051 | 0.500 | 1.540 | 0.150 | 2.080 | | | | |
| 09 07 76 0900 | | | .3 | | 0.395 | 0.090 | 0.308 | 0.460 | 0.090 | 1.270 | | | | |
| 29 07 76 0935 | | | .3 | | 0.210 | 0.016 | 0.063 | 1.800 | 0.093 | 0.347 | 339.0 | 39.0 | | |
| 01 09 76 1235 | | | .3 | | 0.650 | 0.580 | 3.000 | 5.100 | 0.002 | 0.005L | 555.0 | 46.0 | | |
| 05 10 76 0900 | | | .3 | | 0.292 | 0.130 | 0.176 | 1.340 | 0.090 | 2.710 | 512.0 | 18.0 | | |
| 01 11 76 0900 | | | .3 | | 0.166 | 0.082 | 0.610 | 1.300 | 0.145 | 2.590 | 540.0 | 18.0 | | |
| 01 12 76 0900 | | | .3 | | 0.480 | 0.425 | 4.350 | 5.400 | 0.029 | 1.600 | 563.0 | 15.0 | | |
| 30 12 76 0910 | | | .3 | | 0.440 | 0.280 | 4.200 | 4.580 | 0.033 | 1.370 | 610.0 | 11.0 | | |
| MAXIMUM | | | | | 0.650 | 0.580 | 5.500 | 6.000 | 0.150 | 3.400 | 680.0 | 46.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.305 | 0.157 | 1.574 | 2.542 | 0.061 | 1.607D | 497.6 | 21.7 | | |
| MINIMUM | | | | | 0.004 | 0.004 | 0.014 | 0.460 | 0.002 | 0.005 | 325.0 | 9.4 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 10 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 06 02 76 0940 | | | .3 | | 1100 | 9.70 | 155.0 | | | | | | | |
| 01 03 76 1320 | | | .3 | | 480 | 8.70 | 34.5 | | | | | | | |
| 01 04 76 0930 | | | .3 | | 495 | 3.40 | 27.5 | | | | | | | |
| 03 05 76 0920 | | | .3 | | 800 | 14.00 | 83.0 | | | | | | | |
| 01 06 76 0900 | | | .3 | | 800 | 14.00 | 105.0 | | | | | | | |
| 09 07 76 0900 | | | .3 | | 630 | 26.00 | 63.0 | | | | | | | |
| 29 07 76 0935 | | | .3 | | 520 | 12.00 | 60.0 | | | | | | | |
| 01 09 76 1235 | | | .3 | | 860 | 24.00 | 100.0 | | | | | | | |
| 05 10 76 0900 | | | .3 | | 840 | 15.00 | 95.0 | | | | | | | |
| 01 11 76 0900 | | | .3 | | 880 | 16.00 | 88.0 | | | | | | | |
| 01 12 76 0900 | | | .3 | | 960 | 17.00 | 108.0 | | | | | | | |
| 30 12 76 0910 | | | .3 | | 1020 | 9.50 | 135.0 | | | | | | | |
| MAXIMUM | | | | | 1100 | 26.00 | 155.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 782 | 14.11 | 87.8 | | | | | | | |
| MINIMUM | | | | | 480 | 3.40 | 27.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: SCHOMBERG RIVER
SAMPLE POINT: HIGHWAY 11 BRADFORD
STATION TYPE: RIVER

STATION ID: 03-0077-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 2 | LAT | LONG | U.T.M. 17 0616325.0 4885250.0 4 | REGION 03 | MILEAGE | 81.90 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 02 76 | 1600 | | .3 | | | | 31017 | 4 | | 12. L | 1. | 10. L | | 1.0 | 11.0 | 2.0 |
| 01 03 76 | 1305 | | .3 | | | | 31033 | 4 | | 1600. | 10. | 120. | | 1.0 | 3.0 | 1.6 |
| 01 04 76 | 0900 | | .3 | | | | 31049 | 9 | | 30. | 30. | 20. | | 7.0 | 9.0 | 1.0 |
| 03 05 76 | 0900 | | .3 | | | | 31065 | 6 | | 300. | 10. L | 10. L | | 10.0 | 8.0 | 2.6 |
| 01 06 76 | 0845 | | .3 | | | | 31081 | 9 | | 13000E+2 | 1. | 1500. G | | 14.0 | 4.0 | 9.0 |
| 09 07 76 | 0850 | | .3 | | | | 31097 | 7 5 9 | | 400. | | 100. L | | 22.0 | 7.0 | 5.0 |
| 29 07 76 | 0920 | | .3 | | | | 31113 | 7 5 9 | | 10000. L | 1. | 10. L | | 23.0 | 8.0 | 5.0 |
| 01 09 76 | 1155 | | .3 | | | | 31129 | 7 9 0 | | | | | | 18.0 | 4.0 | 3.6 |
| 05 10 76 | 0845 | | .3 | | | | 31145 | 7 9 0 | | 100. | 16. | 24. | | 14.0 | 7.0 | 3.0 |
| 01 11 76 | 0845 | | .3 | | | | 31161 | 7 9 | | 560. | 12. | 80. | | 4.0 | 4.0 | 0.9 |
| 01 12 76 | 0845 | | .3 | | | | 31177 | 4 | | 1000. | 16. | 168. | | 0.5 | 8.0 | 3.0 |
| 30 12 76 | 0855 | | .3 | | | | 31193 | 4 | | 1410. | 20. | 108. | | 1.0 | 3.0 | 2.0 |
| MAXIMUM | | | | | | | | | | 13000E+2 | 30. | 1500. | | 23.0 | 11.0 | 9.0 |
| AVG OR GEOM MN (%) | | | | | | | | | | 786.* D | 7.* D | 54.* E | | 9.6 | 6.3 | 3.2 |
| MINIMUM | | | | | | | | | | 12. | 1. | 10. | | 0.5 | 3.0 | 0.9 |
| NO OF SAMPLES | | | | | | | | | | 11 | 10 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 02 76 | 1600 | | .3 | | | | 0.085 | 0.026 | 0.150 | 0.740 | 0.009 | 0.730 | 425.0 | 7.4 | | |
| 01 03 76 | 1305 | | .3 | | | | 0.115 | 0.061 | 0.132 | 0.930 | 0.044 | 2.810 | 380.0 | 17.0 | | |
| 01 04 76 | 0900 | | .3 | | | | 0.149 | 0.021 | 0.186 | 1.110 | 0.043 | 3.040 | 518.0 | 64.0 | | |
| 03 05 76 | 0900 | | .3 | | | | 0.102 | 0.080 | 0.490 | 1.220 | 0.100 | 1.580 | 445.0 | 24.0 | | |
| 01 06 76 | 0845 | | .3 | | | | 0.450 | 0.130 | 0.720 | 3.760 | 0.010 | 0.020 | | | | |
| 09 07 76 | 0850 | | .3 | | | | 0.470 | 0.063 | 0.264 | 3.550 | 0.002 | 0.043 | | | | |
| 29 07 76 | 0920 | | .3 | | | | 0.425 | 0.300 | 0.200 | 0.340 | 0.005 | 0.005L | 464.0 | 15.0 | | |
| 01 09 76 | 1155 | | .3 | | | | 0.358 | 0.200 | 0.185 | 1.040 | 0.320 | 0.210 | 385.0 | 25.0 | | |
| 05 10 76 | 0845 | | .3 | | | | 0.266 | 0.008 | 0.002L | 1.460 | 0.002 | 0.005L | 448.0 | 50.0 | | |
| 01 11 76 | 0845 | | .3 | | | | 0.060 | 0.015 | 0.060 | 0.700 | 0.014 | 0.981 | 489.0 | 29.0 | | |
| 01 12 76 | 0845 | | .3 | | | | 0.475 | 0.062 | 0.212 | 2.000 | 0.009 | 0.641 | 639.0 | 169.0 | | |
| 30 12 76 | 0855 | | .3 | | | | 0.130 | 0.024 | 0.240 | 4.260 | 0.006 | 0.460 | 460.0 | 20.0 | | |
| MAXIMUM | | | | | | | 0.475 | 0.300 | 0.720 | 4.260 | 0.320 | 3.040 | 639.0 | 169.0 | | |
| AVG OR GEOM MN (%) | | | | | | | 0.257 | 0.083 | 0.237D | 1.759 | 0.047 | 0.877D | 465.3 | 42.0 | | |
| MINIMUM | | | | | | | 0.060 | 0.008 | 0.002 | 0.340 | 0.002 | 0.005 | 380.0 | 7.4 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 10 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 02 76 | 1600 | | .3 | | | | 620 | 5.40 | 39.5 | | | | | | | |
| 01 03 76 | 1305 | | .3 | | | | 540 | 8.60 | 55.0 | | | | | | | |
| 01 04 76 | 0900 | | .3 | | | | 600 | 14.00 | 40.5 | | | | | | | |
| 03 05 76 | 0900 | | .3 | | | | 650 | 12.00 | 43.0 | | | | | | | |
| 01 06 76 | 0845 | | .3 | | | | 600 | 12.00 | 48.0 | | | | | | | |
| 09 07 76 | 0850 | | .3 | | | | 600 | 50.00 | 42.5 | | | | | | | |
| 29 07 76 | 0920 | | .3 | | | | 650 | 5.30 | 46.0 | | | | | | | |
| 01 09 76 | 1155 | | .3 | | | | 560 | 20.00 | 39.5 | | | | | | | |
| 05 10 76 | 0845 | | .3 | | | | 650 | 20.00 | 45.5 | | | | | | | |
| 01 11 76 | 0845 | | .3 | | | | 760 | 6.40 | 48.5 | | | | | | | |
| 01 12 76 | 0845 | | .3 | | | | 800 | 66.00 | 22.0 | | | | | | | |
| 30 12 76 | 0855 | | .3 | | | | 720 | 8.50 | 55.0 | | | | | | | |
| MAXIMUM | | | | | | | 800 | 66.00 | 55.0 | | | | | | | |
| AVG OR GEOM MN (%) | | | | | | | 646 | 19.02 | 43.8 | | | | | | | |
| MINIMUM | | | | | | | 540 | 5.30 | 22.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: HOLLAND RIVER
 SAMPLE POINT: HERALD ROAD FIRST CONCESSION NORTH OF NEWMARKET
 STATION TYPE: RIVER FLOW GAUGE FED 02ECO09

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-003-02

STORET CODE: 02
 002
 2720

| STN NO | 3 | LAT | LONG | U.T.M. 17 0623700.0 4881725.0 4 | REGION 03 | MILEAGE | 87.10 | | | | | | | | | |
|--------------------|-----------|------------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 06 02 76 | 1015 | | | | .3 | | 31019 | 4 | 14.90 | 400. | 10. L | 20. | | 3.0 | 6.0 | 4.6 |
| 01 03 76 | 1330 | | | | .3 | | 31035 | 6 | 132.00 | 11500E+1 | 100. L | 1500. G | | 2.0 | 3.0 | 5.4 |
| 01 04 76 | 0945 | | | | .3 | | 31051 | 6 | 240.00 | 72000. | 1710. L | 1570. L | | 6.0 | 5.0 | 6.4 |
| 03 05 76 | 0945 | | | | .3 | | 31067 | 6 | 67.80 | 10. | 1. L | 100. L | | 10.0 | 7.0 | 2.2 |
| 01 06 76 | 0920 | | | | .3 | | 31083 | 9 | 23.80 | 96000. | 10. L | 10. L | | 12.0 | 4.0 | 4.6 |
| 09 07 76 | 0915 | | | | .3 | | 31099 | 8 | 81.60 | 2700. | 90. L | 10. L | | 20.0 | 6.0 | 2.0 |
| 29 07 76 | 1050 | | | | .3 | | 31115 | 8 | 74.30 | 1500. G | 600. G | 480. L | | 21.0 | 6.0 | 4.0 |
| 01 09 76 | 1300 | | | | .3 | | 31131 | 8 | 34.80 | | | | | 17.0 | 5.0 | 3.2 |
| 05 10 76 | 0915 | | | | .3 | | 31147 | 8 | 13.80 | 20000. | 300. L | 100. L | | 15.0 | 4.0 | 4.6 |
| 01 11 76 | 0915 | | | | .3 | | 31163 | 8 | 25.80 | 35000. | 1500. L | 500. L | | 5.0 | 5.0 | 6.5 |
| 01 12 76 | 0920 | | | | .3 | | 31179 | 4 | 18.60 | 32000. | 3300. L | 360. L | | 1.0 | 4.0 | 3.5 |
| 30 12 76 | 0930 | | | | .3 | | 31195 | 4 | 14.10 | 15000. G | 15700. L | 1600. L | | 1.5 | 4.0 | 7.0 |
| MAXIMUM | | | | | | | | | 240.00 | 11500E+1 | 15700. | 1600. | | 21.0 | 7.0 | 7.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 61.79 | 7516.* U | 201.* E | 180.* E | | 9.5 | 4.9 | 4.5 |
| MINIMUM | | | | | | | | | 13.80 | 10. | 1. | 10. | | 1.0 | 3.0 | 2.0 |
| NO OF SAMPLES | | | | | | | | | 12 | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 06 02 76 | 1015 | | | | .3 | | 0.810 | 0.430 | 7.000 | 10.000 | 0.074 | 1.400 | 723.0 | 14.0 | | |
| 01 03 76 | 1330 | | | | .3 | | 0.440 | 0.115 | 1.150 | 2.400 | 0.045 | 1.960 | 430.0 | 33.0 | | |
| 01 04 76 | 0945 | | | | .3 | | 0.285 | 0.155 | 0.880 | 1.520 | 0.029 | 2.020 | 442.0 | 47.0 | | |
| 03 05 76 | 0945 | | | | .3 | | 0.264 | 0.075 | 1.190 | 2.540 | 0.115 | 1.110 | 518.0 | 8.2 | | |
| 01 06 76 | 0920 | | | | .3 | | 0.630 | 0.200 | 1.860 | 3.560 | 0.230 | 1.680 | | | | |
| 09 07 76 | 0915 | | | | .3 | | 0.180 | 0.150 | 0.024 | 0.600 | 0.088 | 1.180 | | | | |
| 29 07 76 | 1050 | | | | .3 | | 0.460 | 0.280 | 0.630 | 1.800 | 0.200 | 2.460 | 482.0 | 30.0 | | |
| 01 09 76 | 1300 | | | | .3 | | 0.430 | 0.400 | 1.600 | 2.740 | 1.060 | 3.340 | 546.0 | 33.0 | | |
| 05 10 76 | 0915 | | | | .3 | | 0.990 | 0.520 | 1.480 | 2.880 | 0.370 | 5.030 | 656.0 | 57.0 | | |
| 01 11 76 | 0915 | | | | .3 | | 0.392 | 0.130 | 1.400 | 2.580 | 0.180 | 3.820 | 597.0 | 68.0 | | |
| 01 12 76 | 0920 | | | | .3 | | 0.670 | 0.325 | 5.100 | 7.600 | 0.069 | 1.300 | 649.0 | 91.0 | | |
| 30 12 76 | 0930 | | | | .3 | | 1.000 | 0.650 | 5.000 | 11.400 | 0.051 | 1.800 | 780.0 | 44.0 | | |
| MAXIMUM | | | | | | | | | 1.000 | 0.650 | 7.000 | 11.400 | 780.0 | 91.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | | 0.546 | 0.286 | 2.276 | 4.135 | 582.3 | 42.5 | | |
| MINIMUM | | | | | | | | | 0.180 | 0.075 | 0.024 | 0.029 | 430.0 | 8.2 | | |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 12 | 12 | 10 | 10 | | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 06 02 76 | 1015 | | | | .3 | | 1160 | 15.00 | 140.0 | | | | | | | |
| 01 03 76 | 1330 | | | | .3 | | 620 | 17.00 | 65.0 | | | | | | | |
| 01 04 76 | 0945 | | | | .3 | | 620 | 22.00 | 61.0 | | | | | | | |
| 03 05 76 | 0945 | | | | .3 | | 800 | 13.00 | 83.0 | | | | | | | |
| 01 06 76 | 0920 | | | | .3 | | 750 | 16.00 | 85.0 | | | | | | | |
| 09 07 76 | 0915 | | | | .3 | | 570 | 45.00 | 45.0 | | | | | | | |
| 29 07 76 | 1050 | | | | .3 | | 750 | 17.00 | 85.0 | | | | | | | |
| 01 09 76 | 1300 | | | | .3 | | 850 | 20.00 | 100.0 | | | | | | | |
| 05 10 76 | 0915 | | | | .3 | | 1000 | 40.00 | 130.0 | | | | | | | |
| 01 11 76 | 0915 | | | | .3 | | 900 | 46.00 | 100.0 | | | | | | | |
| 01 12 76 | 0920 | | | | .3 | | 970 | 54.00 | 100.0 | | | | | | | |
| 30 12 76 | 0930 | | | | .3 | | 1260 | 30.00 | 225.0 | | | | | | | |
| MAXIMUM | | | | | | | | | 1260 | 54.00 | 225.0 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 854 | 27.92 | 101.6 | | | | | |
| MINIMUM | | | | | | | | | 570 | 13.00 | 45.0 | | | | | |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 12 | | | | | |

B.O.W. / SITE: DRAINAGE CANAL
SAMPLE POINT: SOUTHEAST CONCESSION AND NEWMARKET TOWNLINE
STATION TYPE: RIVER

STATION ID: 03-0077-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 4 | LAT | LONG | U.T.M. 17 0611750.0 4875575.0 4 | REGION 03 | MILEAGE | 90.10 | | | | | | | | | |
|----------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 | 02 | 76 | 1350 | | .3 | | 31029 | 4 | | 500. | 152. | 20. | | 3.0 | 6.0 | 1.6 |
| 01 | 03 | 76 | 1510 | | .3 | | 31045 | 4 | | 170. | 4. | 8. | | 1.0 | 3.0 | 1.4 |
| 01 | 04 | 76 | 1315 | | .3 | | 31061 | 6 | | 800. | 8. | 16. | | 7.0 | 5.0 | 0.8 |
| 03 | 05 | 76 | 1355 | | .3 | | 31077 | 6 | | 40. | 1. | 8. | | 11.0 | 8.0 | 0.6 |
| 01 | 06 | 76 | 1245 | | .3 | | 31093 | 6 | | 900. | 24. | 172. | | 17.0 | 4.0 | 1.8 |
| 09 | 07 | 76 | 1300 | | .3 | | 31109 | 6 | | 20. | 1. | 1. | | 24.0 | 5.0 | 1.0 |
| 29 | 07 | 76 | 1510 | | .3 | | 31125 | 6 | | 1500. G | 80. | 1440. | | 22.0 | 3.0 | 7.0 |
| 01 | 09 | 76 | 0855 | | .3 | | 31141 | 6 | | | | | | 16.0 | 4.0 | 1.2 |
| 05 | 10 | 76 | 1245 | | .3 | | 31157 | 6 | | 2900. | 56. | 0. | | 16.0 | 6.0 | 1.8 |
| 01 | 11 | 76 | 1300 | | .3 | | 31173 | 6 | | 100. | 4. | 4. | | 5.0 | 4.0 | 1.6 |
| 01 | 12 | 76 | 1425 | | .3 | | 31189 | 4 | | 150. | 12. | 24. | | 1.0 | 6.0 | 1.6 |
| 30 | 12 | 76 | 1325 | | .3 | | 31205 | 4 | | 48. | 8. | 4. | | 1.0 | 4.0 | 1.4 |
| | | | | | | | | | | 2900. | 152. | 1440. | | 24.0 | 8.0 | 7.0 |
| MAXIMUM | | | | | | | | | | 240. * U | 11. * | 13. * | | 10.3 | 4.8 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 20. | 1. | 0. | | 1.0 | 3.0 | 0.6 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 | 02 | 76 | 1350 | | .3 | | 0.034 | 0.005 | 0.380 | 0.670 | 0.010 | 0.100 | 574.0 | 5.5 | | |
| 01 | 03 | 76 | 1510 | | .3 | | 0.020 | 0.004 | 0.010 | 0.520 | 0.005 | 0.495 | 318.0 | 2.9 | | |
| 01 | 04 | 76 | 1315 | | .3 | | 0.032 | 0.003 | 0.016 | 0.530 | 0.005 | 0.355 | 322.0 | 8.3 | | |
| 03 | 05 | 76 | 1355 | | .3 | | 0.032 | 0.003 | | 3.200 | 0.004 | 0.006 | 360.0 | 13.0 | | |
| 01 | 06 | 76 | 1245 | | .3 | | 0.046 | 0.004 | 0.024 | 0.720 | 0.003 | 0.005L | | | | |
| 09 | 07 | 76 | 1300 | | .3 | | 0.029 | 0.005 | 0.038 | 0.730 | 0.005 | 0.060 | | | | |
| 29 | 07 | 76 | 1510 | | .3 | | 0.475 | 0.027 | 0.208 | 1.500 | 0.003 | 0.005L | 363.0 | 22.0 | | |
| 01 | 09 | 76 | 0855 | | .3 | | 0.162 | 0.033 | 0.240 | 1.360 | 0.009 | 0.005L | 362.0 | 18.0 | | |
| 05 | 10 | 76 | 1245 | | .3 | | 0.065 | 0.002 | 0.008 | 0.750 | 0.001 | 0.005L | 377.0 | 17.0 | | |
| 01 | 11 | 76 | 1300 | | .3 | | 0.022 | 0.002 | 0.030 | 0.620 | 0.003 | 0.007 | | | | |
| 01 | 12 | 76 | 1425 | | .3 | | 0.027 | 0.004 | | 1.850 | 0.002 | 0.013 | | | | |
| 30 | 12 | 76 | 1325 | | .3 | | 0.034 | 0.004 | 0.242 | 2.080 | 0.004 | 0.041 | 455.0 | 6.4 | | |
| | | | | | | | 0.475 | 0.033 | 0.380 | 3.200 | 0.010 | 0.495 | 574.0 | 22.0 | | |
| MAXIMUM | | | | | | | 0.082 | 0.008 | 0.120 | 1.211 | 0.005 | 0.0910 | 393.9 | 11.6 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.020 | 0.002 | 0.008 | 0.520 | 0.001 | 0.005 | 318.0 | 2.9 | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 10 | 12 | 12 | 12 | 8 | 8 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 | 02 | 76 | 1350 | | .3 | | 960 | 5.10 | 175.0 | | | | | | | |
| 01 | 03 | 76 | 1510 | | .3 | | 500 | 1.20 | 35.0 | | | | | | | |
| 01 | 04 | 76 | 1315 | | .3 | | 500 | 3.80 | 47.5 | | | | | | | |
| 03 | 05 | 76 | 1355 | | .3 | | 550 | 10.00 | 32.5 | | | | | | | |
| 01 | 06 | 76 | 1245 | | .3 | | 600 | 5.90 | 50.5 | | | | | | | |
| 09 | 07 | 76 | 1300 | | .3 | | 495 | 1.70 | 33.0 | | | | | | | |
| 29 | 07 | 76 | 1510 | | .3 | | 560 | 7.50 | 36.0 | | | | | | | |
| 01 | 09 | 76 | 0855 | | .3 | | 580 | 6.60 | 47.5 | | | | | | | |
| 05 | 10 | 76 | 1245 | | .3 | | 620 | 12.00 | 57.5 | | | | | | | |
| 01 | 11 | 76 | 1300 | | .3 | | 700 | 2.20 | 53.0 | | | | | | | |
| 01 | 12 | 76 | 1425 | | .3 | | 730 | 3.00 | 63.0 | | | | | | | |
| 30 | 12 | 76 | 1325 | | .3 | | 750 | 3.00 | 78.0 | | | | | | | |
| | | | | | | | 960 | 12.00 | 175.0 | | | | | | | |
| MAXIMUM | | | | | | | 629 | 5.17 | 59.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 495 | 1.20 | 32.5 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: DRAINAGE CANAL
 SAMPLE POINT: ROAD RUNNING NORTH & SOUTH W GWILLIMBURY TWP
 STATION TYPE: RIVER

STATION ID: 03-0077-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STORET CODE: 02
 002
 2720

| STN NO | 5 | LAT | LONG | U.T.M. 17 0613450.0 4876925.0 4 | REGION 03 | MILEAGE | 88.70 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 02 76 1340 | | | .3 | | 31028 | 4 | | 1600. | 320. | 50. | | 2.0 | 7.0 | 3.8 |
| 01 03 76 1500 | | | .3 | | 31044 | 4 | | 200. | 1. | 12. | | 1.0 | 2.0 | 0.6 |
| 01 04 76 1300 | | | .3 | | 31060 | 6 | | 400. | 16. | 80. | | 6.0 | 6.0 | 0.8 |
| 03 05 76 1335 | | | .3 | | 31076 | 6 | | 70. | 4. | 36. | | 12.0 | 9.0 | 1.0 |
| 01 06 76 1235 | | | .3 | | 31092 | 9 | | 1700. | 152. | 224. | | 17.0 | 4.0 | 2.2 |
| 09 07 76 1240 | | | .3 | | 31108 | 9 7 | | 70. | 20. | 10. | L | 24.5 | 7.0 | 1.6 |
| 29 07 76 1500 | | | .3 | | 31124 | 7 | | 1500. G | 600. G | 292. | | 22.0 | 4.0 | 2.8 |
| 01 09 76 0840 | | | .3 | | 31140 | 7 | | | | | | 15.0 | 5.0 | 1.2 |
| 05 10 76 1230 | | | .3 | | 31156 | 9 7 | | 200. | 20. | 10. | | 12.0 | 7.0 | 3.8 |
| 01 11 76 1250 | | | .3 | | 31172 | 9 7 | | 140. | 4. | 16. | | 5.0 | 4.0 | 1.3 |
| 01 12 76 1410 | | | .3 | | 31188 | 4 | | 100. | 4. | 4. | | 1.0 | 4.0 | 4.5 |
| 30 12 76 1315 | | | .3 | | 31204 | 4 | | 710. | 690. | 70. | | 1.0 | 3.0 | 3.0 |
| MAXIMUM | | | | | | | | 1700. | 690. | 292. | | 24.5 | 9.0 | 4.5 |
| AVG OR GEOM MN (*) | | | | | | | | 316.* U | 28.* U | 33.* D | | 9.9 | 5.2 | 2.2 |
| MINIMUM | | | | | | | | 70. | 1. | 4. | | 1.0 | 2.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 02 76 1340 | | | .3 | | 0.086 | 0.005 | 0.180 | 0.830 | 0.009 | 0.100 | 713.0 | 12.0 | | |
| 01 03 76 1500 | | | .3 | | 0.030 | 0.006 | 0.026 | 0.500 | 0.005 | 0.445 | 314.0 | 6.9 | | |
| 01 04 76 1300 | | | .3 | | 0.113 | 0.004 | 0.030 | 0.780 | 0.005 | 0.370 | 350.0 | 40.0 | | |
| 03 05 76 1335 | | | .3 | | 0.048 | 0.002 | | 5.100 | 0.006 | 0.059 | 429.0 | 19.0 | | |
| 01 06 76 1235 | | | .3 | | 0.061 | 0.004 | 0.032 | 1.790 | 0.004 | 0.016 | | | | |
| 09 07 76 1240 | | | .3 | | 0.098 | 0.016 | 0.050 | 1.020 | 0.005 | 0.005 | | | | |
| 29 07 76 1500 | | | .3 | | 0.098 | 0.007 | 0.086 | 1.220 | 0.002 | 0.013 | 379.0 | 18.0 | | |
| 01 09 76 0840 | | | .3 | | 0.048 | 0.017 | 0.072 | 0.810 | 0.025 | 0.545 | 384.0 | 8.1 | | |
| 05 10 76 1230 | | | .3 | | 0.105 | 0.003 | 0.006 | 1.300 | 0.003 | 0.007 | 390.0 | 61.0 | | |
| 01 11 76 1250 | | | .3 | | 0.025 | 0.002 | 0.002 | 0.620 | 0.002 | 0.005L | | | | |
| 01 12 76 1410 | | | .3 | | 0.142 | 0.004 | | 3.640 | 0.002 | 0.018 | | | | |
| 30 12 76 1315 | | | .3 | | 0.086 | 0.003 | | 23.300 | 0.002 | 0.013 | 736.0 | 19.0 | | |
| MAXIMUM | | | | | 0.142 | 0.017 | 0.180 | 23.300 | 0.025 | 0.545 | 736.0 | 61.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.078 | 0.006 | 0.054 | 3.409 | 0.006 | 0.133D | 461.9 | 23.0 | | |
| MINIMUM | | | | | 0.025 | 0.002 | 0.002 | 0.500 | 0.002 | 0.005 | 314.0 | 6.9 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 9 | 12 | 12 | 12 | 8 | 8 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 02 76 1340 | | | .3 | | 1220 | 4.70 | 250.0 | | | | | | | |
| 01 03 76 1500 | | | .3 | | 500 | 1.40 | 37.0 | | | | | | | |
| 01 04 76 1300 | | | .3 | | 520 | 11.00 | 48.0 | | | | | | | |
| 03 05 76 1335 | | | .3 | | 550 | 12.00 | 41.5 | | | | | | | |
| 01 06 76 1235 | | | .3 | | 700 | 5.20 | 80.0 | | | | | | | |
| 09 07 76 1240 | | | .3 | | 580 | 13.00 | 75.0 | | | | | | | |
| 29 07 76 1500 | | | .3 | | 590 | 5.50 | 70.0 | | | | | | | |
| 01 09 76 0840 | | | .3 | | 640 | 3.20 | 76.0 | | | | | | | |
| 05 10 76 1230 | | | .3 | | 590 | 16.00 | 65.0 | | | | | | | |
| 01 11 76 1250 | | | .3 | | 720 | 2.00 | 65.0 | | | | | | | |
| 01 12 76 1410 | | | .3 | | 760 | 28.00 | 70.0 | | | | | | | |
| 30 12 76 1315 | | | .3 | | 1030 | 7.50 | 165.0 | | | | | | | |
| MAXIMUM | | | | | 1220 | 28.00 | 250.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 700 | 9.13 | 86.9 | | | | | | | |
| MINIMUM | | | | | 500 | 1.40 | 37.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: HOLLAND RIVER

SAMPLE POINT: MULOCK DRIVE FIRST CONCESSION SOUTH OF NEWMARKET

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-006-02

STORET CODE: 02

002

2720

| STN NO | | 6 | | LAT | | LONG | | U.T.M. 17 0623425.0 4877350.0 4 | | | | REGION 03 | | MILEAGE | | 90.10 | |
|--------------------|--------|-------|-----|---------------|---------|-----------------|----|---------------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 02 76 | 1245 | | | | | .3 | | 31026 | 4 | | 90000E+1 | 11000. | 13900. | | 5.0 | 8.0 | 18.0 |
| 01 03 76 | 1415 | | | | | .3 | | 31042 | 9 | | 800. | 200. | 200. | | 4.0 | 2.0 | 4.2 |
| 01 04 76 | 1215 | | | | | .3 | | 31058 | 6 | | 42000. | 5700. | 1000. | | 6.0 | 4.0 | 2.0 |
| 03 05 76 | 1245 | | | | | .3 | | 31074 | 6 | | 4000. | 100. | 300. | | 10.0 | 11.0 | 1.4 |
| 01 06 76 | 1140 | | | | | .3 | | 31090 | 9 0 | | 64000. | 100. | 2300. | | 15.0 | 3.0 | 7.0 |
| 09 07 76 | 1145 | | | | | .3 | | 31106 | 9 | | 2600. | 300. | 100. | L | 20.0 | 6.0 | 1.6 |
| 29 07 76 | 1420 | | | | | .3 | | 31122 | 9 | | 2800. | 504. | 400. | | 20.0 | 5.0 | 1.6 |
| 01 09 76 | 1045 | | | | | .3 | | 31138 | 9 | | | | | | 18.0 | 5.0 | 1.0 |
| 05 10 76 | 1145 | | | | | .3 | | 31154 | 9 0 | | 10500. | 590. | 130. | | 15.5 | 5.0 | 4.0 |
| 01 11 76 | 1130 | | | | | .3 | | 31170 | 9 | | 17000. | 1300. | 550. | | 4.0 | 3.0 | 7.3 |
| 01 12 76 | 1325 | | | | | .3 | | 31186 | 4 | | 40000. | 5000. | 380. | | 1.0 | 8.0 | 4.0 |
| 30 12 76 | 1235 | | | | | .3 | | 31202 | 4 | | 15000. G | 600. G | 600. G | | 1.0 | 6.0 | 4.0 |
| | | | | | | | | | | | 90000E+1 | 11000. | 13900. | | 20.0 | 11.0 | 18.0 |
| MAXIMUM | | | | | | | | | | | 14517. * U | 752. * E | 545. * E | | 10.0 | 5.5 | 4.7 |
| AVG OR GEOM MN (°) | | | | | | | | | | | 800. | 100. | 100. | | 1.0 | 2.0 | 1.0 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 02 76 | 1245 | | | | | .3 | | 1.300 | 0.230 | 10.000 | 12.000 | 0.025 | 0.430 | | | | |
| 01 03 76 | 1415 | | | | | .3 | | 0.635 | 0.130 | 1.260 | 2.750 | 0.027 | 1.520 | 460.0 | 99.0 | | |
| 01 04 76 | 1215 | | | | | .3 | | 0.374 | 0.190 | 1.130 | 2.000 | 0.021 | 1.100 | 438.0 | 71.0 | | |
| 03 05 76 | 1245 | | | | | .3 | | 0.114 | 0.012 | 0.700 | 3.780 | 0.076 | 0.599 | 450.0 | 17.0 | | |
| 01 06 76 | 1140 | | | | | .3 | | 0.385 | 0.170 | 1.200 | 2.500 | 0.120 | 0.910 | | | | |
| 09 07 76 | 1145 | | | | | .3 | | 0.420 | 0.230 | 0.024 | 1.280 | 0.190 | 0.755 | | | | |
| 29 07 76 | 1420 | | | | | .3 | | 0.270 | 0.140 | 0.134 | 1.140 | 0.150 | 2.800 | 484.0 | 25.0 | | |
| 01 09 76 | 1045 | | | | | .3 | | 0.228 | 0.064 | 0.006 | 0.760 | 0.021 | 4.200 | 772.0 | 52.0 | | |
| 05 10 76 | 1145 | | | | | .3 | | 0.790 | 0.084 | 0.500 | 1.700 | 0.260 | 2.640 | 518.0 | 27.0 | | |
| 01 11 76 | 1130 | | | | | .3 | | 0.245 | 0.220 | 2.040 | 2.860 | 0.100 | 1.600 | | | | |
| 01 12 76 | 1325 | | | | | .3 | | 0.410 | 0.300 | 6.150 | 6.600 | 0.038 | 0.852 | | | | |
| 30 12 76 | 1235 | | | | | .3 | | 0.960 | 0.740 | 6.050 | 19.100 | 0.013 | 0.542 | 508.0 | 16.0 | | |
| | | | | | | | | 1.300 | 0.740 | 10.000 | 19.100 | 0.260 | 4.200 | 772.0 | 99.0 | | |
| MAXIMUM | | | | | | | | 0.511 | 0.209 | 2.433 | 4.706 | 0.087 | 1.496 | 518.6 | 43.9 | | |
| AVG OR GEOM MN (°) | | | | | | | | 0.114 | 0.012 | 0.006 | 0.760 | 0.013 | 0.430 | 438.0 | 16.0 | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 7 | 7 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 02 76 | 1245 | | | | | .3 | | 1240 | 40.00 | 170.0 | | | | | | | |
| 01 03 76 | 1415 | | | | | .3 | | 580 | 34.00 | 50.5 | | | | | | | |
| 01 04 76 | 1215 | | | | | .3 | | 580 | 21.00 | 49.0 | | | | | | | |
| 03 05 76 | 1245 | | | | | .3 | | 650 | 7.50 | 46.0 | | | | | | | |
| 01 06 76 | 1140 | | | | | .3 | | 700 | 18.00 | 58.0 | | | | | | | |
| 09 07 76 | 1145 | | | | | .3 | | 590 | 33.00 | 39.0 | | | | | | | |
| 29 07 76 | 1420 | | | | | .3 | | 770 | 11.00 | 93.0 | | | | | | | |
| 01 09 76 | 1045 | | | | | .3 | | 1200 | 25.00 | 165.0 | | | | | | | |
| 05 10 76 | 1145 | | | | | .3 | | 830 | 20.00 | 90.0 | | | | | | | |
| 01 11 76 | 1130 | | | | | .3 | | 840 | 17.00 | 80.0 | | | | | | | |
| 01 12 76 | 1325 | | | | | .3 | | 1130 | 14.00 | 118.0 | | | | | | | |
| 30 12 76 | 1235 | | | | | .3 | | 770 | 10.00 | 58.0 | | | | | | | |
| | | | | | | | | 1240 | 40.00 | 170.0 | | | | | | | |
| MAXIMUM | | | | | | | | 823 | 20.88 | 84.7 | | | | | | | |
| AVG OR GEOM MN (°) | | | | | | | | 580 | 7.50 | 39.0 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: AURORA CREEK
SAMPLE POINT: AT HIGHWAY NO 11 NORTH OF ST ANDREWS COLLEGE
STATION TYPE: RIVER FLOW GAUGE MOE 02ED101

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-007-02

STORET CODE: 02
002
2720

| STN NO | 7 | LAT | LONG | U.T.M. 17 0622350.0 4875275.0 4 | REGION 03 | MILEAGE | 94.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|-----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 02 76 1315 | | | .3 | | 31027 | 0 9 | | 50000E+1 | 22000. | 14700. | | 7.0 | 10.0 | 20.0 |
| 01 03 76 1425 | | | .3 | | 31043 | 0 9 | | 19100E+1 | 25000. | 1500. | G | 4.0 | 4.0 | 4.4 |
| 01 04 76 1230 | | | .3 | | 31059 | 0 | | 14200E+1 | 12100. | 3600. | | 8.0 | 4.0 | 2.0 |
| 03 05 76 1310 | | | .3 | | 31075 | 9 | | 12000. | 36. | 100. | L | 11.5 | 9.0 | 2.8 |
| 01 06 76 1155 | | | .3 | | 31091 | 0 9 | | 24000E+1 | 88. | 600. | G | 15.0 | 4.0 | 8.0 |
| 09 07 76 1200 | | | .3 | | 31107 | 9 | | 8600. | 170. | 30. | | 22.0 | 5.0 | 2.2 |
| 29 07 76 1435 | | | .3 | | 31123 | 0 9 | | 23000. | 600. | G 1500. | G | 19.0 | 4.0 | 3.0 |
| 01 09 76 1030 | | | .3 | | 31139 | 0 | | | | | | 18.0 | 7.0 | 3.0 |
| 05 10 76 1200 | | | .3 | | 31155 | 0 | | 12700E+1 | 1700. | 800. | | 17.0 | 5.0 | 10.0 |
| 01 11 76 1145 | | | .3 | | 31171 | 0 | | 33000. | 2600. | 500. | | 4.0 | 4.0 | 7.9 |
| 01 12 76 1335 | | | .3 | | 31187 | 6 | | 32000E+1 | 24000. | 3210. | | 5.0 | 4.0 | 7.0 |
| 30 12 76 1255 | | | .3 | | 31203 | 6 | | 15000E+1G | 1500. | G 1500. | G | 3.0 | 4.0 | 9.5 |
| MAXIMUM | | | | | | | | 50000E+1 | 25000. | 14700. | | 22.0 | 10.0 | 20.0 |
| AVG OR GEOM MN (*) | | | | | | | | 84426.* U | 1700.* U | 923.* E | | 11.1 | 5.3 | 6.7 |
| MINIMUM | | | | | | | | 8600. | 36. | 30. | | 3.0 | 4.0 | 2.0 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | MG/L | P MG/L | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 02 76 1315 | | | .3 | | 1.900 | 0.480 | 19.000 | 22.000 | 0.068 | 0.310 | 1123.0 | 98.0 | | |
| 01 03 76 1425 | | | .3 | | 0.422 | 0.098 | 2.850 | 3.400 | 0.072 | 1.650 | 530.0 | 47.0 | | |
| 01 04 76 1230 | | | .3 | | 0.176 | 0.034 | 1.850 | 2.450 | 0.044 | 1.120 | 506.0 | 44.0 | | |
| 03 05 76 1310 | | | .3 | | 0.390 | 0.016 | 3.880 | 12.000 | 0.350 | 1.500 | 578.0 | 30.0 | | |
| 01 06 76 1155 | | | .3 | | 0.385 | 0.170 | 6.200 | 7.900 | 0.120 | 0.600 | | | | |
| 09 07 76 1200 | | | .3 | | 0.320 | 0.130 | 0.022 | 0.990 | 0.150 | 1.550 | | | | |
| 29 07 76 1435 | | | .3 | | 0.420 | 0.095 | | 3.900 | 0.044 | 2.430 | 525.0 | 120.0 | | |
| 01 09 76 1030 | | | .3 | | 0.190 | 0.037 | 0.095 | 1.000 | 2.700 | 1.300 | 783.0 | 52.0 | | |
| 05 10 76 1200 | | | .3 | | 0.710 | 0.078 | 2.720 | 4.600 | 0.260 | 1.540 | 791.0 | 25.0 | | |
| 01 11 76 1145 | | | .3 | | 0.085 | 0.014 | 2.800 | 3.920 | 0.270 | 2.080 | | | | |
| 01 12 76 1335 | | | .3 | | 0.308 | 0.048 | 12.300 | 16.000 | 0.054 | 0.461 | | | | |
| 30 12 76 1255 | | | .3 | | 0.244 | 0.016 | 8.350 | 10.800 | 0.010 | 0.320 | 529.0 | 38.0 | | |
| MAXIMUM | | | | | 1.900 | 0.480 | 19.000 | 22.000 | 2.700 | 2.430 | 1123.0 | 120.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.463 | 0.101 | 5.461 | 7.413 | 0.345 | 1.238 | 670.6 | 56.8 | | |
| MINIMUM | | | | | 0.085 | 0.014 | 0.022 | 0.990 | 0.010 | 0.310 | 506.0 | 25.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 11 | 12 | 12 | 12 | 8 | 8 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 02 76 1315 | | | .3 | | 1750 | 47.00 | 300.0 | | | | | | | |
| 01 03 76 1425 | | | .3 | | 800 | 17.00 | 98.0 | | | | | | | |
| 01 04 76 1230 | | | .3 | | 760 | 17.00 | 79.0 | | | | | | | |
| 03 05 76 1310 | | | .3 | | 800 | 20.00 | 75.0 | | | | | | | |
| 01 06 76 1155 | | | .3 | | 1000 | 9.40 | 120.0 | | | | | | | |
| 09 07 76 1200 | | | .3 | | 860 | 28.00 | 73.0 | | | | | | | |
| 29 07 76 1435 | | | .3 | | 600 | 57.00 | 68.0 | | | | | | | |
| 01 09 76 1030 | | | .3 | | 1200 | 27.00 | 185.0 | | | | | | | |
| 05 10 76 1200 | | | .3 | | 1260 | 18.00 | 170.0 | | | | | | | |
| 01 11 76 1145 | | | .3 | | 980 | 7.20 | 123.0 | | | | | | | |
| 01 12 76 1335 | | | .3 | | 1650 | 26.00 | 220.0 | | | | | | | |
| 30 12 76 1255 | | | .3 | | 880 | 32.00 | 103.0 | | | | | | | |
| MAXIMUM | | | | | 1750 | 57.00 | 300.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1045 | 25.47 | 134.5 | | | | | | | |
| MINIMUM | | | | | 600 | 7.20 | 68.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: MOSSINGTON BRIDGE SUTTON
STATION TYPE: RIVER FLOW GAUGE FED 02ECO12

STATION ID: 03-0077-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO B LAT LONG U.T.M. 17 0631850.0 4908800.0 4 REGION 03 MILEAGE 64.70

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOO |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 02 76 1015 | | | .3 | | 31021 | 4 | 23.70 | 1140. | 240. | 4. | | 3.0 | 12.0 | 1.6 |
| 01 03 76 0935 | | | .3 | | 31037 | 4 | 348.00 | 19500. | 600. | 810. | | 0.5 | 7.0 | 2.4 |
| 01 04 76 1040 | | | .3 | | 31053 | 6 | 369.00 | 300. | 304. | 76. | | 8.0 | 4.0 | 1.0 |
| 03 05 76 1045 | | | .3 | | 31069 | 6 | 115.00 | 500. | 10. | 10. | L | 12.0 | 7.0 | 1.0 |
| 01 06 76 1010 | | | .3 | | 31085 | 6 | 67.60 | 500. | 1. | 68. | | 15.0 | 5.0 | 1.2 |
| 09 07 76 1030 | | | .3 | | 31101 | 8 | 84.70 | 110. | 1. | 1. | | 23.0 | 5.0 | 0.8 |
| 29 07 76 1140 | | | .3 | | 31117 | 8 | 39.00 | 200. | 16. | 4. | | 24.0 | 4.0 | 1.8 |
| 01 09 76 1350 | | | .3 | | 31133 | 7 | 20.30 | | | | | 19.0 | 6.0 | 0.8 |
| 05 10 76 1030 | | | .3 | | 31149 | 8 | 34.00 | 370. | 12. | 0. | | 15.0 | 7.0 | 1.2 |
| 01 11 76 1000 | | | .3 | | 31165 | 6 | 59.80 | 1100. | 48. | 32. | | 4.0 | 7.0 | 1.8 |
| 01 12 76 1035 | | | .3 | | 31181 | 4 | 59.50 | 14000. | 970. | 152. | | 1.0 | 3.0 | 1.6 |
| 30 12 76 1035 | | | .3 | | 31197 | 4 | 29.10 | 1500. | 600. | 84. | | 1.0 | 6.0 | 1.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 02 76 1015 | | | .3 | | 0.055 | 0.028 | 0.400 | 0.730 | 0.011 | 0.770 | 355.0 | 1.6 | | |
| 01 03 76 0935 | | | .3 | | 0.400 | 0.048 | 0.176 | 1.440 | 0.014 | 0.796 | 434.0 | 197.0 | | 237 |
| 01 04 76 1040 | | | .3 | | 0.050 | 0.011 | 0.044 | 0.680 | 0.006 | 0.204 | | 5.6 | | 250 |
| 03 05 76 1045 | | | .3 | | 0.036 | 0.010 | 0.004 | 1.560 | 0.007 | 0.005L | 329.0 | 6.2 | | |
| 01 06 76 1010 | | | .3 | | 0.035 | 0.014 | 0.014 | 0.590 | 0.005 | 0.005L | | | | |
| 09 07 76 1030 | | | .3 | | 0.158 | 0.039 | 0.070 | 1.840 | 0.007 | 0.013 | | | | |
| 29 07 76 1140 | | | .3 | | 0.094 | 0.024 | 0.031 | 1.100 | 0.003 | 0.005L | 276.0 | 9.2 | | |
| 01 09 76 1350 | | | .3 | | 0.080 | 0.052 | 0.136 | 0.940 | 0.004 | 0.005L | 302.0 | 4.1 | | |
| 05 10 76 1030 | | | .3 | | 0.064 | 0.023 | 0.020 | 0.820 | 0.005 | 0.005 | 311.0 | 5.4 | | |
| 01 11 76 1000 | | | .3 | | 0.025 | 0.013 | 0.024 | 0.540 | 0.004 | 0.061 | 325.0 | 2.8 | | |
| 01 12 76 1035 | | | .3 | | 0.096 | 0.054 | 0.164 | 2.200 | 0.007 | 0.338 | 344.0 | 6.0 | | |
| 30 12 76 1035 | | | .3 | | 0.034 | 0.015 | | 7.540 | 0.007 | 0.488 | 403.0 | 2.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 02 76 1015 | | | .3 | | 520 | 3.50 | 24.0 | | | | | | | |
| 01 03 76 0935 | | | .3 | | 365 | 41.00 | 17.0 | | | | | | | |
| 01 04 76 1040 | | | .3 | | 385 | 2.80 | 20.5 | | | | | | | |
| 03 05 76 1045 | | | .3 | | 475 | 3.30 | 21.5 | | | | | | | |
| 01 06 76 1010 | | | .3 | | 425 | 2.70 | 17.0 | | | | | | | |
| 09 07 76 1030 | | | .3 | | 415 | 2.60 | 17.0 | | | | | | | |
| 29 07 76 1140 | | | .3 | | 420 | 2.80 | 15.5 | | | | | | | |
| 01 09 76 1350 | | | .3 | | 450 | 1.60 | 21.0 | | | | | | | |
| 05 10 76 1030 | | | .3 | | 485 | 2.50 | 20.0 | | | | | | | |
| 01 11 76 1000 | | | .3 | | 540 | 1.60 | 22.0 | | | | | | | |
| 01 12 76 1035 | | | .3 | | 560 | 2.50 | 27.5 | | | | | | | |
| 30 12 76 1035 | | | .3 | | 550 | 2.80 | 20.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: BEAVERTON RIVER
SAMPLE POINT: AT FIRST SIDE ROAD WEST OF CANNINGTON
STATION TYPE: RIVER

STATION ID: 03-0077-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 11 | LAT | LONG | U.T.M. 17 0654950.0 4912550.0 4 | REGION 03 | MILEAGE | 73.50 | | | | | | | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 09 01 76 1100 | | | .3 | | 27026 | 4 | | 300. | 30. | 20. | | 0.5 | 9.4 | 2.4 |
| 11 03 76 1215 | | | .3 | | 27091 | 4 | | | | | | 1.5 | 8.0 | 0.8 |
| 15 04 76 1145 | | | .3 | | 27177 | 6 | | 430. | 204. | 24. | | 11.5 | 9.4 | 0.8 |
| 21 05 76 1100 | | | .3 | | 27263 | 5 8 9 | | 230. | 92. | 36. | | 12.5 | 9.9 | 0.6 |
| 23 06 76 1335 | | | .3 | | 27517 | 5 8 | | | | | | 25.5 | 9.7 | 1.0 |
| 21 07 76 1215 | | | .3 | | 27537 | 5 8 | | 1900. | | 48. | | 24.0 | 10.8 | 1.0 |
| 17 08 76 1200 | | | .3 | | 27542 | 5 8 | | 1800. | 1. | 96. | | 20.0 | 9.5 | 1.0 |
| 14 09 76 1115 | | | .3 | | 29562 | 6 | | 580. | 104. | 20. | | 17.3 | 10.8 | 0.6 |
| 12 10 76 1110 | | | .3 | | 29582 | 6 | | 30. | 48. | 40. | | 9.8 | 11.2 | 1.6 |
| 08 11 76 1120 | | | .3 | | 29602 | 6 | | 1800. | 24. | 1. | | 1.7 | 13.8 | 0.5 |
| 09 12 76 1050 | | | .3 | | 27672 | 4 | | 1200. | 16. | 14. | | 0.2 | 12.4 | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 09 01 76 1100 | | | .3 | | 0.055 | 0.012 | 0.450 | 0.910 | 0.025 | 0.770 | 402.0 | 4.0 | | |
| 11 03 76 1215 | | | .3 | | 0.093 | 0.014 | 0.142 | 1.110 | 0.014 | 0.371 | | | | |
| 15 04 76 1145 | | | .3 | | 0.031 | 0.006 | 0.002 | 0.590 | 0.004 | 0.151 | | 5.1 | | 211 |
| 21 05 76 1100 | | | .3 | | 0.023 | 0.003 | 0.002L | 0.640 | 0.004 | 0.151 | | | | |
| 23 06 76 1335 | | | .3 | | 0.067 | 0.028 | | 0.750 | 0.008 | 0.262 | 268.0 | 5.0 | | |
| 21 07 76 1215 | | | .3 | | 0.036 | 0.010 | 0.002 | 0.920 | 0.006 | 0.364 | 424.0 | 4.3 | | |
| 17 08 76 1200 | | | .3 | | 0.028 | 0.009 | 0.017 | 0.620 | 0.004 | 0.136 | 308.0 | 8.7 | | |
| 14 09 76 1115 | | | .3 | | 0.028 | 0.009 | 0.004 | 0.800 | 0.005 | 0.130 | 295.0 | 5.6 | | |
| 12 10 76 1110 | | | .3 | | 0.022 | 0.007 | 0.012 | 0.640 | 0.003 | 0.147 | 271.0 | 3.0 | | |
| 08 11 76 1120 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.500 | 0.002 | 0.133 | 292.0 | 1.9 | | |
| 09 12 76 1050 | | | .3 | | 0.014 | 0.003 | 0.102 | 0.650 | 0.019 | 0.621 | 359.0 | 2.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 09 01 76 1100 | | | .3 | | 600 | 2.00 | 20.5 | | | | | | | |
| 11 03 76 1215 | | | .3 | | 440 | 1.10 | 20.5 | | | | | | | |
| 15 04 76 1145 | | | .3 | | 325 | 1.70 | 10.5 | | | | | | | |
| 21 05 76 1100 | | | .3 | | 420 | 1.40 | 14.5 | | | | | | | |
| 23 06 76 1335 | | | .3 | | 405 | 2.40 | 16.0 | | | | | | | |
| 21 07 76 1215 | | | .3 | | 430 | 2.70 | 15.5 | | | | | | | |
| 17 08 76 1200 | | | .3 | | 430 | 3.00 | 13.5 | | | | | | | |
| 14 09 76 1115 | | | .3 | | 440 | 2.40 | 14.0 | | | | | | | |
| 12 10 76 1110 | | | .3 | | 475 | 1.40 | 14.5 | | | | | | | |
| 08 11 76 1120 | | | .3 | | 465 | 1.40 | 16.0 | | | | | | | |
| 09 12 76 1050 | | | .3 | | 580 | 2.50 | 20.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: CANAL LAKE OUTLET
SAMPLE POINT: BRIDGE. BOLSOVER
STATION TYPE: RIVER

STATION ID: 03-0077-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 12 | LAT | LONG | U.T.M. 17 0652900.0 4932750.0 4 | | | | | | | REGION 03 | MILEAGE | 64.90 | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 09 01 76 0920 | | | .3 | | 27023 | 4 | | 4. | 1. | 8. | | 1.0 | 10.4 | 3.4 |
| 11 03 76 1100 | | | .3 | | 27088 | 6 | | | | | | 1.4 | 4.8 | 1.4 |
| 15 04 76 1015 | | | .3 | | 27174 | 6 | | 1. | 1. | 1. | | 8.0 | 9.6 | 0.6 |
| 21 05 76 0945 | | | .3 | | 27260 | 6 | | 10. L | 1. | 8. | | 11.2 | 9.1 | 0.4 |
| 23 06 76 1030 | | | .3 | | 27514 | 6 | | | | | | 25.0 | 9.3 | 0.4 |
| 21 07 76 1015 | | | .3 | | 27534 | 6 | | 80. | | 4. | | 23.0 | 8.4 | 1.0 |
| 17 08 76 1410 | | | .3 | | 27545 | 6 | | 100. | 1. | 10. | | 22.8 | 10.4 | 1.2 |
| 14 09 76 1410 | | | .3 | | 29565 | 6 | | 100. L | 1. | 1. | | 19.0 | 12.1 | 0.8 |
| 12 10 76 1400 | | | .3 | | 29585 | 6 9 | | 10. L | 2. | 1. | | 11.7 | 11.7 | 1.6 |
| 08 11 76 1415 | | | .3 | | 29605 | 6 | | 1. | 2. | 1. | | 1.0 | 15.2 | 1.3 |
| 09 12 76 0925 | | | .3 | | 27669 | 4 | | 10. L | 10. L | 4. L | | 0.1 | 16.2 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

77

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 | 01 | 76 | 0920 | | | .3 | | 0.023 | 0.001L | 0.010 | 0.480 | 0.003 | 0.110 | 229.0 | 8.0 | | 221 |
| 11 | 03 | 76 | 1100 | | | .3 | | 0.015 | 0.002 | 0.032 | 0.430 | 0.007 | 0.238 | | | | |
| 15 | 04 | 76 | 1015 | | | .3 | | 0.017 | 0.002L | 0.006 | 0.300 | 0.002 | 0.003 | 156.0 | 3.3 | | |
| 21 | 05 | 76 | 0945 | | | .3 | | 0.015 | 0.001 | 0.008 | 0.350 | 0.001 | 0.005L | | | | |
| 23 | 06 | 76 | 1030 | | | .3 | | 0.027 | 0.002 | 0.020 | 0.570 | 0.003 | 0.005L | 119.0 | 2.0 | | |
| 21 | 07 | 76 | 1015 | | | .3 | | 0.030 | 0.001 | 0.006 | 0.530 | 0.001L | 0.005L | 137.0 | 4.0 | | |
| 17 | 08 | 76 | 1410 | | | .3 | | 0.046 | 0.002 | 0.021 | 0.620 | 0.001 | 0.005L | 137.0 | 4.4 | | |
| 14 | 09 | 76 | 1410 | | | .3 | | 0.028 | 0.003 | 0.006 | 0.560 | 0.001 | 0.005L | 132.0 | 4.7 | | |
| 12 | 10 | 76 | 1400 | | | .3 | | 0.018 | 0.002 | 0.002L | 0.440 | 0.001 | 0.005L | 137.0 | 1.7 | | |
| 08 | 11 | 76 | 1415 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.380 | 0.001L | 0.005 | 145.0 | 1.8 | | |
| 09 | 12 | 76 | 0925 | | | .3 | | 0.020 | 0.002 | 0.004 | 0.480 | 0.001 | 0.005L | 226.0 | 8.1 | | |
| MAXIMUM | | | | | | | | 0.046 | 0.003 | 0.032 | 0.620 | 0.007 | 0.238 | 229.0 | 8.1 | | 221 |
| AVG OR GEOM MN (*) | | | | | | | | 0.023 | 0.002D | 0.011D | 0.467 | 0.002D | 0.036D | 157.6 | 4.2 | | 221 |
| MINIMUM | | | | | | | | 0.012 | 0.001 | 0.002 | 0.300 | 0.001 | 0.003 | 119.0 | 1.7 | | 221 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 | 01 | 76 | 0920 | | | .3 | | 340 | 3.00 | 5.2 | | | | | | | |
| 11 | 03 | 76 | 1100 | | | .3 | | 400 | 1.00 | 5.6 | | | | | | | |
| 15 | 04 | 76 | 1015 | | | .3 | | 240 | 2.40 | 2.6 | | | | | | | |
| 21 | 05 | 76 | 0945 | | | .3 | | 260 | 0.95 | 3.5 | | | | | | | |
| 23 | 06 | 76 | 1030 | | | .3 | | 180 | 2.20 | 3.7 | | | | | | | |
| 21 | 07 | 76 | 1015 | | | .3 | | 205 | 2.30 | 4.1 | | | | | | | |
| 17 | 08 | 76 | 1410 | | | .3 | | 205 | 3.10 | 4.1 | | | | | | | |
| 14 | 09 | 76 | 1410 | | | .3 | | 195 | 2.00 | 4.3 | | | | | | | |
| 12 | 10 | 76 | 1400 | | | .3 | | 210 | 1.20 | 3.8 | | | | | | | |
| 08 | 11 | 76 | 1415 | | | .3 | | 220 | 1.50 | 4.2 | | | | | | | |
| 09 | 12 | 76 | 0925 | | | .3 | | 335 | 2.00 | 5.6 | | | | | | | |
| MAXIMUM | | | | | | | | 400 | 3.10 | 5.6 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 254 | 1.97 | 4.2 | | | | | | | |
| MINIMUM | | | | | | | | 180 | 0.95 | 2.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: SEVERN RIVER
SAMPLE POINT: AT MAIN LOCK DAM PORT SEVERN
STATION TYPE: RIVER

STATION ID: 03-0077-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 13 | LAT | LONG | U.T.M. | 17 | 0601175.0 | 4961750.0 | 4 | REGION | 03 | | | | | | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 08 | 01 | 76 | 1100 | | | .3 | | 27017 | 6 | | 10. L | 1. L | 1. L | | 0.0 | 6.6 | 1.8 |
| 10 | 03 | 76 | 1448 | | | .3 | | 27083 | 6 | | | | | | 1.0 | 10.7 | 0.2 |
| 14 | 04 | 76 | 1430 | | | .3 | | 27168 | 6 | | 370. | 48. | 1. | | 6.5 | 10.4 | 1.8 |
| 20 | 05 | 76 | 1540 | | | .3 | | 27250 | 6 | | 10. L | 10. L | 10. L | | 12.5 | 9.1 | 0.6 |
| | | | 2040 | | | .3 | | 27257 | 6 | | 10. L | 1. L | 4. L | | 12.2 | 9.2 | 0.8 |
| 23 | 06 | 76 | 1600 | | | .3 | | 27320 | 7 6 9 | | 20. | | 1. | | 24.0 | 8.0 | 0.6 |
| 20 | 07 | 76 | 1330 | | | .3 | | 27343 | 6 8 | | 140. | | 4. | | 21.5 | 9.0 | 0.4 |
| 19 | 08 | 76 | 1430 | | | .3 | | 27406 | 6 8 | | | | | | 23.0 | 12.8 | 1.4 |
| 15 | 09 | 76 | 1315 | | | .3 | | 27479 | 6 8 9 | | 1160. | 1. | 1. | | 19.0 | 12.2 | 0.4 |
| 21 | 10 | 76 | 1630 | | | .3 | | 27542 | 6 | | 10. | 1. | 1. | | 8.0 | 10.4 | 1.8 |
| 09 | 11 | 76 | 1645 | | | .3 | | 27599 | 6 | | 80. | 4. | 2. | | 1.0 | 11.9 | 0.7 |
| 08 | 12 | 76 | 1445 | | | .3 | | 27663 | 4 | | 16. | 2. L | 2. L | | 0.5 | 14.9 | 1.0 |
| MAXIMUM | | | | | | | | | | | 1160. | 48. | 10. | | 24.0 | 14.9 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 42.* D | 3.* D | 2.* D | | 10.8 | 10.4 | 1.0 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 6.6 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 08 | 01 | 76 | 1100 | | | .3 | | 0.010 | 0.002 | 0.030 | 0.350 | 0.003 | 0.050 | 116.0 | 2.0 | | 114 |
| 10 | 03 | 76 | 1448 | | | .3 | | 0.021 | 0.003 | 0.052 | 0.440 | 0.003 | 0.087 | 139.0 | 2.2 | | 137 |
| 14 | 04 | 76 | 1430 | | | .3 | | 0.015 | 0.004 | 0.054 | 0.480 | 0.005 | 0.110 | | 1.8 | | 59 |
| 20 | 05 | 76 | 1540 | | | .3 | | 0.013 | 0.001 | 0.016 | 0.330 | 0.003 | 0.067 | 120.0 | 3.3 | | 117 |
| | | | 2040 | | | .3 | | 0.018 | 0.004 | 0.024 | 0.330 | 0.003 | 0.057 | 119.0 | 1.8 | | 117 |
| 23 | 06 | 76 | 1600 | | | .3 | | 0.039 | 0.002 | 0.004 | 0.380 | 0.001L | 0.010 | 142.0 | 1.6 | | 140 |
| 20 | 07 | 76 | 1330 | | | .3 | | 0.011 | 0.001 | 0.006 | 0.360 | 0.001 | 0.005L | 154.0 | 0.6 | | 153 |
| 19 | 08 | 76 | 1430 | | | .3 | | 0.018 | 0.001L | 0.062 | 0.510 | 0.002 | 0.005L | 159.0 | 2.0 | 157 | 159 |
| 15 | 09 | 76 | 1315 | | | .3 | | | | | | | | 164.0 | 1.1 | | 163 |
| 21 | 10 | 76 | 1630 | | | .3 | | 0.009 | 0.001 | 0.006 | 0.360 | 0.001L | 0.005L | 165.0 | 2.2 | | 163 |
| 09 | 11 | 76 | 1645 | | | .3 | | 0.008 | 0.005 | 0.008 | 0.390 | 0.002 | 1.300 | 247.0 | 2.0 | 245 | |
| 08 | 12 | 76 | 1445 | | | .3 | | 0.009 | 0.002 | 0.018 | 0.360 | 0.001 | 0.014 | 158.0 | 1.7 | | 156 |
| MAXIMUM | | | | | | | | 0.039 | 0.005 | 0.062 | 0.510 | 0.005 | 1.300 | 247.0 | 3.3 | 245 | 163 |
| AVG OR GEOM MN (*) | | | | | | | | 0.016 | 0.002D | 0.025 | 0.390 | 0.002D | 0.155D | 153.0 | 1.9 | 201 | 134 |
| MINIMUM | | | | | | | | 0.008 | 0.001 | 0.004 | 0.330 | 0.001 | 0.005 | 116.0 | 0.6 | 157 | 59 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 2 | 11 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1100 | | | .3 | | 175 | 1.80 | 20.5 | | | | | | | |
| 10 | 03 | 76 | 1448 | | | .3 | | 210 | 1.80 | 83.0 | | | | | | | |
| 14 | 04 | 76 | 1430 | | | .3 | | 90 | 1.80 | 3.1 | | | | | | | |
| 20 | 05 | 76 | 1540 | | | .3 | | 180 | 1.10 | 5.9 | | | | | | | |
| | | | 2040 | | | .3 | | 180 | 1.30 | 6.1 | 12.5 | 0.65 | | | 8.04 | | 0.120 |
| 23 | 06 | 76 | 1600 | | | .3 | | 216 | 0.80 | 8.6 | 15.5 | 2.00 | | | 8.46 | | 0.030 |
| 20 | 07 | 76 | 1330 | | | .3 | | 234 | 1.00 | 9.5 | 17.0 | 0.40 | | | 8.33 | | 0.050 |
| 19 | 08 | 76 | 1430 | | | .3 | | 245 | 0.90 | 10.5 | 20.0 | 0.65 | | | 8.33 | | 0.030 |
| 15 | 09 | 76 | 1315 | | | .3 | | 250 | 0.75 | | | | | | 8.25 | | |
| 21 | 10 | 76 | 1630 | | | .3 | | 250 | 1.40 | 11.5 | 19.5 | 0.65 | | | 7.82 | | 0.040 |
| 09 | 11 | 76 | 1645 | | | .3 | | 415 | 1.00 | 4.8 | 15.5 | 4.55 | | | 8.27 | | 0.070 |
| 08 | 12 | 76 | 1445 | | | .3 | | 240 | 1.60 | 11.0 | 17.5 | 0.95 | | | 7.93 | | 0.080 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 415 | 1.80 | 83.0 | 20.0 | 4.55 | | | 8.46 | | 0.120 |
| AVG OR GEOM MN (*) | | | | | | | | 224 | 1.27 | 15.9 | 16.8 | 1.41 | | | 8.18 | | 0.060 |
| MINIMUM | | | | | | | | 90 | 0.75 | 3.1 | 12.5 | 0.40 | | | 7.82 | | 0.030 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | 7 | 7 | | | 8 | | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 08 | 01 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 1448 | | | .3 | | | | | | | | | | | |
| 14 | 04 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 1540 | | | .3 | | | | | | | | | | | |
| | | | 2040 | | | .3 | | 1.0L | | | | | | | 24 | 10 | |
| 23 | 06 | 76 | 1600 | | | .3 | | 1.0L | | | | | | | 6 | 16 | |
| 20 | 07 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | 6 | 20 | |
| 19 | 08 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | 6 | 12 | |
| 15 | 09 | 76 | 1315 | | | .3 | | 1.0L | | | | | | | 7 | 10L | 0 |
| 21 | 10 | 76 | 1630 | | | .3 | | 1.0L | | | | | | | 4 | 10L | |
| 09 | 11 | 76 | 1645 | | | .3 | | 1.0L | | | | | | | 6 | 15 | |
| 08 | 12 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | 7 | 20 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|----|-----|---|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | 24 | 20 | 0 |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | | | | | | | 8 | 140 | 0 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 4 | 10 | 0 |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 8 | 8 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 05 | 76 | 2040 | | | .3 | | | 0.050L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.040 | | 0.010L |
| 15 | 09 | 76 | 1315 | | | .3 | 0.001L | | 0.020L | | 0.040 | 0.010L | 0.010L | 0.010L | 0.010L | | 0.020 |
| 08 | 12 | 76 | 1445 | | | .3 | 0.001 | 0.030 | | | 0.020L | 0.020 | 0.010L | 0.005L | 0.020 | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.050 | | 0.040 | 0.020 | 0.010 | 0.010 | 0.040 | | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.033D | | 0.023D | 0.013D | 0.010D | 0.008D | 0.023D | | 0.013D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 2 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: UXBRIDGE BROOK
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF UXBRIDGE STP
STATION TYPE: RIVER FLOW GAUGE FED 02EC101

STATION ID: 03-0077-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO 14 LAT LONG U.T.M. 17 0650200.0 4886875.0 4 REGION 03 MILEAGE 84.30

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 09 | 01 | 76 | 1205 | | | .3 | | 27028 | 4 | 8.80 | 1600. | 10. | 840. | | 0.0 | 10.5 | 4.2 |
| 11 | 03 | 76 | 1400 | | | .3 | | 27093 | 4 | 12.30 | | | | | 3.5 | 9.2 | 3.2 |
| 15 | 04 | 76 | 1305 | | | .3 | | 27179 | 6 | 15.70 | 1500. G | 600. G | 600. G | | 11.0 | 8.7 | 1.0 |
| 21 | 05 | 76 | 1305 | | | .3 | | 27265 | 6 | 12.70 | 1500. G | 472. | 1280. | | 12.0 | 8.9 | 3.4 |
| 23 | 06 | 76 | 1445 | | | .3 | | 27519 | 6 | 12.80 | | | | | 24.2 | 8.9 | 0.8 |
| 21 | 07 | 76 | 1550 | | | .3 | | 27539 | 6 | 9.10 | 12000. | | 152. | | 23.9 | 9.2 | 0.6 |
| 17 | 08 | 76 | 0950 | | | .3 | | 27540 | 6 | 14.50 | 2000. | 1. | 44. | | 19.0 | 9.2 | 1.2 |
| 14 | 09 | 76 | 0950 | | | .3 | | 29560 | 6 | 10.70 | 10100. | 312. | 368. | | 17.2 | 11.2 | 1.4 |
| 12 | 10 | 76 | 0950 | | | .3 | | 29580 | 6 | 10.70 | 200. | 70. | 44. | | 10.2 | 11.8 | 1.2 |
| 08 | 11 | 76 | 1000 | | | .3 | | 29600 | 6 | 10.90 | 2700. | 600. | 512. | | 4.0 | 13.9 | 0.9 |
| 09 | 12 | 76 | 1310 | | | .3 | | 27674 | 4 | 11.20 | 9100. | 150. | 740. | | 0.5 | 16.4 | 5.5 |

| | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|----------|--------|---------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 15.70 | 12000. | 600. | 1280. | | 24.2 | 16.4 | 5.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 11.76 | 2533.* U | 93.* U | 310.* U | | 11.4 | 10.7 | 2.1 |
| MINIMUM | | | | | | | | | | | 8.80 | 200. | 1. | 44. | | 0.0 | 8.7 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 8 | 9 | | 11 | 11 | 11 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 | 01 | 76 | 1205 | | .3 | | 0.230 | 0.062 | 1.300 | 2.000 | 0.022 | 0.810 | 394.0 | 16.0 | | |
| 11 | 03 | 76 | 1400 | | .3 | | 0.170 | 0.064 | 0.010 | 1.400 | 0.009 | 0.711 | | | | |
| 15 | 04 | 76 | 1305 | | .3 | | 0.073 | 0.005 | 0.026 | 0.800 | 0.005 | 0.050 | 300.0 | 4.4 | | |
| 21 | 05 | 76 | 1305 | | .3 | | 0.131 | 0.049 | 0.560 | 1.310 | 0.055 | 0.455 | | | | |
| 23 | 06 | 76 | 1445 | | .3 | | 0.044 | 0.001 | 0.006 | 0.470 | 0.005 | 0.045 | 246.0 | 11.0 | | |
| 21 | 07 | 76 | 1550 | | .3 | | 0.104 | 0.010 | 0.086 | 0.540 | 0.018 | 0.302 | 427.0 | 87.0 | | |
| 17 | 08 | 76 | 0950 | | .3 | | 0.084 | 0.006 | 0.063 | 0.520 | 0.007 | 0.213 | 265.0 | 34.0 | | |
| 14 | 09 | 76 | 0950 | | .3 | | 0.060 | 0.010 | 0.013 | 0.400 | 0.014 | 1.390 | 422.0 | 29.0 | | |
| 12 | 10 | 76 | 0950 | | .3 | | 0.019 | 0.007 | 0.032 | 0.200 | 0.004 | 0.256 | 233.0 | 6.1 | | |
| 08 | 11 | 76 | 1000 | | .3 | | 0.132 | 0.006 | 0.038 | 0.600 | 0.004 | 0.231 | 315.0 | 55.0 | | |
| 09 | 12 | 76 | 1310 | | .3 | | 0.198 | 0.065 | 0.850 | 1.950 | 0.013 | 0.582 | 330.0 | 46.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.230 0.065 1.300 2.000 0.055 1.390 427.0 87.0
0.113 0.026 0.271 0.926 0.014 0.459 325.8 32.1
0.019 0.001 0.006 0.200 0.004 0.045 233.0 4.4

NO OF SAMPLES

11 11 11 11 11 11 9 9

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 | 01 | 76 | 1205 | | .3 | | 480 | 6.20 | 22.5 | | | | | | | |
| 11 | 03 | 76 | 1400 | | .3 | | 500 | 3.00 | 37.5 | | | | | | | |
| 15 | 04 | 76 | 1305 | | .3 | | 425 | 1.70 | 18.5 | | | | | | | |
| 21 | 05 | 76 | 1305 | | .3 | | 485 | 2.40 | 27.0 | | | | | | | |
| 23 | 06 | 76 | 1445 | | .3 | | 363 | 3.00 | 5.4 | | | | | | | |
| 21 | 07 | 76 | 1550 | | .3 | | 425 | 21.00 | 17.5 | | | | | | | |
| 17 | 08 | 76 | 0950 | | .3 | | 355 | 5.90 | 5.5 | | | | | | | |
| 14 | 09 | 76 | 0950 | | .3 | | 640 | 8.00 | 96.0 | | | | | | | |
| 12 | 10 | 76 | 0950 | | .3 | | 420 | 2.20 | 7.5 | | | | | | | |
| 08 | 11 | 76 | 1000 | | .3 | | 400 | 22.00 | 6.9 | | | | | | | |
| 09 | 12 | 76 | 1310 | | .3 | | 470 | 7.80 | 20.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

640 22.00 96.0
451 7.56 24.0
355 1.70 5.4

NO OF SAMPLES

11 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 09 | 01 | 76 | 1205 | | .3 | | | | | 0.020L | 0.010 | 0.010 | | 0.040 | | |
| 15 | 04 | 76 | 1305 | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.010L | | |
| 23 | 06 | 76 | 1445 | | .3 | | | | | | 0.010L | 0.010L | | 0.010L | | |
| 17 | 08 | 76 | 0950 | | .3 | | | | | 0.010L | 0.060 | | | 0.020 | | 0.010L |
| 14 | 09 | 76 | 0950 | | .3 | | | | | 0.010 | 0.010 | 0.020 | | 0.090 | | 0.010L |
| 12 | 10 | 76 | 0950 | | .3 | | | | | 0.010L | 0.010L | 0.010L | | 0.010L | | |
| 08 | 11 | 76 | 1000 | | .3 | | | | | 0.010L | 0.010L | 0.020 | | 0.020 | | |
| 09 | 12 | 76 | 1310 | | .3 | | | | | 0.020 | 0.010 | | | 0.010 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.020 0.060 0.020
0.0140 0.0160 0.0140
0.010 0.010 0.010

NO OF SAMPLES

7 8 5 8 2

B.O.W./ SITE: SCHOMBERG RIVER
SAMPLE POINT: SECOND ROAD EAST OF HIGHWAY 400
STATION TYPE: RIVER

STATION ID: 03-0077-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO 15 LAT LONG U.T.M. 17 0615000.0 4880750.0 4 REGION 03 MILEAGE 85.30

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 02 | 76 | 1530 | | .3 | | 31032 | 4 | | 100. | 10. | 20. | | 1.0 | 5.0 | 12.0 |
| 01 | 03 | 76 | 1600 | | .3 | | 31048 | 4 | | 700. | | 40. | | 1.0 | 3.0 | 3.2 |
| 01 | 04 | 76 | 1400 | | .3 | | 31064 | 6 | | 3900. | 290. | 120. | | 8.0 | 3.0 | 1.4 |
| 03 | 05 | 76 | 1450 | | .3 | | 31080 | 6 | | 1. | 1. | 90. | | 9.5 | 6.0 | 10.0 |
| 01 | 06 | 76 | 1325 | | .3 | | 31096 | 9 | | 500. | 10. | 210. | | 18.0 | 3.0 | 5.5 |
| 09 | 07 | 76 | 1340 | | .3 | | 31112 | 7 5 9 | | 170. | 30. | 10. | | 24.0 | 5.0 | 20.0 |
| 29 | 07 | 76 | 1540 | | .3 | | 31128 | 7 5 | | 1500. | 600. | 380. | | 21.0 | 3.0 | |
| 01 | 09 | 76 | 0955 | | .3 | | 31144 | 7 5 | | | | | | 15.0 | 3.0 | 4.8 |
| 05 | 10 | 76 | 1345 | | .3 | | 31160 | 7 5 | | 700. | 100. | 60. | | 17.0 | 5.0 | 9.6 |
| 01 | 11 | 76 | 1335 | | .3 | | 31176 | 7 5 | | 1000. | 10. | 10. | | 3.0 | 4.0 | 2.4 |
| 01 | 12 | 76 | 1505 | | .3 | | 31192 | 4 9 | | | | | | 1.0 | 3.0 | 6.5 |
| 30 | 12 | 76 | 1415 | | .3 | | 31208 | 4 | | 10. | 10. | 10. | | 1.0 | 4.0 | 7.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

3900. 600. 380.
218.* D 24.* E 46.* D
1. 1. 10.

NO OF SAMPLES

10 10 10 12 12 11

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 02 | 76 | 1530 | | | .3 | | 0.830 | 0.460 | 0.600 | 3.420 | 0.015 | 0.250 | 586.0 | 23.0 | | |
| 01 | 03 | 76 | 1600 | | | .3 | | 1.000 | 0.070 | 0.390 | 2.750 | 0.023 | 0.637 | 131.0 | 72.0 | | 59 |
| 01 | 04 | 76 | 1400 | | | .3 | | 0.940 | 0.930 | 0.500 | 1.940 | 0.067 | 7.590 | 703.0 | 7.0 | | |
| 03 | 05 | 76 | 1450 | | | .3 | | 0.680 | 0.140 | 0.088 | 3.500 | 0.053 | 0.842 | 747.0 | 55.0 | | |
| 01 | 06 | 76 | 1325 | | | .3 | | 1.850 | 1.650 | 3.100 | 4.900 | 0.020 | 0.020 | | | | |
| 09 | 07 | 76 | 1340 | | | .3 | | 1.930 | 0.820 | 2.000 | 8.250 | 0.200 | 0.310 | | | | |
| 29 | 07 | 76 | 1540 | | | .3 | | 0.256 | 0.100 | | 3.920 | 0.007 | 0.005L | 423.0 | 19.0 | | |
| 01 | 09 | 76 | 0955 | | | .3 | | 0.500 | 0.500 | 0.244 | 1.900 | 0.280 | 0.100 | 463.0 | 13.0 | | |
| 05 | 10 | 76 | 1345 | | | .3 | | 0.490 | 0.091 | 0.002 | 3.550 | 0.002 | 0.005L | 506.0 | 31.0 | | |
| 01 | 11 | 76 | 1335 | | | .3 | | 0.270 | 0.200 | 0.450 | 1.750 | 0.073 | 2.010 | | | | |
| 01 | 12 | 76 | 1505 | | | .3 | | 0.805 | 0.350 | 1.100 | 1.600 | 0.017 | 0.398 | | | | |
| 30 | 12 | 76 | 1415 | | | .3 | | 1.160 | 0.890 | 1.720 | 5.200 | 0.011 | 0.204 | 729.0 | 14.0 | | |
| MAXIMUM | | | | | | | | 1.930 | 1.650 | 3.100 | 8.250 | 0.280 | 7.590 | 747.0 | 72.0 | | 59 |
| AVG OR GEOM MN (-) | | | | | | | | 0.893 | 0.517 | 0.927 | 3.557 | 0.064 | 1.031D | 536.0 | 29.3 | | 59 |
| MINIMUM | | | | | | | | 0.256 | 0.070 | 0.002 | 1.600 | 0.002 | 0.005 | 131.0 | 7.0 | | 59 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | 12 | 12 | 12 | 8 | 8 | | 1 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHGS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 | 02 | 76 | 1530 | | | .3 | | 840 | 6.30 | 48.0 | | | | | | | |
| 01 | 03 | 76 | 1600 | | | .3 | | 88 | 13.00 | 2.5 | | | | | | | |
| 01 | 04 | 76 | 1400 | | | .3 | | 860 | 2.90 | 72.0 | | | | | | | |
| 03 | 05 | 76 | 1450 | | | .3 | | 900 | 15.00 | 75.0 | | | | | | | |
| 01 | 06 | 76 | 1325 | | | .3 | | 800 | 5.60 | 70.0 | | | | | | | |
| 09 | 07 | 76 | 1340 | | | .3 | | 740 | 22.00 | 63.0 | | | | | | | |
| 29 | 07 | 76 | 1540 | | | .3 | | 600 | 5.80 | 41.5 | | | | | | | |
| 01 | 09 | 76 | 0955 | | | .3 | | 680 | 4.40 | | | | | | | | |
| 05 | 10 | 76 | 1345 | | | .3 | | 750 | 6.50 | 67.5 | | | | | | | |
| 01 | 11 | 76 | 1335 | | | .3 | | 900 | 3.00 | 68.0 | | | | | | | |
| 01 | 12 | 76 | 1505 | | | .3 | | 920 | 22.00 | 58.0 | | | | | | | |
| 30 | 12 | 76 | 1415 | | | .3 | | 1070 | 3.20 | 68.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1070 | 22.00 | 75.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 762 | 9.14 | 57.6 | | | | | | | |
| MINIMUM | | | | | | | | 88 | 2.90 | 2.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | | | | | | | |

B.O.W./ SITE: SCHOMBERG RIVER
SAMPLE POINT: SECOND ROAD WEST OF HIGHWAY 400
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-016-02

STORET CODE: 02
002
2720

STN NO 16 LAT LONG U.T.M. 17 0610500.0 4875650.0 4 REGION 03 MILEAGE 91.00

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 02 | 76 | 1410 | | | .3 | | 31030 | 4 | | 7500. | 870. | 20. | | 1.0 | 4.0 | 2.0 |
| 01 | 03 | 76 | 1520 | | | .3 | | 31046 | 4 | | 270. | 4. | 324. | | 1.0 | 8.0 | 0.6 |
| 01 | 04 | 76 | 1330 | | | .3 | | 31062 | 6 | | 32000. | 392. | 604. | | 8.0 | 2.0 | 1.2 |
| 03 | 05 | 76 | 1415 | | | .3 | | 31078 | 5 | | 100. | 10. | 10. | | 10.5 | 18.0 | 2.4 |
| 01 | 06 | 76 | 1300 | | | .3 | | 31094 | 0 5 | | 200. | 1. | 36. | | 18.0 | 4.0 | 2.2 |
| 09 | 07 | 76 | 1310 | | | .3 | | 31110 | 5 0 | | 90. | 4. | 48. | | 24.0 | 3.0 | 1.0 |
| 29 | 07 | 76 | 1520 | | | .3 | | 31126 | 0 5 | | 15000. | G 72. | 1480. | | 22.0 | 2.0 | 7.0 |
| 01 | 09 | 76 | 0905 | | | .3 | | 31142 | 0 9 5 | | | | | | 14.0 | 1.3 | 1.2 |
| 05 | 10 | 76 | 1300 | | | .3 | | 31158 | 0 9 5 | | 300. | 8. | 0. | | 15.0 | 3.0 | 2.2 |
| 01 | 11 | 76 | 1315 | | | .3 | | 31174 | 0 9 5 | | 4900. | 76. | 148. | | 5.0 | 0.8 | 1.3 |
| 01 | 12 | 76 | 1435 | | | .3 | | 31190 | 4 0 9 | | 700. | 12. | 8. | | 1.5 | 4.0 | 3.5 |
| 30 | 12 | 76 | 1335 | | | .3 | | 31206 | 4 | | 300. | 10. | 30. | | 1.0 | 2.0 | 5.0 |
| MAXIMUM | | | | | | | | | | | 32000. | 870. | 1480. | | 24.0 | 18.0 | 7.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 946.* U | 21.* D | 49.* D | | 10.1 | 4.3 | 2.5 |
| MINIMUM | | | | | | | | | | | 90. | 1. | 0. | | 1.0 | 0.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 02 | 76 | 1410 | | | .3 | | 0.170 | 0.006 | 0.980 | 1.900 | 0.013 | 0.010 | 456.0 | 18.0 | | |
| 01 | 03 | 76 | 1520 | | | .3 | | 0.450 | 0.205 | 0.880 | 2.000 | 0.082 | 5.920 | 476.0 | 7.2 | | |
| 01 | 04 | 76 | 1330 | | | .3 | | 0.220 | 0.180 | 0.780 | 1.680 | 0.048 | 6.850 | 562.0 | 6.3 | | |
| 03 | 05 | 76 | 1415 | | | .3 | | 0.098 | 0.002 | 0.222 | 5.700 | 0.020 | 0.460 | 511.0 | 19.0 | | |
| 01 | 06 | 76 | 1300 | | | .3 | | 0.160 | 0.023 | 0.500 | 2.050 | 0.010 | 0.045 | | | | |
| 09 | 07 | 76 | 1310 | | | .3 | | 0.082 | 0.028 | 0.186 | 1.820 | 0.080 | 1.720 | | | | |
| 29 | 07 | 76 | 1520 | | | .3 | | 0.485 | 0.029 | 0.100 | 1.500 | 0.003 | 0.005L | 371.0 | 21.0 | | |
| 01 | 09 | 76 | 0905 | | | .3 | | 0.170 | 0.043 | 0.118 | 0.900 | 0.020 | 0.005L | 391.0 | 13.0 | | |
| 05 | 10 | 76 | 1300 | | | .3 | | 0.085 | 0.007 | 0.390 | 1.050 | 0.025 | 0.215 | 430.0 | 15.0 | | |
| 01 | 11 | 76 | 1315 | | | .3 | | 0.099 | 0.040 | 1.170 | 1.170 | 0.014 | 1.030 | | | | |
| 01 | 12 | 76 | 1435 | | | .3 | | 0.128 | 0.011 | 1.160 | 5.000 | 0.009 | 0.571 | | | | |
| 30 | 12 | 76 | 1335 | | | .3 | | 0.480 | 0.012 | 2.300 | 5.620 | 0.002 | 0.005L | 532.0 | 44.0 | | |
| MAXIMUM | | | | | | | | 0.485 | 0.205 | 2.300 | 5.700 | 0.082 | 6.850 | 562.0 | 44.0 | | |
| AVG OR GEOM MN (-) | | | | | | | | 0.219 | 0.049 | 0.692 | 2.533 | 0.027 | 1.403D | 466.1 | 17.9 | | |
| MINIMUM | | | | | | | | 0.082 | 0.002 | 0.100 | 0.900 | 0.002 | 0.005 | 371.0 | 6.3 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | 12 | 12 | 12 | 8 | 8 | | |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 02 76 1410 | | | .3 | 680 | 18.00 | 36.5 | | | | | | | |
| 01 03 76 1520 | | | .3 | 660 | 8.3 | 40.0 | | | | | | | |
| 01 04 76 1330 | | | .3 | 740 | 7.4 | 46.5 | | | | | | | |
| 03 05 76 1415 | | | .3 | 650 | 15.00 | 38.5 | | | | | | | |
| 01 06 76 1300 | | | .3 | 600 | 5.40 | 31.0 | | | | | | | |
| 09 07 76 1310 | | | .3 | 780 | 2.20 | 49.0 | | | | | | | |
| 29 07 76 1520 | | | .3 | 570 | 7.00 | 36.0 | | | | | | | |
| 01 09 76 0905 | | | .3 | 620 | 0.62 | 38.0 | | | | | | | |
| 05 10 76 1300 | | | .3 | 670 | 4.60 | 39.5 | | | | | | | |
| 01 11 76 1315 | | | .3 | 750 | 5.60 | 41.5 | | | | | | | |
| 01 12 76 1435 | | | .3 | 840 | 7.00 | 48.0 | | | | | | | |
| 30 12 76 1335 | | | .3 | 740 | 98.00 | 38.0 | | | | | | | |
| MAXIMUM | | | | 840 | 98.00 | 49.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | 692 | 14.93 | 40.2 | | | | | | | |
| MINIMUM | | | | 570 | 0.62 | 31.0 | | | | | | | |
| NO OF SAMPLES | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: DRAINAGE CANAL

SAMPLE POINT: UPSTREAM FROM PUMPING STATION NORTH WEST END

STATION TYPE: RIVER

STATION ID: 03-0077-017-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 17 | LAT | LONG | U.T.M. 17 0610600.0 4877975.0 4 | | | | | | REGION 03 | MILEAGE | 88.10 | |
|--------------------|------|-----------|------|---------------------------------|-----|----------|-----------|----------|----------|-----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 02 76 1450 | | | .3 | 31031 | 4 | | 2100. | 120. | 10. L | | 2.0 | 6.0 | 1.4 |
| 01 03 76 1530 | | | .3 | 31047 | 4 | | 1270. | 108. | 180. | | 1.0 | 3.0 | 0.6 |
| 01 04 76 1345 | | | .3 | 31063 | 6 | | 22000. | 304. | 116. | | 8.0 | 4.0 | 1.4 |
| 03 05 76 1430 | | | .3 | 31079 | 6 | | 3300. | 10. L | 10. | | 11.0 | 9.0 | 1.2 |
| 01 06 76 1305 | | | .3 | 31095 | 9 | | 600. | 1. | 32. | | 18.0 | 6.0 | 1.5 |
| 09 07 76 1325 | | | .3 | 31111 | 9 5 | | 160. | 8. | 1. | | 24.0 | 7.0 | 1.2 |
| 29 07 76 1530 | | | .3 | 31127 | 7 | | 1500. G | 144. | 124. | | 21.0 | 4.0 | 2.0 |
| 01 09 76 0930 | | | .3 | 31143 | 5 | | | | | | 17.0 | 1.6 | 1.0 |
| 05 10 76 1315 | | | .3 | 31159 | 9 | | 200. | 1. | 4. | | 15.0 | 5.0 | 2.0 |
| 01 11 76 1320 | | | .3 | 31175 | 9 | | 2300. | 8. | 16. | | 4.0 | 3.0 | 1.0 |
| 01 12 76 1445 | | | .3 | 31191 | 4 | | 39000. | 80. | 40. | | 1.0 | 6.0 | 1.8 |
| 30 12 76 1350 | | | .3 | 31207 | 4 | | 1500. G | 60. | 4. L | | 1.0 | 3.0 | 1.0 |
| MAXIMUM | | | | | | | 39000. | 304. | 180. | | 24.0 | 9.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | 1826. * U | 24. * D | 18. * D | | 10.3 | 4.8 | 1.4 |
| MINIMUM | | | | | | | 160. | 1. | 1. | | 1.0 | 1.6 | 0.6 |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 02 76 1450 | | | .3 | 0.035 | 0.007 | 0.200 | 0.670 | 0.006 | 0.310 | 442.0 | 4.3 | | |
| 01 03 76 1530 | | | .3 | 0.088 | 0.035 | 0.102 | 0.740 | 0.024 | 3.360 | 356.0 | 23.0 | | |
| 01 04 76 1345 | | | .3 | 0.086 | 0.013 | 0.092 | 0.720 | 0.016 | 2.080 | 381.0 | 36.0 | | |
| 03 05 76 1430 | | | .3 | 0.068 | 0.004 | 0.004 | 2.440 | 0.014 | 0.871 | 441.0 | 26.0 | | |
| 01 06 76 1305 | | | .3 | 0.080 | 0.004 | 0.022 | 0.960 | 0.010 | 0.100 | | | | |
| 09 07 76 1325 | | | .3 | 0.083 | 0.019 | 0.116 | 1.260 | 0.043 | 0.737 | | | | |
| 29 07 76 1530 | | | .3 | 0.296 | 0.120 | | 3.280 | 0.007 | 0.005L | 417.0 | 19.0 | | |
| 01 09 76 0930 | | | .3 | 0.080 | 0.024 | 0.400 | 0.940 | 0.011 | 0.009 | 456.0 | 14.0 | | |
| 05 10 76 1315 | | | .3 | 0.035 | 0.002 | 0.002L | 0.900 | 0.001 | 0.005L | 405.0 | 9.1 | | |
| 01 11 76 1320 | | | .3 | 0.031 | 0.004 | 0.016 | 0.560 | 0.008 | 0.642 | | | | |
| 01 12 76 1445 | | | .3 | 0.039 | 0.005 | | 2.700 | 0.006 | 0.394 | | | | |
| 30 12 76 1350 | | | .3 | 0.040 | 0.004 | | 3.330 | 0.003 | 0.232 | 570.0 | 8.1 | | |
| MAXIMUM | | | | 0.296 | 0.120 | 0.200 | 3.330 | 0.043 | 3.360 | 570.0 | 36.0 | | |
| AVG OR GEOM MN (*) | | | | 0.080 | 0.020 | 0.073D | 1.542 | 0.012 | 0.729D | 433.5 | 17.4 | | |
| MINIMUM | | | | 0.031 | 0.002 | 0.002 | 0.560 | 0.001 | 0.005 | 356.0 | 4.3 | | |
| NO OF SAMPLES | | | | 12 | 12 | 9 | 12 | 12 | 12 | 8 | 8 | | |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 02 76 1450 | | | .3 | 560 | 3.60 | | | | | | | | |
| 01 03 76 1530 | | | .3 | 500 | 20.00 | 29.5 | | | | | | | |
| 01 04 76 1345 | | | .3 | 540 | 21.00 | 34.0 | | | | | | | |
| 03 05 76 1430 | | | .3 | 600 | 14.00 | 35.0 | | | | | | | |
| 01 06 76 1305 | | | .3 | 600 | 6.40 | 35.0 | | | | | | | |
| 09 07 76 1325 | | | .3 | 560 | 13.00 | 35.0 | | | | | | | |
| 29 07 76 1530 | | | .3 | 600 | 6.00 | 41.0 | | | | | | | |
| 01 09 76 0930 | | | .3 | 620 | 7.00 | 37.0 | | | | | | | |
| 05 10 76 1315 | | | .3 | 660 | 4.80 | 40.5 | | | | | | | |
| 01 11 76 1320 | | | .3 | 720 | 3.50 | 39.0 | | | | | | | |
| 01 12 76 1445 | | | .3 | 710 | 4.20 | 44.5 | | | | | | | |
| 30 12 76 1350 | | | .3 | 720 | 6.20 | 38.0 | | | | | | | |
| MAXIMUM | | | | 720 | 21.00 | 44.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | 616 | 9.14 | 37.1 | | | | | | | |
| MINIMUM | | | | 500 | 3.50 | 29.5 | | | | | | | |
| NO OF SAMPLES | | | | 12 | 12 | 11 | | | | | | | |

B.O.W. / SITE: MASKINONGE JERSEY RIVER
 SAMPLE POINT: YORK COUNTY ROAD 12 SOUTH OF KESWICK
 STATION TYPE: RIVER

STATION ID: 03-0077-01B-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STORET CODE: 02
 002
 2720

| STN NO | | 18 | LAT | | LONG | | U.T.M. 17 0622600.0 4898150.0 4 | | | | REGION 03 | | MILEAGE | | 74.40 | | |
|------------|----|-----------|----------|-----|---------------------|--------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 | 02 | 76 | 0945 | | | .3 | | 31020 | 4 | | 80. | 12. | 1. | | 3.0 | 10.0 | 2.2 |
| 01 | 03 | 76 | 0905 | | | .3 | | 31036 | 4 | | 4800. | 10. | L | 160. | 0.5 | 3.0 | 1.8 |
| 01 | 04 | 76 | 1015 | | | .3 | | 31052 | 6 | | 2200. | 64. | | 176. | 6.0 | 5.0 | 2.1 |
| 03 | 05 | 76 | 1015 | | | .3 | | 31068 | 6 | | 800. | 12. | | 8. | 11.0 | 6.0 | 2.0 |
| 01 | 06 | 76 | 0945 | | | .3 | | 31084 | 9 | | 3800. | 1. | | 268. | 13.0 | 5.0 | 2.0 |
| 09 | 07 | 76 | 0940 | | | .3 | | 31100 | 5 | | 700. | 252. | | 8. | 21.0 | 4.0 | 2.6 |
| 29 | 07 | 76 | 1100 | | | .3 | | 31116 | 5 | | | 32. | | 50. | 24.0 | 4.0 | 2.2 |
| 01 | 09 | 76 | 1320 | | | .3 | | 31132 | 5 | | | | | | 19.0 | 5.0 | 1.4 |
| 05 | 10 | 76 | 1000 | | | .3 | | 31148 | 5 | | 500. | 4. | | 8. | 14.0 | 4.0 | 2.4 |
| 01 | 11 | 76 | 0940 | | | .3 | | 31164 | 6 | | 1200. | 76. | | 88. | 3.0 | 6.0 | 1.5 |
| 01 | 12 | 76 | 0955 | | | .3 | | 31180 | 4 | | 600. | 92. | | 28. | 1.0 | 4.0 | 1.8 |
| 30 | 12 | 76 | 0955 | | | .3 | | 31196 | 4 | | 60. | 4. | L | 4. | 0.5 | 5.0 | 0.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

4800.
 723.*
 60.

252.
 18.* D
 1.

268.
 24.* D
 1.

24.0
 9.7
 0.5

10.0
 5.1
 3.0

2.6
 1.9
 0.8

NO OF SAMPLES

10

11

11

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 02 | 76 | 0945 | | .3 | | 0.052 | 0.012 | 0.340 | 0.830 | 0.005 | 0.120 | 358.0 | 2.4 | | |
| 01 | 03 | 76 | 0905 | | .3 | | 0.224 | 0.120 | 0.310 | 1.340 | 0.030 | 1.220 | | | | |
| 01 | 04 | 76 | 1015 | | .3 | | 0.145 | 0.055 | 0.126 | 1.190 | 0.023 | 1.600 | 384.0 | 16.0 | | |
| 03 | 05 | 76 | 1015 | | .3 | | 0.108 | 0.013 | 0.036 | 1.440 | 0.008 | 0.127 | 382.0 | 17.0 | | |
| 01 | 06 | 76 | 0945 | | .3 | | 0.069 | 0.009 | 0.028 | 1.220 | 0.004 | 0.005L | | | | |
| 09 | 07 | 76 | 0940 | | .3 | | 0.250 | 0.230 | 0.196 | 1.200 | 0.070 | 0.500 | | | | |
| 29 | 07 | 76 | 1100 | | .3 | | 0.156 | 0.048 | 0.027 | 1.580 | 0.004 | 0.006 | 407.0 | 17.0 | | |
| 01 | 09 | 76 | 1320 | | .3 | | 0.142 | 0.062 | 0.125 | 1.260 | 0.020 | 0.005 | 301.0 | 13.0 | | |
| 05 | 10 | 76 | 1000 | | .3 | | 0.102 | 0.027 | 0.038 | 1.160 | 0.005 | 0.010 | 387.0 | 7.2 | | |
| 01 | 11 | 76 | 0940 | | .3 | | 0.067 | 0.031 | 0.028 | 0.970 | 0.008 | 0.257 | 480.0 | 4.7 | | |
| 01 | 12 | 76 | 0955 | | .3 | | 0.052 | 0.021 | 0.048 | 1.700 | 0.009 | 0.471 | 521.0 | 5.4 | | |
| 30 | 12 | 76 | 0955 | | .3 | | 0.040 | 0.014 | | 13.000 | 0.004 | 0.072 | 449.0 | 4.1 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.250
 0.117
 0.040

0.230
 0.054
 0.009

0.340
 0.118
 0.027

13.000
 2.241
 0.830

0.070
 0.016
 0.004

1.600
 0.3660
 0.005

521.0
 407.7
 301.0

17.0
 9.6
 2.4

NO OF SAMPLES

12

12

11

12

12

12

9

9

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 | 02 | 76 | 0945 | | .3 | | 520 | 2.00 | 30.5 | | | | | | | |
| 01 | 03 | 76 | 0905 | | .3 | | 420 | | 26.0 | | | | | | | |
| 01 | 04 | 76 | 1015 | | .3 | | 540 | 8.40 | 42.0 | | | | | | | |
| 03 | 05 | 76 | 1015 | | .3 | | 550 | 6.40 | 37.0 | | | | | | | |
| 01 | 06 | 76 | 0945 | | .3 | | 550 | 3.60 | 31.5 | | | | | | | |
| 09 | 07 | 76 | 0940 | | .3 | | 405 | 14.00 | 23.0 | | | | | | | |
| 29 | 07 | 76 | 1100 | | .3 | | 590 | 5.70 | 31.5 | | | | | | | |
| 01 | 09 | 76 | 1320 | | .3 | | 460 | 2.20 | 26.5 | | | | | | | |
| 05 | 10 | 76 | 1000 | | .3 | | 600 | 3.00 | 37.0 | | | | | | | |
| 01 | 11 | 76 | 0940 | | .3 | | 880 | 3.00 | 51.0 | | | | | | | |
| 01 | 12 | 76 | 0955 | | .3 | | 800 | 3.40 | 58.0 | | | | | | | |
| 30 | 12 | 76 | 0955 | | .3 | | 610 | 2.50 | 36.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

880
 577
 405

14.00
 4.93
 2.00

58.0
 35.9
 23.0

NO OF SAMPLES

12

11

12

B.O.W. / SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 48 BRIDGE BALDWIN
STATION TYPE: RIVER

STATION ID: 03-0077-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 19 | LAT | LONG | U.T.M. 17 0632150.0 4902025.0 4 | | | | | | | REGION 03 | MILEAGE | 71.10 | | | |
|----------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 02 76 | 1055 | | | | .3 | | 31022 | 4 | | 310. | 24. | 12. | | 3.0 | 10.0 | 1.0 |
| 01 03 76 | 1000 | | | | .3 | | 31038 | 4 | | 5100. | 250. | 390. | | 0.5 | 5.0 | 1.0 |
| 01 04 76 | 1055 | | | | .3 | | 31054 | 9 | | 600. | 1. | 72. | | 7.0 | 6.0 | 1.2 |
| 03 05 76 | 1105 | | | | .3 | | 31070 | 9 0 | | 200. | 1. | 8. | | 10.0 | 9.0 | 0.8 |
| 01 06 76 | 1030 | | | | .3 | | 31086 | 9 | | 400. | 1. | 60. | | 17.0 | 7.0 | 1.4 |
| 09 07 76 | 1045 | | | | .3 | | 31102 | 9 7 | | 40. | 1. | 1. | | 23.0 | 5.0 | 1.2 |
| 29 07 76 | 1240 | | | | .3 | | 31118 | 7 | | 1500. G | 52. | 560. | | 23.0 | 6.0 | 1.2 |
| 01 09 76 | 1415 | | | | .3 | | 31134 | 7 | | | | | | 18.0 | 8.0 | 0.6 |
| 05 10 76 | 1045 | | | | .3 | | 31150 | 7 | | 500. | 8. | 0. | | 15.0 | 6.0 | 1.0 |
| 01 11 76 | 1030 | | | | .3 | | 31166 | 7 | | 270. | 1. | 1. | | 3.0 | 4.0 | 1.1 |
| 01 12 76 | 1055 | | | | .3 | | 31182 | 6 | | 240. | 12. | 4. | | 1.0 | 5.0 | 2.0 |
| 30 12 76 | 1105 | | | | .3 | | 31198 | 4 | | 170. | 12. | 4. L | | 0.5 | 7.0 | 2.5 |

MAXIMUM
AVG OR GEOM MN (°)
MINIMUM

5100.
382.° U
40.

250.
6.°
1.

560.
13.° D
0.

23.0
10.1
0.5

10.0
6.5
4.0

2.5
1.3
0.6

NO OF SAMPLES

11 11 11 12 12 12

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 05 02 76 1055 | | | .3 | | 0.032 | 0.010 | 0.210 | 0.850 | 0.008 | 0.710 | 350.0 | 3.6 | | |
| 01 03 76 1000 | | | .3 | | 0.186 | 0.035 | 0.116 | 1.140 | 0.012 | 0.778 | 298.0 | 38.0 | | 260 |
| 01 04 76 1055 | | | .3 | | 0.038 | 0.008 | 0.010 | 0.650 | 0.007 | 0.298 | | 4.5 | | 241 |
| 03 05 76 1105 | | | .3 | | 0.030 | 0.004 | | 7.200 | 0.007 | 0.005L | 357.0 | 9.1 | | |
| 01 06 76 1030 | | | .3 | | 0.081 | 0.005 | 0.020 | 1.170 | 0.003 | 0.005L | | | | |
| 09 07 76 1045 | | | .3 | | 0.083 | 0.040 | 0.044 | 0.940 | 0.006 | 0.005L | | | | |
| 29 07 76 1240 | | | .3 | | 0.076 | 0.028 | 0.016 | 0.900 | 0.003 | 0.005L | 277.0 | 2.3 | | |
| 01 09 76 1415 | | | .3 | | 0.056 | 0.036 | 0.070 | 0.680 | 0.004 | 0.005L | 257.0 | 2.9 | | |
| 05 10 76 1045 | | | .3 | | 0.010 | 0.005 | 0.004 | 0.330 | 0.002 | 0.005L | 293.0 | 6.0 | | |
| 01 11 76 1030 | | | .3 | | 0.016 | 0.004 | 0.002L | 0.590 | 0.004 | 0.076 | 297.0 | 1.6 | | |
| 01 12 76 1055 | | | .3 | | 0.030 | 0.007 | | 4.000 | 0.003 | 0.262 | 366.0 | 3.6 | | |
| 30 12 76 1105 | | | .3 | | 0.029 | 0.008 | 0.194 | 1.020 | 0.008 | 0.563 | 321.0 | 4.7 | | |

MAXIMUM
AVG OR GEOM MN (°)
MINIMUM

0.186 0.040 0.210 7.200 0.012 0.778 366.0 38.0 260
0.056 0.016 0.0690 1.623 0.006 0.2260 312.9 7.6 251
0.010 0.004 0.002 0.330 0.002 0.005 257.0 1.6 241

NO OF SAMPLES

12 12 10 12 12 12 9 10 2

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 05 02 76 1055 | | | .3 | | 520 | 4.90 | 11.5 | | | | | | | |
| 01 03 76 1000 | | | .3 | | 400 | 5.60 | 18.5 | | | | | | | |
| 01 04 76 1055 | | | .3 | | 370 | 1.90 | 16.0 | | | | | | | |
| 03 05 76 1105 | | | .3 | | 455 | 3.50 | 18.5 | | | | | | | |
| 01 06 76 1030 | | | .3 | | 440 | 1.90 | 16.0 | | | | | | | |
| 09 07 76 1045 | | | .3 | | 445 | 2.60 | 16.0 | | | | | | | |
| 29 07 76 1240 | | | .3 | | 392 | 12.00 | 15.0 | | | | | | | |
| 01 09 76 1415 | | | .3 | | 390 | 0.52 | 11.5 | | | | | | | |
| 05 10 76 1045 | | | .3 | | 460 | 1.50 | 17.0 | | | | | | | |
| 01 11 76 1030 | | | .3 | | 500 | 1.50 | 17.5 | | | | | | | |
| 01 12 76 1055 | | | .3 | | 560 | 1.60 | 23.0 | | | | | | | |
| 30 12 76 1105 | | | .3 | | 510 | 3.60 | 15.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (°)
MINIMUM

560 12.00 23.0
454 3.43 16.3
370 0.52 11.5

NO OF SAMPLES

12 12 12

B.O.W. / SITE: BLACK RIVER
 SAMPLE POINT: AT ONTARIO COUNTY AND YORK REGIONAL LINE BROWN HILL
 STATION TYPE: RIVER FLOW GAUGE MOE 02EC106
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-020-02

STORET CODE: 02
 002
 2720

STN NO 20 LAT LONG U.T.M. 17 0633800.0 4897900.0 4 REGION 03 MILEAGE 73.10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 02 | 76 | 1120 | | | .3 | | 31023 | 4 | | 20. | 12. | 8. | | 3.0 | 8.0 | 1.8 |
| 01 | 03 | 76 | 1020 | | | .3 | | 31039 | 4 | | 220. | 20. | 110. | | 1.0 | 7.0 | 2.4 |
| 01 | 04 | 76 | 1110 | | | .3 | | 31055 | 6 | | 500. | 20. | 48. | | 7.0 | 5.0 | 1.2 |
| 03 | 05 | 76 | 1120 | | | .3 | | 31071 | 6 | | 100. | 1. | 8. | | 10.0 | 7.0 | 1.6 |
| 01 | 06 | 76 | 1045 | | | .3 | | 31087 | 6 | | 6700. | 1. | 348. | | 13.0 | 4.0 | 1.4 |
| 09 | 07 | 76 | 1100 | | | .3 | | 31103 | 6 | | 260. | 32. | 12. | | 20.0 | 4.0 | 1.2 |
| 29 | 07 | 76 | 1300 | | | .3 | | 31119 | 7 9 | | 300. | 68. | 110. | | 20.0 | 5.0 | 1.0 |
| 01 | 09 | 76 | 1440 | | | .3 | | 31135 | 7 9 | | | | | | 17.0 | 3.0 | 0.8 |
| 05 | 10 | 76 | 1100 | | | .3 | | 31151 | 7 9 | | 330. | 64. | 12. | | 13.0 | 7.0 | 1.0 |
| 01 | 11 | 76 | 1045 | | | .3 | | 31167 | 7 9 | | 600. | 8. | 4. | | 4.0 | 5.0 | 1.0 |
| 01 | 12 | 76 | 1115 | | | .3 | | 31183 | 4 | | 1200. | 20. | 8. | | 0.5 | 5.0 | 3.5 |
| 30 | 12 | 76 | 1115 | | | .3 | | 31199 | 4 | | 180. | 20. | 10. | | 0.5 | 5.0 | 2.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 02 | 76 | 1120 | | | .3 | | 0.033 | 0.012 | 0.130 | 0.530 | 0.008 | 0.760 | 326.0 | 4.2 | | |
| 01 | 03 | 76 | 1020 | | | .3 | | 0.325 | 0.045 | 0.126 | 1.550 | 0.012 | 0.843 | 517.0 | 260.0 | | 257 |
| 01 | 04 | 76 | 1110 | | | .3 | | 0.041 | 0.009 | 0.002L | 0.550 | 0.006 | 0.259 | | 3.5 | | 250 |
| 03 | 05 | 76 | 1120 | | | .3 | | 0.092 | 0.008 | 0.014 | 1.280 | 0.004 | 0.026 | 328.0 | 21.0 | | |
| 01 | 06 | 76 | 1045 | | | .3 | | 0.054 | 0.018 | 0.056 | 0.730 | 0.017 | 0.163 | | | | |
| 09 | 07 | 76 | 1100 | | | .3 | | 0.085 | 0.043 | 0.042 | 0.960 | 0.014 | 0.181 | | | | |
| 29 | 07 | 76 | 1300 | | | .3 | | 0.072 | 0.033 | 0.055 | 0.780 | 0.009 | 0.161 | 279.0 | 14.0 | | |
| 01 | 09 | 76 | 1440 | | | .3 | | 0.058 | 0.032 | 0.020 | 1.160 | 0.014 | 0.101 | 257.0 | 3.2 | | |
| 05 | 10 | 76 | 1100 | | | .3 | | 0.034 | 0.012 | 0.006 | 0.450 | 0.003 | 0.087 | 277.0 | 3.3 | | |
| 01 | 11 | 76 | 1045 | | | .3 | | 0.038 | 0.006 | 0.004 | 0.610 | 0.004 | 0.236 | 304.0 | 6.3 | | |
| 01 | 12 | 76 | 1115 | | | .3 | | 0.330 | 0.006 | | 2.600 | 0.005 | 0.395 | 535.0 | 162.0 | | |
| 30 | 12 | 76 | 1115 | | | .3 | | 0.064 | 0.010 | 0.006 | 2.290 | 0.008 | 0.640 | 339.0 | 33.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 | 02 | 76 | 1120 | | | .3 | | 475 | 3.90 | 11.0 | | | | | | | |
| 01 | 03 | 76 | 1020 | | | .3 | | 395 | 74.00 | 16.5 | | | | | | | |
| 01 | 04 | 76 | 1110 | | | .3 | | 385 | 1.30 | 17.0 | | | | | | | |
| 03 | 05 | 76 | 1120 | | | .3 | | 470 | 4.10 | 18.5 | | | | | | | |
| 01 | 06 | 76 | 1045 | | | .3 | | 440 | 2.70 | 14.5 | | | | | | | |
| 09 | 07 | 76 | 1100 | | | .3 | | 440 | 2.80 | 16.5 | | | | | | | |
| 29 | 07 | 76 | 1300 | | | .3 | | 430 | 5.50 | 13.0 | | | | | | | |
| 01 | 09 | 76 | 1440 | | | .3 | | 390 | 2.00 | 9.0 | | | | | | | |
| 05 | 10 | 76 | 1100 | | | .3 | | 450 | 2.50 | 12.5 | | | | | | | |
| 01 | 11 | 76 | 1045 | | | .3 | | 520 | 2.50 | 17.0 | | | | | | | |
| 01 | 12 | 76 | 1115 | | | .3 | | 620 | 30.00 | 26.0 | | | | | | | |
| 30 | 12 | 76 | 1115 | | | .3 | | 480 | 7.00 | 12.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: MOUNT ALBERT CREEK
 SAMPLE POINT: SECOND CONCESSION NORTH OF MOUNT ALBERT EAST OF HIGHWAY 48
 STATION TYPE: RIVER FLOW GAUGE MOE 02EC104
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STATION ID: 03-0077-021-02

STORET CODE: 02
 002
 2720

STN NO 21 LAT LONG U.T.M. 17 0633700.0 4891500.0 4 REGION 03 MILEAGE 79.50

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 02 76 1135 | | | .3 | | 31024 | 4 | | 900. | 180. | 10. | | 2.0 | 8.0 | 1.2 |
| 01 03 76 1045 | | | .3 | | 31040 | 4 | | 1500. | 100. | L 430. | | 0.0 | 5.0 | 2.6 |
| 01 04 76 1130 | | | .3 | | 31056 | 6 | | 3100. | 360. | 1540. | | 6.0 | 5.0 | 2.6 |
| 03 05 76 1140 | | | .3 | | 31072 | 6 | | 60. | 10. | 30. | | 9.5 | 13.0 | 1.0 |
| 01 06 76 1100 | | | .3 | | 31088 | 6 | | 9500. | 10. | L 1070. | | 12.0 | 3.0 | 2.2 |
| 09 07 76 1115 | | | .3 | | 31104 | 6 | | 200. | 10. | L 10. | L | 19.5 | 7.0 | 1.4 |
| 29 07 76 1330 | | | .3 | | 31120 | 6 | 18.6 | 26000. | 600. | G 1190. | | 18.0 | 6.0 | 0.8 |
| 01 09 76 1500 | | | .3 | | 31136 | 6 | 13.7 | | | | | 17.0 | 1.0 | 0.8 |
| 05 10 76 1115 | | | .3 | | 31152 | 6 | 12.9 | 3000. | 200. | 0. | | 13.5 | 6.0 | 1.0 |
| 01 11 76 1100 | | | .3 | | 31168 | 6 | | 1500. | 110. | 64. | | 3.0 | 4.0 | 1.1 |
| 01 12 76 1135 | | | .3 | | 31184 | 4 | | 1900. | 64. | 4. | | 1.0 | 5.0 | 1.6 |
| 30 12 76 1135 | | | .3 | | 31200 | 4 | | 240. | 40. | 8. | | 1.0 | 4.0 | 1.4 |

| | | | | | | | | |
|-------------------------------|------|--------|--------|--------|--|------|------|-----|
| MAXIMUM AVG OR GEOM MN (*) | 18.6 | 26000. | 600. | 1540. | | 19.5 | 13.0 | 2.6 |
| MINIMUM | 15.1 | 1342.* | 71.* E | 50.* D | | 8.5 | 5.6 | 1.5 |
| | 12.9 | 60. | 10. | 0. | | 0.0 | 1.0 | 0.8 |
| NO OF SAMPLES | 3 | 11 | 11 | 11 | | 12 | 12 | 12 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 02 76 1135 | | | .3 | | 0.046 | 0.014 | 0.190 | 0.760 | 0.008 | 0.840 | 309.0 | 9.4 | | |
| 01 03 76 1045 | | | .3 | | 0.300 | 0.055 | 0.280 | 1.750 | 0.012 | 0.673 | 428.0 | 145.0 | | |
| 01 04 76 1130 | | | .3 | | 0.153 | 0.049 | 0.212 | 1.100 | 0.017 | 0.823 | 311.0 | 20.0 | | |
| 03 05 76 1140 | | | .3 | | 0.084 | 0.005 | 0.010 | 2.260 | 0.011 | 0.309 | 338.0 | 31.0 | | |
| 01 06 76 1100 | | | .3 | | 0.089 | 0.023 | 0.780 | 2.500 | 0.048 | 0.352 | | | | |
| 09 07 76 1115 | | | .3 | | 0.091 | 0.045 | 0.044 | 0.660 | 0.036 | 0.389 | | | | |
| 29 07 76 1330 | | | .3 | | 0.066 | 0.025 | 0.022 | 1.240 | 0.022 | 0.373 | 270.0 | 7.2 | | |
| 01 09 76 1500 | | | .3 | | 0.078 | 0.038 | 0.015 | 0.580 | 0.069 | 0.451 | 262.0 | 8.7 | | |
| 05 10 76 1115 | | | .3 | | 0.041 | 0.012 | 0.012 | 0.360 | 0.007 | 0.313 | 240.0 | 4.2 | | |
| 01 11 76 1100 | | | .3 | | 0.025 | 0.010 | 0.030 | 0.180 | 0.005 | 0.450 | 289.0 | 5.8 | | |
| 01 12 76 1135 | | | .3 | | 0.084 | 0.002 | | 4.000 | 0.005 | 0.630 | 339.0 | 41.0 | | |
| 30 12 76 1135 | | | .3 | | 0.063 | 0.012 | | 4.050 | 0.006 | 0.909 | 321.0 | 24.0 | | |

| | | | | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MAXIMUM AVG OR GEOM MN (*) | 0.300 | 0.055 | 0.780 | 4.050 | 0.069 | 0.909 | 428.0 | 145.0 |
| MINIMUM | 0.093 | 0.024 | 0.160 | 1.620 | 0.021 | 0.543 | 310.7 | 29.6 |
| | 0.025 | 0.002 | 0.010 | 0.180 | 0.005 | 0.309 | 240.0 | 4.2 |
| NO OF SAMPLES | 12 | 12 | 10 | 12 | 12 | 12 | 10 | 10 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 02 76 1135 | | | .3 | | 455 | 5.50 | 9.5 | | | | | | | |
| 01 03 76 1045 | | | .3 | | 420 | 24.00 | 14.0 | | | | | | | |
| 01 04 76 1130 | | | .3 | | 440 | | 24.5 | | | | | | | |
| 03 05 76 1140 | | | .3 | | 470 | 8.20 | 18.0 | | | | | | | |
| 01 06 76 1100 | | | .3 | | 440 | 4.50 | 14.5 | | | | | | | |
| 09 07 76 1115 | | | .3 | | | | 15.0 | | | | | | | |
| 29 07 76 1330 | | | .3 | | 405 | 2.90 | 10.0 | | | | | | | |
| 01 09 76 1500 | | | .3 | | 410 | 3.40 | 13.0 | | | | | | | |
| 05 10 76 1115 | | | .3 | | 430 | 2.20 | 11.0 | | | | | | | |
| 01 11 76 1100 | | | .3 | | 465 | 2.50 | 13.5 | | | | | | | |
| 01 12 76 1135 | | | .3 | | 480 | 5.20 | 11.5 | | | | | | | |
| 30 12 76 1135 | | | .3 | | 465 | 6.00 | 10.0 | | | | | | | |

| | | | |
|-------------------------------|-----|-------|------|
| MAXIMUM AVG OR GEOM MN (*) | 480 | 24.00 | 24.5 |
| MINIMUM | 444 | 6.44 | 13.7 |
| | 405 | 2.20 | 9.5 |
| NO OF SAMPLES | 11 | 10 | 12 |

B.O.W./ SITE: LAKE SIMCOE OUTLET
 SAMPLE POINT: HIGHWAY 12 ATHERLEY
 STATION TYPE: RIVER

STATION ID: 03-0077-022-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STORET CODE: 02
 002
 2720

| STN NO | 22 | LAT | LONG | U.T.M. 17 0629400.0 4940050.0 4 | REGION 03 | MILEAGE | 44.70 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 09 01 76 0830 | | | .3 | | 27022 | 4 | | 10. | 10. L | 10. | | 0.8 | 11.2 | 4.4 |
| 11 03 76 0830 | | | .3 | | 27085 | 4 | | | | | | 0.0 | 5.2 | 1.2 |
| 15 04 76 0830 | | | .3 | | 27171 | 6 | | 1. | 1. | 56. | | 6.0 | 10.4 | 0.8 |
| 21 05 76 0855 | | | .3 | | 27253 | 6 | | 10. L | 4. | 1. | | 8.5 | 10.0 | 1.0 |
| 22 06 76 1530 | | | .3 | | 27511 | 6 | | 10. | | 10. L | | 23.7 | 9.8 | 0.2 |
| 20 07 76 1330 | | | .3 | | 27531 | 6 | | 60. | | 1. | | 19.5 | 10.1 | 0.8 |
| 17 08 76 1520 | | | .3 | | 27546 | 6 | | 60. | 1. | 12. | | 21.0 | 10.6 | 0.8 |
| 14 09 76 1530 | | | .3 | | 29566 | 6 | | 50. | 1. | 1. | | 19.2 | 12.4 | 0.5 |
| 12 10 76 1500 | | | .3 | | 29586 | 6 | | 10. | 26. | 4. | | 13.1 | 11.8 | 1.8 |
| 08 11 76 1505 | | | .3 | | 29606 | 6 | | 4. | 1. | 1. | | 4.1 | 13.2 | 0.8 |
| 09 12 76 0830 | | | .3 | | 27668 | 4 | | 10. L | 4. L | 4. | | 1.0 | 18.4 | 1.0 |
| MAXIMUM | | | | | | | | 60. | 26. | 56. | | 23.7 | 18.4 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | 12.* D | 3.* D | 4.* D | | 10.6 | 11.2 | 1.2 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 5.2 | 0.2 |
| NO OF SAMPLES | | | | | | | | 10 | 8 | 10 | | 11 | 11 | 11 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 09 01 76 0830 | | | .3 | | 0.018 | 0.001 | 0.010 | 0.450 | 0.002 | 0.010 | 224.0 | 3.0 | | 221 |
| 11 03 76 0830 | | | .3 | | 0.016 | 0.001 | 0.004 | 0.370 | 0.001 | 0.024 | | | | |
| 15 04 76 0830 | | | .3 | | 0.023 | 0.001 | 0.022 | 0.420 | 0.002 | 0.028 | 189.0 | 5.6 | | |
| 21 05 76 0855 | | | .3 | | 0.017 | 0.001 | 0.020 | 0.420 | 0.001 | 0.005L | 214.0 | 3.4 | | 211 |
| 22 06 76 1530 | | | .3 | | 0.009 | 0.002 | 0.004 | 0.370 | 0.001 | 0.005L | 203.0 | 1.0 | | |
| 20 07 76 1330 | | | .3 | | 0.016 | 0.001L | 0.004 | 0.370 | 0.001 | 0.005L | 203.0 | 1.3 | | |
| 17 08 76 1520 | | | .3 | | 0.014 | 0.003 | 0.009 | 0.340 | 0.002 | 0.005L | 199.0 | 1.0 | | |
| 14 09 76 1530 | | | .3 | | 0.012 | 0.005 | 0.004 | 0.390 | 0.001 | 0.005L | 200.0 | 2.1 | | |
| 12 10 76 1500 | | | .3 | | 0.225 | 0.041 | 0.002 | 0.400 | 0.001L | 0.005L | 228.0 | 10.0 | | |
| 08 11 76 1505 | | | .3 | | 0.050 | 0.030 | 0.008 | 0.380 | 0.001 | 0.005L | 214.0 | 3.2 | | |
| 09 12 76 0830 | | | .3 | | 0.016 | 0.003 | 0.016 | 0.370 | 0.001 | 0.005L | 227.0 | 2.7 | | |
| MAXIMUM | | | | | 0.225 | 0.041 | 0.022 | 0.450 | 0.002 | 0.028 | 228.0 | 10.0 | | 221 |
| AVG OR GEOM MN (*) | | | | | 0.038 | 0.008D | 0.009 | 0.389 | 0.001D | 0.009D | 210.1 | 3.3 | | 216 |
| MINIMUM | | | | | 0.009 | 0.001 | 0.002 | 0.340 | 0.001 | 0.005 | 189.0 | 1.0 | | 211 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | | 2 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 09 01 76 0830 | | | .3 | | 340 | 2.40 | 13.0 | | | | | | | |
| 11 03 76 0830 | | | .3 | | 335 | 1.20 | 14.0 | | | | | | | |
| 15 04 76 0830 | | | .3 | | 290 | 1.90 | 13.0 | | | | | | | |
| 21 05 76 0855 | | | .3 | | 325 | 1.80 | 12.5 | | | | | | | |
| 22 06 76 1530 | | | .3 | | 310 | 1.60 | 13.0 | | | | | | | |
| 20 07 76 1330 | | | .3 | | 310 | 1.40 | 13.0 | | | | | | | |
| 17 08 76 1520 | | | .3 | | 305 | 1.70 | 13.5 | | | | | | | |
| 14 09 76 1530 | | | .3 | | 305 | 1.40 | 13.5 | | | | | | | |
| 12 10 76 1500 | | | .3 | | 335 | 5.60 | 13.0 | | | | | | | |
| 08 11 76 1505 | | | .3 | | 325 | 1.60 | 14.5 | | | | | | | |
| 09 12 76 0830 | | | .3 | | 365 | 2.00 | 15.0 | | | | | | | |
| MAXIMUM | | | | | 365 | 5.60 | 15.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 322 | 2.06 | 13.5 | | | | | | | |
| MINIMUM | | | | | 290 | 1.20 | 12.5 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 09 01 76 0830 | | | .3 | | | | | | | | | | | |
| 11 03 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| 15 04 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| 21 05 76 0855 | | | .3 | | 1.0L | | | | | | | | | |
| 22 06 76 1530 | | | .3 | | 1.0L | | | | | | | | | |
| 20 07 76 1330 | | | .3 | | 1.0L | | | | | | | | | |
| 17 08 76 1520 | | | .3 | | 1.0L | | | | | | | | | |
| 14 09 76 1530 | | | .3 | | 1.0L | | | | | | | | | |
| 12 10 76 1500 | | | .3 | | 1.0L | | | | | | | | | |
| 08 11 76 1505 | | | .3 | | 1.0L | | | | | | | | | |
| 09 12 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| MAXIMUM | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 10 | | | | | | | | | |

B.O.W./ SITE: SEVERN RIVER
 SAMPLE POINT: AT HIGHWAY NO 11 SEVERN BRIDGE
 STATION TYPE: RIVER

STATION ID: 03-0077-023-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SEVERN RIVER

STORET CODE: 02
 002
 2720

STN NO 23 LAT LONG U.T.M. 17 0631700.0 4959200.0 4 REGION 03 MILEAGE 33.20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 08 | 01 | 76 | 1500 | | | .3 | | 27021 | 4 | | 80. | 8. | 4. | | 0.0 | 12.0 | 1.8 |
| 11 | 03 | 76 | 0930 | | | .3 | | 27086 | 4 | | | | | | 0.0 | 11.0 | 0.8 |
| 15 | 04 | 76 | 1500 | | | .3 | | 27172 | 6 | | 4. | 4. | 8. | | 7.5 | 9.0 | 0.6 |
| 20 | 05 | 76 | 1805 | | | .3 | | 27255 | 6 | | 10. L | 10. L | 10. L | | 11.5 | 9.1 | 0.4 |
| 22 | 06 | 76 | 1430 | | | .3 | | 27512 | 6 | | 60. | | 10. | | 24.0 | 8.9 | 0.6 |
| 20 | 07 | 76 | 1130 | | | .3 | | 27532 | 6 | | 50. | | 24. | | 22.2 | 9.3 | 0.4 |
| 18 | 08 | 76 | 1100 | | | .3 | | 27548 | 6 | | 24. | | 16. | | 20.8 | 10.3 | 0.8 |
| 15 | 09 | 76 | 1105 | | | .3 | | 29568 | 6 | | 30. | 1. | 1. | | 20.0 | 11.4 | 0.4 |
| 13 | 10 | 76 | 1115 | | | .3 | | 29588 | 6 9 | | 110. | 2. | 4. | | 12.5 | 11.2 | 0.3 |
| 09 | 11 | 76 | 1055 | | | .3 | | 29608 | 6 | | 180. | 1. | 4. | | 2.0 | 16.4 | 0.8 |
| 08 | 12 | 76 | 1550 | | | .3 | | 27666 | 4 | | 32. | 8. | 560. | | 0.5 | 18.4 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 08 | 01 | 76 | 1500 | | | .3 | | 0.011 | 0.001 | 0.030 | 0.390 | 0.004 | 0.050 | 140.0 | 3.0 | | 137 |
| 11 | 03 | 76 | 0930 | | | .3 | | 0.020 | 0.002 | 0.012 | 0.470 | 0.003 | 0.082 | | | | |
| 15 | 04 | 76 | 1500 | | | .3 | | 0.035 | 0.003 | 0.022 | 0.380 | 0.004 | 0.096 | 124.0 | 8.3 | | |
| 20 | 05 | 76 | 1805 | | | .3 | | 0.014 | 0.001L | 0.014 | 0.390 | 0.002 | 0.008 | 176.0 | 3.5 | | 172 |
| 22 | 06 | 76 | 1430 | | | .3 | | 0.020 | 0.001 | 0.004 | 0.630 | 0.001 | 0.005L | 168.0 | 2.0 | | |
| 20 | 07 | 76 | 1130 | | | .3 | | 0.011 | 0.001 | 0.004 | 0.370 | 0.001 | 0.005L | 184.0 | 2.1 | | |
| 18 | 08 | 76 | 1100 | | | .3 | | 0.018 | 0.002 | 0.002L | 0.290 | 0.002 | 0.005L | 171.0 | 2.2 | | |
| 15 | 09 | 76 | 1105 | | | .3 | | 0.013 | 0.001 | 0.002 | 0.370 | 0.001 | 0.009 | 179.0 | 2.8 | | |
| 13 | 10 | 76 | 1115 | | | .3 | | 0.065 | 0.039 | 0.010 | 0.360 | 0.001 | 0.005L | 210.0 | 1.6 | | |
| 09 | 11 | 76 | 1055 | | | .3 | | 0.029 | 0.002 | 0.010 | 0.420 | 0.002 | 0.008 | 158.0 | 1.9 | | |
| 08 | 12 | 76 | 1550 | | | .3 | | 0.020 | 0.002 | 0.016 | 0.410 | 0.002 | 0.018 | 149.0 | 3.2 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1500 | | | .3 | | 210 | 3.00 | 23.0 | | | | | | | |
| 11 | 03 | 76 | 0930 | | | .3 | | 230 | 1.50 | 8.7 | | | | | | | |
| 15 | 04 | 76 | 1500 | | | .3 | | 190 | 1.40 | 6.4 | | | | | | | |
| 20 | 05 | 76 | 1805 | | | .3 | | 265 | 2.00 | 10.0 | | | | | | | |
| 22 | 06 | 76 | 1430 | | | .3 | | 255 | 1.60 | 11.0 | | | | | | | |
| 20 | 07 | 76 | 1130 | | | .3 | | 278 | 1.60 | 12.5 | | | | | | | |
| 18 | 08 | 76 | 1100 | | | .3 | | 260 | 1.90 | 11.5 | | | | | | | |
| 15 | 09 | 76 | 1105 | | | .3 | | 2 | 2.7 | 13.0 | | | | | | | |
| 13 | 10 | 76 | 1115 | | | .3 | | 320 | 2.40 | 12.5 | | | | | | | |
| 09 | 11 | 76 | 1055 | | | .3 | | 240 | 1.60 | 10.5 | | | | | | | |
| 08 | 12 | 76 | 1550 | | | .3 | | 225 | 1.60 | 12.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 08 | 01 | 76 | 1500 | | | .3 | | | | | | | | | | | |
| 11 | 03 | 76 | 0930 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 04 | 76 | 1500 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 05 | 76 | 1805 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 07 | 76 | 1130 | | | .3 | | 1.0 | | | | | | | | | |
| 18 | 08 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 09 | 76 | 1105 | | | .3 | | 1.0L | | | | | | | | | |
| 13 | 10 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 11 | 76 | 1055 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 12 | 76 | 1550 | | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: BOGART CREEK

SAMPLE POINT: AT FIRST CONCESSION ROAD SOUTH EAST OF PLEASANTVILLE

STATION TYPE: RIVER

STATION ID: 03-0077-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVERSTORET CODE: 02
002
2720

| STN NO | 24 | LAT | LONG | U.T.M. 17 0630025.0 4877350.0 4 | REGION 03 | MILEAGE | 93.40 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 05 | 02 | 76 | 1225 | | .3 | | 31025 | 6 | | 1. | 1. | 10. | L | 3.0 | 9.0 | 1.0 |
| 01 | 03 | 76 | 1400 | | .3 | | 31041 | 6 | | 15000. | G | 20. | 1500. | G | 3.0 | 0.6 |
| 01 | 04 | 76 | 1150 | | .3 | | 31057 | 6 | | 100. | 100. | 100. | L | 6.0 | 7.0 | 1.0 |
| 03 | 05 | 76 | 1205 | | .3 | | 31073 | 6 | | 30. | 10. | 10. | L | 11.0 | 6.0 | 0.8 |
| 01 | 06 | 76 | 1125 | | .3 | | 31089 | 6 | | 1300. | 1. | 244. | | 12.0 | 5.0 | 1.0 |
| 09 | 07 | 76 | 1130 | | .3 | | 31105 | 6 | | 270. | 44. | 4. | | 22.0 | 9.0 | 1.0 |
| 29 | 07 | 76 | 1400 | | .3 | | 31121 | 6 | | 1500. | G | 600. | G | 1520. | 19.0 | 7.0 |
| 01 | 09 | 76 | 1530 | | .3 | | 31137 | 6 | | | | | | 18.0 | 6.0 | 0.9 |
| 05 | 10 | 76 | 1130 | | .3 | | 31153 | 6 | | 100. | 100. | L | 0. | 14.0 | 6.0 | 0.5 |
| 01 | 11 | 76 | 1120 | | .3 | | 31169 | 6 | | 310. | 12. | 28. | | 5.0 | 4.0 | 1.1 |
| 01 | 12 | 76 | 1200 | | .3 | | 31185 | 6 | | 110. | 4. | L | 4. | 1.0 | 8.0 | 1.4 |
| 30 | 12 | 76 | 1200 | | .3 | | 31201 | 4 | | 30. | 4. | 120. | | 1.0 | 4.0 | 0.6 |
| | | | | | | | | | | 15000. | 600. | 1520. | | 22.0 | 9.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 165.* U | 15.* E | 39.* E | | 9.6 | 6.2 | 0.9 |
| MINIMUM | | | | | | | | | | 1. | 1. | 0. | | 1.0 | 3.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 | 02 | 76 | 1225 | | .3 | | 0.022 | 0.004 | 0.120 | 0.440 | 0.010 | 1.600 | 309.0 | 9.2 | | |
| 01 | 03 | 76 | 1400 | | .3 | | 0.052 | 0.017 | 0.084 | 0.470 | 0.011 | 1.340 | | | | |
| 01 | 04 | 76 | 1150 | | .3 | | 0.050 | 0.003 | 0.016 | 0.520 | 0.006 | 1.040 | 252.0 | 24.0 | | |
| 03 | 05 | 76 | 1205 | | .3 | | 0.020 | 0.001 | | 2.460 | 0.004 | 0.656 | 285.0 | 9.3 | | |
| 01 | 06 | 76 | 1125 | | .3 | | 0.044 | 0.001 | 0.004 | 0.630 | 0.006 | 0.539 | | | | |
| 09 | 07 | 76 | 1130 | | .3 | | 0.045 | 0.006 | 0.014 | 0.680 | 0.011 | 0.539 | | | | |
| 29 | 07 | 76 | 1400 | | .3 | | 0.072 | 0.007 | | 2.920 | 0.005 | 0.465 | 340.0 | 16.0 | | |
| 01 | 09 | 76 | 1530 | | .3 | | 0.038 | 0.014 | 0.012 | 0.560 | 0.022 | 0.338 | 304.0 | 13.0 | | |
| 05 | 10 | 76 | 1130 | | .3 | | 0.022 | 0.004 | 0.012 | 0.370 | 0.007 | 0.348 | 263.0 | 3.2 | | |
| 01 | 11 | 76 | 1120 | | .3 | | 0.021 | 0.002 | 0.020 | 0.360 | 0.004 | 0.506 | | | | |
| 01 | 12 | 76 | 1200 | | .3 | | 0.020 | 0.002 | | 3.700 | 0.006 | 0.724 | | | | |
| 30 | 12 | 76 | 1200 | | .3 | | 0.023 | 0.002 | | 17.400 | 0.006 | 1.100 | 399.0 | 10.0 | | |
| | | | | | | | 0.072 | 0.017 | 0.120 | 17.400 | 0.022 | 1.600 | 399.0 | 24.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.036 | 0.005 | 0.035 | 2.543 | 0.008 | 0.766 | 307.4 | 12.1 | | |
| MINIMUM | | | | | | | 0.020 | 0.001 | 0.004 | 0.360 | 0.004 | 0.338 | 252.0 | 3.2 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 8 | 12 | 12 | 12 | 7 | 7 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 | 02 | 76 | 1225 | | .3 | | 445 | 2.90 | 9.1 | | | | | | | |
| 01 | 03 | 76 | 1400 | | .3 | | 440 | | 13.0 | | | | | | | |
| 01 | 04 | 76 | 1150 | | .3 | | 350 | 4.30 | 11.5 | | | | | | | |
| 03 | 05 | 76 | 1205 | | .3 | | 420 | 9.20 | 10.0 | | | | | | | |
| 01 | 06 | 76 | 1125 | | .3 | | 395 | 2.60 | 9.0 | | | | | | | |
| 09 | 07 | 76 | 1130 | | .3 | | 378 | 3.50 | 8.6 | | | | | | | |
| 29 | 07 | 76 | 1400 | | .3 | | 445 | 3.80 | 17.0 | | | | | | | |
| 01 | 09 | 76 | 1530 | | .3 | | 440 | 3.00 | 15.0 | | | | | | | |
| 05 | 10 | 76 | 1130 | | .3 | | 400 | 1.50 | 8.7 | | | | | | | |
| 01 | 11 | 76 | 1120 | | .3 | | 415 | 2.00 | 9.9 | | | | | | | |
| 01 | 12 | 76 | 1200 | | .3 | | 435 | 2.00 | 9.1 | | | | | | | |
| 30 | 12 | 76 | 1200 | | .3 | | 465 | 3.00 | 10.0 | | | | | | | |
| | | | | | | | 465 | 9.20 | 17.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 419 | 3.44 | 10.9 | | | | | | | |
| MINIMUM | | | | | | | 350 | 1.50 | 8.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 11 | 12 | | | | | | | |

B.O.W./ SITE: BEAVERTON RIVER
SAMPLE POINT: RAILROAD BRIDGE BEAVERTON
STATION TYPE: RIVER FLOW GAUGE FED 02ECO11

STATION ID: 03-0077-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 25 | LAT | LONG | U.T.M. 17 0646445.0 4921175.0 4 | REGION 03 | MILEAGE | 61.50 | | | | | | | | | | |
|--------------------|--------|---------|------|---------------------------------|-----------|-----------------|-------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 09 01 76 | 1000 | | | | | .3 | | 27024 | 4 | 15.80 | 144. | 12. | 8. | | 0.0 | 10.4 | 2.4 |
| 11 03 76 | 1126 | | | | | .3 | | 27089 | 6 | 216.00 | | | | | 0.0 | 7.6 | 1.6 |
| 15 04 76 | 1045 | | | | | .3 | | 27175 | 6 9 | 134.00 | 356. | 28. | 156. | | 11.4 | 8.8 | 0.8 |
| 21 05 76 | 1015 | | | | | .3 | | 27261 | 5 8 | 122.00 | 1500. G | 636. | 12. | | 12.5 | 8.7 | 0.9 |
| 23 06 76 | 1100 | | | | | .3 | | 27515 | 6 8 | 15.50 | | | | | 24.8 | 8.4 | 1.0 |
| 21 07 76 | 1045 | | | | | .3 | | 27535 | 6 | 29.50 | 5000. | | 84. | | 23.0 | 9.2 | 0.6 |
| 17 08 76 | 1330 | | | | | .3 | | 27544 | 6 | 36.80 | 500. | 1. | 10. | | 22.0 | 9.7 | 1.0 |
| 14 09 76 | 1345 | | | | | .3 | | 29564 | 6 | 44.00 | 900. | 124. | 12. | | 18.8 | 11.8 | 0.8 |
| 12 10 76 | 1330 | | | | | .3 | | 29584 | 6 | 85.10 | 50. | 68. | 24. | | 10.5 | 11.9 | 1.6 |
| 08 11 76 | 1345 | | | | | .3 | | 29604 | 6 | 62.20 | 1500. | 20. | 8. | | 1.5 | 16.0 | 0.8 |
| 09 12 76 | 1000 | | | | | .3 | | 27670 | 4 | 31.50 | 2500. | 24. | 28. | | 0.0 | 16.2 | 0.4 |
| MAXIMUM | | | | | | | | | | 216.00 | 5000. | 636. | 156. | | 24.8 | 16.2 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 72.04 | 683.* U | 31.* | 21.* | | 11.3 | 10.8 | 1.1 |
| MINIMUM | | | | | | | | | | 15.50 | 50. | 1. | 8. | | 0.0 | 7.6 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 11 | 9 | 8 | 9 | | 11 | 11 | 11 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 09 01 76 | 1000 | | | | | .3 | | 0.027 | 0.001 | 0.360 | 1.100 | 0.012 | 0.830 | 420.0 | 7.0 | | |
| 11 03 76 | 1126 | | | | | .3 | | 0.041 | 0.012 | 0.082 | 0.740 | 0.007 | 0.808 | | | | |
| 15 04 76 | 1045 | | | | | .3 | | 0.033 | 0.002 | 0.004 | 0.600 | 0.005 | 0.155 | 228.0 | 14.0 | | |
| 21 05 76 | 1015 | | | | | .3 | | 0.022 | 0.001 | 0.008 | 0.700 | 0.005 | 0.145 | | | | |
| 23 06 76 | 1100 | | | | | .3 | | 0.057 | 0.003 | 0.010 | 0.970 | 0.007 | 0.033 | 300.0 | 20.0 | | |
| 21 07 76 | 1045 | | | | | .3 | | 0.048 | 0.001 | 0.006 | 1.020 | 0.005 | 0.025 | 335.0 | 14.5 | | |
| 17 08 76 | 1330 | | | | | .3 | | 0.038 | 0.003 | 0.011 | 0.300 | 0.005 | 0.170 | 315.0 | 17.0 | | |
| 14 09 76 | 1345 | | | | | .3 | | 0.033 | 0.005 | 0.009 | 0.820 | 0.004 | 0.051 | 348.0 | 15.0 | | |
| 12 10 76 | 1330 | | | | | .3 | | 0.025 | 0.018 | 0.010 | 0.760 | 0.003 | 0.037 | 320.0 | 6.2 | | |
| 08 11 76 | 1345 | | | | | .3 | | 0.026 | 0.003 | 0.002 | 0.700 | 0.002 | 0.178 | 322.0 | 4.9 | | |
| 09 12 76 | 1000 | | | | | .3 | | 0.012 | 0.002 | 0.016 | 0.610 | 0.006 | 0.839 | 381.0 | 3.2 | | |
| MAXIMUM | | | | | | | | | 0.057 | 0.018 | 0.360 | 1.100 | 0.012 | 0.839 | 420.0 | 20.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | 0.033 | 0.005 | 0.047 | 0.756 | 0.006 | 0.297 | 329.9 | 11.3 | |
| MINIMUM | | | | | | | | | 0.012 | 0.001 | 0.002 | 0.300 | 0.002 | 0.025 | 228.0 | 3.2 | |
| NO OF SAMPLES | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 9 | 9 | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 09 01 76 | 1000 | | | | | .3 | | 620 | 3.50 | 24.0 | | | | | | | |
| 11 03 76 | 1126 | | | | | .3 | | 460 | 2.20 | 21.5 | | | | | | | |
| 15 04 76 | 1045 | | | | | .3 | | 350 | 6.50 | 13.5 | | | | | | | |
| 21 05 76 | 1015 | | | | | .3 | | 465 | 2.80 | 16.5 | | | | | | | |
| 23 06 76 | 1100 | | | | | .3 | | 423 | 14.00 | 22.0 | | | | | | | |
| 21 07 76 | 1045 | | | | | .3 | | 430 | 12.00 | 18.5 | | | | | | | |
| 17 08 76 | 1330 | | | | | .3 | | 440 | 15.00 | 16.5 | | | | | | | |
| 14 09 76 | 1345 | | | | | .3 | | 470 | 10.00 | 18.0 | | | | | | | |
| 12 10 76 | 1330 | | | | | .3 | | 540 | 3.40 | 18.5 | | | | | | | |
| 08 11 76 | 1345 | | | | | .3 | | 520 | 2.40 | 19.0 | | | | | | | |
| 09 12 76 | 1000 | | | | | .3 | | 620 | 2.20 | 22.5 | | | | | | | |
| MAXIMUM | | | | | | | | | 620 | 15.00 | 24.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 485 | 6.73 | 19.1 | | | | | | |
| MINIMUM | | | | | | | | | 350 | 2.20 | 13.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | | 11 | 11 | 11 | | | | | | |

B.O.W./ SITE: LAKE COUCHICHING OUTLET
SAMPLE POINT: AT HIGHWAY NO.169 WASHAGO
STATION TYPE: RIVER FLOW GAUGE FED 02ECO05

STATION ID: 03-0077-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 26 | LAT | LONG | U.T.M. 17 0632700.0 4955900.0 4 | REGION 03 | MILEAGE | 38.70 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 08 01 76 1330 | | | .3 | | 27020 | 4 | 177.00 | 10. L | 1. | 1. | | 0.0 | 10.4 | 2.2 |
| 11 03 76 1000 | | | .3 | | 27087 | 6 | 193.00 | | | | | 0.4 | 11.3 | 1.6 |
| 15 04 76 0930 | | | .3 | | 27173 | 6 | 422.00 | 4. | 1. | 1. | | 7.0 | 9.8 | 0.4 |
| 20 05 76 1755 | | | .3 | | 27254 | 6 | 382.00 | 10. L | 10. L | 10. L | | 12.8 | 9.0 | 0.8 |
| 22 06 76 1445 | | | .3 | | 27513 | 6 | 364.00 | 10. L | | 10. L | | 25.0 | 10.2 | 0.6 |
| 20 07 76 1150 | | | .3 | | 27533 | 6 | 382.00 | 60. | | 4. | | 22.0 | 9.5 | 0.6 |
| 18 08 76 1030 | | | .3 | | 27547 | 6 | 278.00 | 12. | | 16. | | 21.0 | 9.6 | 0.8 |
| 15 09 76 1030 | | | .3 | | 29567 | 6 | 235.00 | 20. | 8. | 8. | | 19.0 | 10.8 | 0.4 |
| 13 10 76 1045 | | | .3 | | 29587 | 6 | 193.00 | 1. | 1. | 2. | | 13.0 | 11.3 | 0.4 |
| 09 11 76 1030 | | | .3 | | 29607 | 6 | 193.00 | 8. | 1. | 1. | | 2.0 | 14.7 | 0.8 |
| 08 12 76 1610 | | | .3 | | 27667 | 4 | 169.00 | 88. | 2. L | 44. | | 1.0 | 16.9 | 1.0 |
| MAXIMUM | | | | | | | 422.00 | 88. | 10. | 44. | | 25.0 | 16.9 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | 271.64 | 12.* D | 2.* D | 5.* D | | 11.2 | 11.2 | 0.9 |
| MINIMUM | | | | | | | 169.00 | 1. | 1. | 1. | | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 7 | 10 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 08 | 01 | 76 | 1330 | | | .3 | | 0.009 | 0.001 | 0.010 | 0.420 | 0.003 | 0.020 | 207.0 | 2.0 | | 205 |
| 11 | 03 | 76 | 1000 | | | .3 | | 0.014 | 0.001 | 0.060 | 0.330 | 0.003 | 0.012 | | | | |
| 15 | 04 | 76 | 0930 | | | .3 | | 0.018 | 0.001L | 0.018 | 0.360 | 0.003 | 0.072 | 189.0 | 4.9 | | |
| 20 | 05 | 76 | 1755 | | | .3 | | 0.010 | 0.001L | 0.018 | 0.350 | 0.001L | 0.005L | 208.0 | 3.0 | | 205 |
| 22 | 06 | 76 | 1445 | | | .3 | | 0.014 | 0.001L | 0.010 | 0.430 | 0.001 | 0.005L | 191.0 | 2.5 | | |
| 20 | 07 | 76 | 1150 | | | .3 | | 0.013 | 0.001 | 0.002L | 0.370 | 0.001L | 0.005L | 192.0 | 2.6 | | |
| 18 | 08 | 76 | 1030 | | | .3 | | 0.017 | 0.001 | 0.016 | 0.370 | 0.001 | 0.005L | 195.0 | 3.4 | | |
| 15 | 09 | 76 | 1030 | | | .3 | | 0.039 | 0.019 | 0.008 | 0.380 | 0.001 | 0.009 | 194.0 | 5.0 | | |
| 13 | 10 | 76 | 1045 | | | .3 | | 0.010 | 0.001L | 0.008 | 0.290 | 0.001 | 0.005L | 223.0 | 2.3 | | |
| 09 | 11 | 76 | 1030 | | | .3 | | 0.014 | 0.001 | 0.010 | 0.330 | 0.001 | 0.005L | 204.0 | 1.7 | | |
| 08 | 12 | 76 | 1610 | | | .3 | | 0.010 | 0.001 | 0.010 | 0.370 | 0.001 | 0.005L | 211.0 | 3.0 | | |
| MAXIMUM | | | | | | | | 0.039 | 0.019 | 0.060 | 0.430 | 0.003 | 0.072 | 223.0 | 5.0 | | 205 |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.003D | 0.015D | 0.364 | 0.002D | 0.013D | 201.4 | 3.0 | | 205 |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.002 | 0.290 | 0.001 | 0.005 | 189.0 | 1.7 | | 205 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1330 | | | .3 | | 315 | 2.00 | 7.8 | | | | | | | |
| 11 | 03 | 76 | 1000 | | | .3 | | 325 | 1.20 | 13.5 | | | | | | | |
| 15 | 04 | 76 | 0930 | | | .3 | | 290 | 2.40 | 12.0 | | | | | | | |
| 20 | 05 | 76 | 1755 | | | .3 | | 315 | 2.00 | 13.0 | | | | | | | |
| 22 | 06 | 76 | 1445 | | | .3 | | 292 | 1.60 | 13.5 | | | | | | | |
| 20 | 07 | 76 | 1150 | | | .3 | | 290 | 1.80 | 13.0 | | | | | | | |
| 18 | 08 | 76 | 1030 | | | .3 | | 295 | 2.40 | 13.0 | | | | | | | |
| 15 | 09 | 76 | 1030 | | | .3 | | 2 | 2.9 | 14.0 | | | | | | | |
| 13 | 10 | 76 | 1045 | | | .3 | | 340 | 2.80 | 13.5 | | | | | | | |
| 09 | 11 | 76 | 1030 | | | .3 | | 310 | 1.60 | 14.5 | | | | | | | |
| 08 | 12 | 76 | 1610 | | | .3 | | 320 | 1.60 | 14.0 | | | | | | | |
| MAXIMUM | | | | | | | | 340 | 2.9 | 14.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 281 | 2.03 | 12.9 | | | | | | | |
| MINIMUM | | | | | | | | 2 | 1.20 | 7.8 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 08 | 01 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 11 | 03 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 04 | 76 | 0930 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 05 | 76 | 1755 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 07 | 76 | 1150 | | | .3 | | 1.0 | | | | | | | | | |
| 18 | 08 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 09 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 13 | 10 | 76 | 1045 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 11 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 12 | 76 | 1610 | | | .3 | | 1.0L | | | | | | | | | |
| MAXIMUM | | | | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | | | | | | | | | |

B.O.W. / SITE: PEPPERLAW BROOK
SAMPLE POINT: AT HIGHWAY 48
STATION TYPE: RIVER

STATION ID: 03-0077-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

STN NO 27 LAT LONG U.T.M. 17 0642100.0 4909900.0 4 REGION 03 MILEAGE 0.60

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 09 | 01 | 76 | 1030 | | | .3 | | 27025 | 4 | | 140. | 1. | 1. | | 0.0 | 10.9 | 1.8 |
| 11 | 03 | 76 | 1150 | | | .3 | | 27090 | 4 | | | | | | 0.0 | 11.0 | 1.4 |
| 15 | 04 | 76 | 1120 | | | .3 | | 27176 | 6 | | 1. | 1. | 8. | | 11.0 | 9.1 | 1.4 |
| 21 | 05 | 76 | 1035 | | | .3 | | 27262 | 6 | | 40. | 44. | 28. | | 12.0 | 8.4 | 1.0 |
| 23 | 06 | 76 | 1135 | | | .3 | | 27516 | 6 | | | | | | 24.8 | 8.1 | 1.0 |
| 21 | 07 | 76 | 1100 | | | .3 | | 27536 | 6 | | 500. | | 20. | | 22.8 | 7.7 | 1.0 |
| 17 | 08 | 76 | 1215 | | | .3 | | 27543 | 6 | | 400. | 1. | 20. | | 20.1 | 8.8 | 1.2 |
| 14 | 09 | 76 | 1130 | | | .3 | | 29563 | 6 | | 110. | 4. | 1. | | 18.2 | 10.4 | 0.6 |
| 12 | 10 | 76 | 1125 | | | .3 | | 29583 | 6 | | 112. | 18. | 26. | | 10.1 | 11.3 | 1.4 |
| 08 | 11 | 76 | 1135 | | | .3 | | 29603 | 6 | | 130. | 4. | 1. | | 1.5 | 15.9 | 0.9 |
| 09 | 12 | 76 | 1020 | | | .3 | | 27671 | 4 | | 130. | 14. | 20. | | 0.2 | 13.9 | 1.2 |
| MAXIMUM | | | | | | | | | | | 500. | 44. | 28. | | 24.8 | 15.9 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 85.* | 5.* | 7.* | | 11.0 | 10.5 | 1.2 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 7.7 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 8 | 9 | | 11 | 11 | 11 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 01 76 | 1030 | | | | .3 | | 0.017 | 0.002 | 0.080 | 0.430 | 0.009 | 0.740 | 332.0 | 2.0 | | |
| 11 03 76 | 1150 | | | | .3 | | 0.033 | 0.012 | 0.008 | 0.530 | 0.002 | 0.618 | | | | |
| 15 04 76 | 1120 | | | | .3 | | 0.050 | 0.001 | 0.008 | 0.600 | 0.005 | 0.095 | 263.0 | 13.0 | | |
| 21 05 76 | 1035 | | | | .3 | | 0.036 | 0.001 | 0.016 | 0.650 | 0.003 | 0.005L | 295.0 | 8.2 | | |
| 23 06 76 | 1135 | | | | .3 | | 0.043 | 0.007 | 0.020 | 0.550 | 0.005 | 0.015 | 268.0 | 5.5 | | |
| 21 07 76 | 1100 | | | | .3 | | 0.046 | 0.003 | 0.006 | 0.620 | 0.002 | 0.005L | 373.0 | 13.0 | | |
| 17 08 76 | 1215 | | | | .3 | | 0.056 | 0.023 | 0.026 | 0.700 | 0.004 | 0.036 | 284.0 | 7.9 | | |
| 14 09 76 | 1130 | | | | .3 | | 0.037 | 0.014 | 0.008 | 0.490 | 0.003 | 0.012 | 323.0 | 4.0 | | |
| 12 10 76 | 1125 | | | | .3 | | 0.032 | 0.008 | 0.006 | 0.630 | 0.003 | 0.062 | 278.0 | 3.4 | | |
| 08 11 76 | 1135 | | | | .3 | | 0.021 | 0.002 | 0.002 | 0.420 | 0.002 | 0.083 | 292.0 | 3.3 | | |
| 09 12 76 | 1020 | | | | .3 | | 0.016 | 0.004 | 0.066 | 0.410 | 0.005 | 0.535 | 315.0 | 2.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

0.056 0.023 0.080 0.700 0.009 0.790 373.0 13.0
0.035 0.007 0.022 0.548 0.004 0.205D 302.3 6.3
0.016 0.001 0.002 0.410 0.002 0.005 263.0 2.0

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 01 76 | 1030 | | | | .3 | | 520 | 2.00 | 13.0 | | | | | | | |
| 11 03 76 | 1150 | | | | .3 | | 390 | 2.50 | 11.0 | | | | | | | |
| 15 04 76 | 1120 | | | | .3 | | 405 | 4.00 | 12.5 | | | | | | | |
| 21 05 76 | 1035 | | | | .3 | | 435 | 3.00 | 11.0 | | | | | | | |
| 23 06 76 | 1135 | | | | .3 | | 405 | 3.50 | 9.5 | | | | | | | |
| 21 07 76 | 1100 | | | | .3 | | 425 | 5.90 | 10.0 | | | | | | | |
| 17 08 76 | 1215 | | | | .3 | | 410 | 5.40 | 8.0 | | | | | | | |
| 14 09 76 | 1130 | | | | .3 | | 425 | 3.60 | 10.0 | | | | | | | |
| 12 10 76 | 1125 | | | | .3 | | 495 | 2.80 | 11.0 | | | | | | | |
| 08 11 76 | 1135 | | | | .3 | | 465 | 2.20 | 12.0 | | | | | | | |
| 09 12 76 | 1020 | | | | .3 | | 550 | 2.00 | 13.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

550 5.90 13.5
448 3.36 11.0
390 2.00 8.0

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 09 01 76 | 1030 | | | | .3 | | 1.0L | | | | | | | | | |
| 11 03 76 | 1150 | | | | .3 | | 1.0L | | | | | | | | | |
| 15 04 76 | 1120 | | | | .3 | | 1.0L | | | | | | | | | |
| 21 05 76 | 1035 | | | | .3 | | 1.0L | | | | | | | | | |
| 23 06 76 | 1135 | | | | .3 | | 1.0L | | | | | | | | | |
| 21 07 76 | 1100 | | | | .3 | | 1.0L | | | | | | | | | |
| 17 08 76 | 1215 | | | | .3 | | 1.0L | | | | | | | | | |
| 14 09 76 | 1130 | | | | .3 | | 1.0L | | | | | | | | | |
| 12 10 76 | 1125 | | | | .3 | | 1.0 | | | | | | | | | |
| 08 11 76 | 1135 | | | | .3 | | 1.0L | | | | | | | | | |
| 09 12 76 | 1020 | | | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

1.0
1.0D
1.0

B.O.W./ SITE: LOVERS CREEK
SAMPLE POINT: TOLLEDALE ROAD NEAR MINET BAY
STATION TYPE: RIVER

STATION ID: 03-0077-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEVERN RIVER

STORET CODE: 02
002
2720

| STN NO | 28 | LAT | LONG | U.T.M. | 17 0607400.0 4913800.0 4 | REGION 03 | MILEAGE | 0.20 | | | | | | | | |
|--------------------|-----------|------------|---------------------|------------|--------------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 01 76 | 0900 | | | | .3 | | 27006 | 4 | | 40. | 20. | 30. | | 1.0 | 11.2 | 1.6 |
| 10 03 76 | 1130 | | | | .3 | | 27078 | 6 | | | | | | 1.8 | 10.5 | 0.4 |
| 20 05 76 | 1140 | | | | .3 | | 27245 | 6 B | | 40. | 10. L | 10. | | 11.0 | 10.4 | 0.8 |
| 22 06 76 | 1215 | | | | .3 | | 27510 | 6 | 13.9 | 300. | | 20. | | 21.5 | 9.8 | 0.6 |
| 20 07 76 | 0915 | | | | .3 | | 27530 | 6 | 6.4 | 800. | | 112. | | 19.5 | 9.8 | 0.6 |
| 18 08 76 | 1200 | | | | .3 | | 27549 | 6 | 7.5 | 1380. | | 116. | | 19.8 | 11.6 | 0.6 |
| 15 09 76 | 1230 | | | | .3 | | 29569 | 6 | 7.0 | 260. | 24. | 40. | | 17.0 | 12.7 | 0.6 |
| 13 10 76 | 1235 | | | | .3 | | 29589 | 6 | 11.4 | 84. | 16. | 22. | | 14.8 | 12.5 | 0.4 |
| 09 11 76 | 1230 | | | | .3 | | 29609 | 6 | | 36. | 18. | 2. | | 1.0 | 16.8 | 0.1 |
| 08 12 76 | 0910 | | | | .3 | | 27657 | 4 | | 112. | 16. | 18. | | 1.5 | 19.8 | 0.6 |
| | | | | | | | | | | 13.9 | 1380. | 24. | 116. | 21.5 | 19.8 | 1.6 |
| AVG OR GEOM NN (*) | | | | | | | | | | 9.2 | 153.* | 17.* D | 24.* | 10.9 | 12.5 | 0.6 |
| MINIMUM | | | | | | | | | | 6.4 | 36. | 10. | 2. | 1.0 | 9.8 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | 5 | 9 | 6 | 9 | 10 | 10 | 10 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

13.9 1380. 24. 116.
9.2 153.* 17.* D 24.*
6.4 36. 10. 2.

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|---------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 0900 | | | .3 | | 0.008 | 0.003 | 0.030 | 0.440 | 0.007 | 1.500 | 325.0 | 4.0 | | |
| 10 | 03 | 76 | 1130 | | | .3 | | 0.042 | 0.005 | 0.014 | 0.770 | 0.008 | 1.690 | 303.0 | 28.0 | | |
| 20 | 05 | 76 | 1140 | | | .3 | | 0.017 | 0.001L | 0.008 | 0.550 | 0.005 | 0.600 | 309.0 | 1.8 | | |
| 22 | 06 | 76 | 1215 | | | .3 | | 0.020 | 0.002 | 0.020 | 0.460 | 0.008 | 0.950 | | | | |
| 20 | 07 | 76 | 0915 | | | .3 | | 0.011 | 0.003 | 0.010 | 0.540 | 0.005 | 0.825 | | | | |
| 18 | 08 | 76 | 1200 | | | .3 | | 0.020 | 0.003 | 0.016 | 0.640 | 0.005 | 0.470 | | | | |
| 15 | 09 | 76 | 1230 | | | .3 | | 0.020 | 0.004 | 0.004 | 0.680 | 0.005 | 0.690 | | | | |
| 13 | 10 | 76 | 1235 | | | .3 | | 0.012 | 0.002 | 0.004 | 0.480 | 0.003 | 0.602 | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | | 0.010 | 0.002 | 0.006 | 0.460 | 0.003 | 0.812 | | | | |
| 08 | 12 | 76 | 0910 | | | .3 | | 0.008 | 0.002 | 0.042 | 0.390 | 0.001 | 1.070 | 317.0 | 3.8 | | |

| | | | | | | | | |
|--------------------|-------|--------|-------|-------|-------|-------|-------|------|
| MAXIMUM | 0.042 | 0.005 | 0.042 | 0.770 | 0.008 | 1.690 | 325.0 | 28.0 |
| AVG OR GEOM MN (*) | 0.017 | 0.003D | 0.015 | 0.541 | 0.005 | 0.921 | 313.5 | 9.4 |
| MINIMUM | 0.008 | 0.001 | 0.004 | 0.390 | 0.001 | 0.470 | 303.0 | 1.8 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 0900 | | | .3 | | 500 | 2.00 | 20.0 | | | | | | | |
| 10 | 03 | 76 | 1130 | | | .3 | | 485 | 6.20 | 24.5 | | | | | | | |
| 20 | 05 | 76 | 1140 | | | .3 | | 465 | 1.20 | 12.5 | | | | | | | |
| 22 | 06 | 76 | 1215 | | | .3 | | 423 | 3.50 | 17.5 | | | | | | | |
| 20 | 07 | 76 | 0915 | | | .3 | | 454 | 1.30 | 14.5 | | | | | | | |
| 18 | 08 | 76 | 1200 | | | .3 | | 470 | 1.20 | 14.5 | | | | | | | |
| 15 | 09 | 76 | 1230 | | | .3 | | 500 | 1.40 | 17.5 | | | | | | | |
| 13 | 10 | 76 | 1235 | | | .3 | | 560 | 1.40 | 16.5 | | | | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | | 510 | 1.40 | 20.0 | | | | | | | |
| 08 | 12 | 76 | 0910 | | | .3 | | 540 | 2.20 | 25.0 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 560 | 6.20 | 25.0 |
| AVG OR GEOM MN (*) | 491 | 2.18 | 18.3 |
| MINIMUM | 423 | 1.20 | 12.5 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W./ SITE: MUSKOKA RIVER
SAMPLE POINT: HIGHWAY 103 2.5 MILES NORTH OF JUNCTION 103 AND 660
STATION TYPE: RIVER FLOW GAUGE FED 02EB012
STATION ID: 03-0085-001-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER
STORET CODE: 02
002
2980

STN NO 1 LAT LONG U.T.M. 17 0595800.0 4986025.0 4 REGION 03 MILEAGE 11.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 08 | 01 | 76 | 1005 | | | .3 | | 27016 | 4 | 3250.00 | 10. L | 1. | 1. | 0.0 | 9.4 | 2.0 | |
| 10 | 03 | 76 | 1345 | | | .3 | | 27081 | 6 | 3210.00 | | | | 2.0 | 10.7 | 0.4 | |
| 14 | 04 | 76 | 1330 | | | .3 | | 27166 | 6 | 3250.00 | 10. L | 1. | 1. | 10.0 | 10.2 | 2.6 | |
| 20 | 05 | 76 | 1945 | | | .3 | | 27248 | 6 | 1900.00 | 20. | 4. | 1. | 11.0 | 9.2 | | |
| | | | | | | .3 | | 27258 | 6 | 1900.00 | 20. | 4. | 1. | 11.0 | 9.2 | 0.4 | |
| 23 | 06 | 76 | 1530 | | | .3 | | 27318 | 6 | 504.00 | 200. | | 36. | 22.5 | 11.0 | 0.4 | |
| 20 | 07 | 76 | 1200 | | | .3 | | 27342 | 6 | 1250.00 | 20. | | 1. | 21.2 | 12.0 | 0.4 | |
| 19 | 08 | 76 | 1335 | | | .3 | | 27405 | 6 | 790.00 | | | | 23.0 | 13.7 | 0.8 | |
| 15 | 09 | 76 | 1230 | | | .3 | | 27478 | 6 | 129.00 | 16. | 1. | 1. | 18.9 | 11.7 | 0.2 | |
| 21 | 10 | 76 | 1608 | | | .3 | | 27541 | 6 | 377.00 | 12. | 2. | 1. | 8.0 | 10.0 | 1.2 | |
| 09 | 11 | 76 | 1608 | | | .3 | | 27598 | 6 | 1270.00 | 8. | 16. | 4. | 0.5 | 12.0 | 0.6 | |
| 08 | 12 | 76 | 1400 | | | .3 | | 27662 | 6 | 2700.00 | 12. | 4. | 4. | 0.9 | 16.3 | 0.6 | |

| | | | | | | | | | |
|--------------------|--|--|---------|--------|-----|-----|------|------|-----|
| MAXIMUM | | | 3250.00 | 200. | 16. | 36. | 23.0 | 16.3 | 2.6 |
| AVG OR GEOM MN (*) | | | 1710.83 | 18.* D | 3.* | 2.* | 10.8 | 11.3 | 0.9 |
| MINIMUM | | | 129.00 | 8. | 1. | 1. | 0.0 | 9.2 | 0.2 |
| NO OF SAMPLES | | | 12 | 10 | 8 | 10 | 12 | 12 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|---------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 08 | 01 | 76 | 1005 | | | .3 | | 0.004 | 0.003 | 0.020 | 0.200 | 0.002 | 0.240 | 42.0 | 3.0 | | 39 |
| 10 | 03 | 76 | 1345 | | | .3 | | 0.012 | 0.003 | 0.014 | 0.200 | 0.002 | 0.248 | 30.0 | 1.4 | | 29 |
| 14 | 04 | 76 | 1330 | | | .3 | | 0.035 | 0.003 | 0.002 | 0.510 | 0.007 | 0.298 | 195.0 | 13.0 | | |
| 20 | 05 | 76 | 1945 | | | .3 | | 0.005 | 0.001 | 0.008 | 0.200 | 0.002 | 0.218 | 30.0 | 1.3 | | 29 |
| 23 | 06 | 76 | 1530 | | | .3 | | 0.032 | 0.001L | 0.021 | 0.370 | 0.002 | 0.148 | 35.0 | 3.1 | | 32 |
| 20 | 07 | 76 | 1200 | | | .3 | | 0.005 | 0.001 | 0.008 | 0.210 | 0.002 | 0.138 | 31.0 | 2.1 | | 29 |
| 19 | 08 | 76 | 1335 | | | .3 | | 0.018 | 0.001L | 0.024 | 0.390 | 0.001 | 0.005L | 153.0 | 1.5 | 151 | 159 |
| 15 | 09 | 76 | 1230 | | | .3 | | | | | | | | 30.0 | 1.2 | | 29 |
| 21 | 10 | 76 | 1608 | | | .3 | | 0.005 | 0.002 | 0.012 | 0.200 | 0.002 | 0.093 | 32.0 | 3.4 | | 29 |
| 09 | 11 | 76 | 1608 | | | .3 | | 0.029 | 0.005 | 0.008 | 0.630 | 0.003 | 0.792 | 316.0 | 4.8 | 311 | |
| 08 | 12 | 76 | 1400 | | | .3 | | 0.004 | 0.002 | 0.016 | 0.210 | 0.001 | 0.139 | 31.0 | 1.7 | | 29 |

| | | | | | | | | | | |
|--------------------|-------|--------|-------|-------|-------|--------|-------|------|-----|-----|
| MAXIMUM | 0.035 | 0.005 | 0.024 | 0.630 | 0.007 | 0.792 | 316.0 | 13.0 | 311 | 159 |
| AVG OR GEOM MN (*) | 0.015 | 0.002D | 0.013 | 0.312 | 0.002 | 0.232D | 84.1 | 3.3 | 231 | 45 |
| MINIMUM | 0.004 | 0.001 | 0.002 | 0.200 | 0.001 | 0.005 | 30.0 | 1.2 | 151 | 29 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 2 | 9 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 01 | 76 | 1005 | | | .3 | | 56 | 1.50 | 2.5 | | | | | | | |
| 10 | 03 | 76 | 1345 | | | .3 | | 46 | 1.10 | 2.6 | | | | | | | |
| 14 | 04 | 76 | 1330 | | | .3 | | 280 | 7.40 | 8.7 | | | | | | | |
| 20 | 05 | 76 | 1945 | | | .3 | | 47 | 0.95 | 2.5 | 8.0 | 1.70 | | 7.35 | | 0.110 | |
| 23 | 06 | 76 | 1530 | | | .3 | | 48 | 0.90 | 2.7 | 8.5 | 1.50 | | 6.93 | | 0.170 | |
| 20 | 07 | 76 | 1200 | | | .3 | | 44 | 1.00 | 2.5 | 8.0 | 1.70 | | 7.02 | | 0.070 | |
| 19 | 08 | 76 | 1335 | | | .3 | | 245 | 0.85 | 10.5 | 18.5 | 0.75 | | 8.44 | | 0.050 | |
| 15 | 09 | 76 | 1230 | | | .3 | | 47 | 0.96 | | | | | 7.06 | | | |
| 21 | 10 | 76 | 1608 | | | .3 | | 47 | 1.40 | 2.8 | 9.0 | 1.30 | | 6.78 | | 0.110 | |
| 09 | 11 | 76 | 1608 | | | .3 | | 520 | 2.80 | 25.5 | 20.5 | 4.10 | | 8.34 | | 0.190 | |
| 08 | 12 | 76 | 1400 | | | .3 | | 45 | 2.20 | 4.0 | 8.0 | 1.55 | | 6.84 | | 0.060 | |

| | | | | | | | | |
|--------------------|-----|------|------|------|------|--|------|-------|
| MAXIMUM | 520 | 7.40 | 25.5 | 20.5 | 4.10 | | 8.44 | 0.190 |
| AVG OR GEOM MN (*) | 130 | 1.92 | 6.4 | 11.5 | 1.80 | | 7.35 | 0.109 |
| MINIMUM | 44 | 0.85 | 2.5 | 8.0 | 0.75 | | 6.78 | 0.050 |
| NO OF SAMPLES | 11 | 11 | 10 | 7 | 7 | | 8 | 7 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 08 | 01 | 76 | 1005 | | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 1345 | | | .3 | | | | | | | | | | | |
| 14 | 04 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 1945 | | | .3 | | 1.0L | | | | | | | 5 | 10 | |
| 23 | 06 | 76 | 1530 | | | .3 | | 1.0 | | | | | | | 5 | 12 | |
| 20 | 07 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | 4 | 20 | |
| 19 | 08 | 76 | 1335 | | | .3 | | 1.0L | | | | | | | 8 | 14 | |
| 15 | 09 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | 8 | 10L | 0 |
| 21 | 10 | 76 | 1608 | | | .3 | | 1.0L | | | | | | | 1 | 10 | |
| 09 | 11 | 76 | 1608 | | | .3 | | 1.0L | | | | | | | 11 | 38 | |
| 08 | 12 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | 4 | 14 | |

| | | | | | | | | | |
|--------------------|------|--|--|--|--|--|----|-----|---|
| MAXIMUM | 1.0 | | | | | | 11 | 38 | 0 |
| AVG OR GEOM MN (*) | 1.00 | | | | | | 6 | 160 | 0 |
| MINIMUM | 1.0 | | | | | | 1 | 10 | 0 |
| NO OF SAMPLES | 8 | | | | | | 8 | 8 | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 05 | 76 | 1945 | | | .3 | | | 0.050L | | 0.050 | 0.010 | 0.010L | 0.010L | 0.020 | | 0.010L |
| 15 | 09 | 76 | 1230 | | | .3 | | 0.001L | 0.020L | | 0.020 | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| 08 | 12 | 76 | 1400 | | | .3 | | 0.001L | 0.020 | | 0.020L | 0.010L | 0.010L | 0.005L | 0.020 | | 0.010L |

| | | | | | | | | | |
|--------------------|--------|--------|--|--------|--------|--------|--------|--------|--------|
| MAXIMUM | 0.001 | 0.050 | | 0.050 | 0.010 | 0.010 | 0.010 | 0.020 | 0.010 |
| AVG OR GEOM MN (*) | 0.001D | 0.0300 | | 0.0300 | 0.0100 | 0.0100 | 0.0080 | 0.0170 | 0.0100 |
| MINIMUM | 0.001 | 0.020 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | 0.010 |
| NO OF SAMPLES | 2 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 |

B.O.W./ SITE: ROSSEAU LAKE OUTLET
SAMPLE POINT: HIGHWAY 118 PORT CARLING
STATION TYPE: RIVER

STATION ID: 03-0085-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 2 LAT LONG U.T.M. 17 0611945.0 4997050.0 4 REGION 03 MILEAGE 34.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 07 | 76 | 1000 | | | .3 | | 28004 | 6 | | 30. | | 4. | | 22.0 | 7.0 | 0.8 |
| 27 | 10 | 76 | 1200 | | | .3 | | 28012 | | | 16. | 1. | 1. | | | | 1.3 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|-----|--|-----|--|------|-----|-----|
| MAXIMUM | | | | | | | | 30. | | | 1. | | 4. | | 22.0 | 7.0 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | 22.* | | | 1.* | | 2.* | | 22.0 | 7.0 | 1.1 |
| MINIMUM | | | | | | | | 16. | | | 1. | | 1. | | 22.0 | 7.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | 2 | | | 1 | | 2 | | 1 | 1 | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 07 | 76 | 1000 | | | .3 | | 0.005 | 0.001L | 0.014 | 0.250 | 0.002 | 0.123 | | | | |
| 27 | 10 | 76 | 1200 | | | .3 | | 0.003 | 0.001 | 0.010 | 0.200 | 0.002 | 0.108 | | | | |

| | | | | | | | | | |
|--------------------|-------|--------|-------|-------|-------|-------|--|--|--|
| MAXIMUM | 0.005 | 0.001 | 0.014 | 0.250 | 0.002 | 0.123 | | | |
| AVG OR GEOM MN (*) | 0.004 | 0.0010 | 0.012 | 0.225 | 0.002 | 0.116 | | | |
| MINIMUM | 0.003 | 0.001 | 0.010 | 0.200 | 0.002 | 0.108 | | | |
| NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | 2 | | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 07 | 76 | 1000 | | .3 | | 44 | 0.60 | 2.6 | | | | | | | |
| 27 | 10 | 76 | 1200 | | .3 | | 44 | 0.9 | 2.3 | | | | | | | |
| MAXIMUM | | | | | | | 44 | 0.9 | 2.6 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 44 | 0.75 | 2.5 | | | | | | | |
| MINIMUM | | | | | | | 44 | 0.60 | 2.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: MUSKOKA LAKE OUTLET
SAMPLE POINT: HIGHWAY 69 BALA
STATION TYPE: RIVER FLOW GAUGE FED 02EB006

STATION ID: 03-0085-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 3 | LAT | LONG | U.T.M. 17 0609150.0 4985175.0 4 | | | | | | | | REGION 03 | MILEAGE | 21.40 | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|--------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L | |
| 27 | 07 | 76 | 0915 | | | .3 | | 28003 | 6 | 650.00 | 1. | | 1. | | 21.0 | 7.8 | 0.6 | |
| 10 | 10 | 76 | 1200 | | | .3 | | 28011 | | 672.00 | 8. | 1. | 1. | | | | 1.1 | |
| MAXIMUM | | | | | | | | | | 672.00 | 8. | 1. | 1. | | 21.0 | 7.8 | 1.1 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 661.00 | 3.* | 1.* | 1.* | | 21.0 | 7.8 | 0.9 | |
| MINIMUM | | | | | | | | | | 650.00 | 1. | 1. | 1. | | 21.0 | 7.8 | 0.6 | |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 1 | 2 | | 1 | 1 | 2 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 27 | 07 | 76 | 0915 | | | .3 | | 0.199 | 0.016 | 0.008 | 0.210 | 0.002 | 0.108 | 31.0 | 1.7 | | | |
| 10 | 10 | 76 | 1200 | | | .3 | | 0.041 | 0.004 | 0.010 | 0.220 | 0.001 | 0.134 | 32.0 | 3.3 | | | |
| MAXIMUM | | | | | | | | | | 0.199 | 0.016 | 0.010 | 0.220 | 0.002 | 0.134 | 32.0 | 3.3 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.120 | 0.010 | 0.009 | 0.215 | 0.002 | 0.121 | 31.5 | 2.5 | |
| MINIMUM | | | | | | | | | | 0.041 | 0.004 | 0.008 | 0.210 | 0.001 | 0.108 | 31.0 | 1.7 | |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 27 | 07 | 76 | 0915 | | | .3 | | 45 | 0.75 | 2.5 | 10.0 | 1.60 | 2.0 | 9 | 7.15 | | 0.030 | |
| 10 | 10 | 76 | 1200 | | | .3 | | 45 | 0.90 | 2.2 | 8.5 | 1.50 | 0.7 | 11 | 6.91 | | 0.100 | |
| MAXIMUM | | | | | | | | | | 45 | 0.90 | 2.5 | 10.0 | 1.60 | 2.0 | 11 | 7.15 | 0.100 |
| AVG OR GEOM MN (*) | | | | | | | | | | 45 | 0.83 | 2.4 | 9.3 | 1.55 | 1.4 | 10 | 7.03 | 0.085 |
| MINIMUM | | | | | | | | | | 45 | 0.75 | 2.2 | 8.5 | 1.50 | 0.7 | 9 | 6.91 | 0.030 |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L | |
| 27 | 07 | 76 | 0915 | | | .3 | | 1.0L | 11.0 | | | 10 | 0.70 | 2.30 | | 20 | | |
| 10 | 10 | 76 | 1200 | | | .3 | | 1.0L | 14.0 | 3.50 | 1.00 | 10 | 0.65 | 1.80 | | 20 | | |
| MAXIMUM | | | | | | | | | | 1.0 | 14.0 | 3.50 | 1.00 | 10 | 0.70 | 2.30 | 20 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 1.0D | 12.5 | 3.50 | 1.00 | 10 | 0.68 | 2.05 | 20 | |
| MINIMUM | | | | | | | | | | 1.0 | 11.0 | 3.50 | 1.00 | 10 | 0.65 | 1.80 | 20 | |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 1 | 1 | 2 | 2 | 2 | | 2 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L | |
| 27 | 07 | 76 | 0915 | | | .3 | | | | 0.050 | | 0.010 | | | 0.010L | 0.008 | 0.010L | |
| 10 | 10 | 76 | 1200 | | | .3 | | | | 0.050L | | 0.020 | | | 0.010 | 0.020 | 0.010L | |
| MAXIMUM | | | | | | | | | | | | 0.050 | | 0.020 | | 0.010 | 0.020 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.050D | | 0.015 | | 0.010D | 0.014 | 0.010D |
| MINIMUM | | | | | | | | | | | | 0.050 | | 0.010 | | 0.010 | 0.008 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | | 2 | | 2 | 2 | 2 |

CONT'D

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 60 | 272 | 217 | 451 | 452 | 453 | 454 | 455 | 456 | 934 |
|--------------------|------|-----|-------|----|----------|---------|--------|----------|---------|---------|---------|---------|---------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | FLUORIDE | SIMPLE | TOTAL | RADIUM | GROSS*A | GROSS*A | GROSS*B | GROSS*B | URANIUM | SAMPLE |
| | FEET | | MTRS | | MG/L | CYANIDE | COBALT | 226 DISS | DISS | UNDISS | DISS | UNDISS | 238 | NO |
| | | | | | | | | PCI/L | PCI/L | PCI/L | PCI/L | PCI/L | UG/L | |
| 27 07 76 0915 | | | .3 | | 0.1 | | | | | | | | | 28003 |
| 10 10 76 1200 | | | .3 | | 0.1L | | | | | | | | | 28011 |
| MAXIMUM | | | | | 0.1 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 0.1D | | | | | | | | | |
| MINIMUM | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | 2 | | | | | | | | | |

B.O.W./ SITE: MUSKOKA RIVER SOUTH
SAMPLE POINT: HIGHWAY 11 MUSKOKA FALLS
STATION TYPE: RIVER

STATION ID: 03-0085-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 4 | LAT | LONG | U.T.M. | 17 0633800.0 | 4984350.0 | 4 | REGION 03 | MILEAGE | 43.30 | | | | |
|--------------------|------|-----|-------|--------|--------------|-----------|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 27 07 76 1330 | | | .3 | | 28002 | 6 | | 80. | | 4. | | 23.0 | 7.2 | 1.0 |
| 27 10 76 1200 | | | .3 | | 28010 | | | 12. | 2. | 1. | | | | 1.1 |
| MAXIMUM | | | | | | | | 80. | 2. | 4. | | 23.0 | 7.2 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | | 31.* | 2.* | 2.* | | 23.0 | 7.2 | 1.1 |
| MINIMUM | | | | | | | | 12. | 2. | 1. | | 23.0 | 7.2 | 1.0 |
| NO OF SAMPLES | | | | | | | | 2 | 1 | 2 | | 1 | 1 | 2 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 07 76 1330 | | | .3 | | 0.006 | 0.001L | 0.008 | 0.220 | 0.002 | 0.108 | | | | |
| 27 10 76 1200 | | | .3 | | 0.009 | 0.002 | 0.008 | 0.230 | 0.002 | 0.118 | | | | |
| MAXIMUM | | | | | 0.009 | 0.002 | 0.008 | 0.230 | 0.002 | 0.118 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.008 | 0.002D | 0.008 | 0.225 | 0.002 | 0.113 | | | | |
| MINIMUM | | | | | 0.006 | 0.001 | 0.008 | 0.220 | 0.002 | 0.108 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 27 07 76 1330 | | | .3 | | 39 | 0.75 | 1.5 | | | | | | | |
| 27 10 76 1200 | | | .3 | | 40 | 1.0 | 1.3 | | | | | | | |
| MAXIMUM | | | | | 40 | 1.0 | 1.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 40 | 0.88 | 1.4 | | | | | | | |
| MINIMUM | | | | | 39 | 0.75 | 1.3 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: MARY LAKE OUTLET
SAMPLE POINT: HIGHWAY 516 PORT SYDNEY
STATION TYPE: RIVER FLOW GAUGE FED 02EB004

STATION ID: 03-0085-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 6 | LAT | LONG | U.T.M. | 17 0635450.0 | 5007850.0 | 4 | REGION 03 | MILEAGE | 57.40 | | | | |
|--------------------|------|-----|-------|--------|--------------|-----------|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 10 02 76 1230 | | | 1.0 | | 28504 | 6 | 702.00 | 20. | 10. L | 10. L | | 1.0 | 12.0 | 2.2 |
| 30 03 76 1240 | | | .3 | | 28509 | 6 | 4000.00 | | | | | 2.0 | 13.0 | 0.6 |
| 28 04 76 1200 | | | .3 | | 28518 | | 1510.00 | 1. | 1. | 1. | | | | 1.0 |
| 01 06 76 1200 | | | .3 | | 28525 | | 607.00 | 40. | | 1. | | | | 0.8 |
| 08 07 76 1050 | | | .3 | | 28532 | | 575.00 | 70. | | 100. L | | | | 1.0 |
| 24 08 76 1330 | | | .3 | | 28539 | 6 | 243.00 | 100. | 1. | 1. | | 23.0 | 8.0 | 1.0 |
| 10 09 76 1200 | | | .3 | | 28546 | | 220.00 | 1. | 4. | 1. | | | | 0.6 |
| 31 12 76 1200 | | | .3 | | 28553 | | 471.00 | | | | | | | 0.6 |
| MAXIMUM | | | | | | | 4000.00 | 100. | 10. | 100. | | 23.0 | 13.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | 1041.00 | 13.* | 3.* D | 3.* D | | 8.7 | 11.0 | 1.0 |
| MINIMUM | | | | | | | 220.00 | 1. | 1. | 1. | | 1.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | 8 | 6 | 4 | 6 | | 3 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 02 | 76 | 1230 | | | 1.0 | | 0.003 | 0.001L | 0.030 | 0.290 | 0.003 | 0.262 | | | | |
| 30 | 03 | 76 | 1240 | | | .3 | | 0.007 | 0.001L | 0.014 | 0.290 | 0.003 | 0.287 | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 0.008 | 0.001 | 0.004 | 0.220 | 0.003 | 0.277 | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 0.008 | 0.001 | 0.002 | 0.230 | 0.003 | 0.207 | | | | |
| 08 | 07 | 76 | 1050 | | | .3 | | 0.008 | 0.001 | 0.006 | 0.290 | 0.003 | 0.247 | | | | |
| 24 | 08 | 76 | 1330 | | | .3 | | 0.002 | 0.002 | 0.004 | 0.230 | 0.002 | 0.158 | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 0.005 | 0.001L | 0.010 | 0.230 | 0.002 | 0.178 | | | | |
| 31 | 12 | 76 | 1200 | | | .3 | | 0.002 | 0.001 | 0.014 | 0.210 | 0.002 | 0.238 | | | | |

| | | | | | | |
|--------------------|-------|--------|-------|-------|-------|-------|
| MAXIMUM | 0.008 | 0.002 | 0.030 | 0.290 | 0.003 | 0.287 |
| AVG OR GEOM MN (*) | 0.005 | 0.001D | 0.011 | 0.249 | 0.003 | 0.232 |
| MINIMUM | 0.002 | 0.001 | 0.002 | 0.210 | 0.002 | 0.158 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 02 | 76 | 1230 | | | 1.0 | | 48 | 0.90 | 1.4 | | | | | | | |
| 30 | 03 | 76 | 1240 | | | .3 | | 47 | 1.00 | 3.0 | | | | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 44 | 1.00 | 2.2 | | | | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 43 | 0.75 | 2.2 | | | | | | | |
| 08 | 07 | 76 | 1050 | | | .3 | | 43 | 0.60 | 2.1 | | | | | | | |
| 24 | 08 | 76 | 1330 | | | .3 | | 45 | 1.00 | 2.1 | | | | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 50 | 0.60 | 2.0 | | | | | | | |
| 31 | 12 | 76 | 1200 | | | .3 | | 47 | 0.60 | 2.1 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 50 | 1.00 | 3.0 |
| AVG OR GEOM MN (*) | 46 | 0.81 | 2.1 |
| MINIMUM | 43 | 0.60 | 1.4 |
| NO OF SAMPLES | 8 | 8 | 8 |

B.O.W./ SITE: FAIRY LAKE OUTLET
SAMPLE POINT: HIGHWAY 527 HUNTSVILLE
STATION TYPE: RIVER

STATION ID: 03-0085-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 7 LAT LONG U.T.M. 17 0640850.0 5018100.0 4 REGION 03 MILEAGE 65.40

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 301 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 02 | 76 | 1130 | | | 1.0 | | 28503 | 6 | | 550. | 210. | 10. | | 1.0 | 10.0 | 1.8 |
| 30 | 03 | 76 | 1130 | | | .3 | | 28508 | 6 | | | | | | 2.0 | 12.0 | 0.8 |
| 28 | 04 | 76 | 1200 | | | .3 | | 28517 | | | 108. | 1. | 1. | | | | 1.0 |
| 01 | 06 | 76 | 1200 | | | .3 | | 28524 | | | | | | | | | 0.6 |
| 08 | 07 | 76 | 1010 | | | .3 | | 28531 | | | 190. | | 100. L | | | | 2.0 |
| 24 | 08 | 76 | 1035 | | | .3 | | 28538 | 6 | | 100. | 1. | 1. | | 22.0 | 8.0 | 1.0 |
| 10 | 09 | 76 | 1200 | | | .3 | | 28545 | | | 30. | 4. | 2. | | | | 0.6 |
| 31 | 12 | 76 | 1200 | | | .3 | | 28552 | | | | | | | | | 0.4 |

| | | | | | | |
|--------------------|-------|------|-------|------|------|-----|
| MAXIMUM | 550. | 210. | 100. | 22.0 | 12.0 | 2.0 |
| AVG OR GEOM MN (*) | 128.* | 5.* | 5.* D | 8.3 | 10.0 | 1.0 |
| MINIMUM | 30. | 1. | 1. | 1.0 | 8.0 | 0.4 |
| NO OF SAMPLES | 5 | 4 | 5 | 3 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 02 | 76 | 1130 | | | 1.0 | | 0.004 | 0.001 | 0.040 | 0.290 | 0.003 | 0.252 | | | | |
| 30 | 03 | 76 | 1130 | | | .3 | | 0.010 | 0.001L | 0.008 | 0.250 | 0.003 | 0.312 | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 0.010 | 0.001 | 0.010 | 0.270 | 0.003 | 0.302 | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 0.016 | 0.001 | 0.004 | 0.290 | 0.003 | 0.197 | | | | |
| 08 | 07 | 76 | 1010 | | | .3 | | 0.009 | 0.001 | 0.010 | 0.280 | 0.003 | 0.202 | | | | |
| 24 | 08 | 76 | 1035 | | | .3 | | 0.013 | 0.002 | 0.004 | 0.280 | 0.002 | 0.113 | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 0.011 | 0.001 | 0.008 | 0.260 | 0.002 | 0.138 | | | | |
| 31 | 12 | 76 | 1200 | | | .3 | | 0.009 | 0.004 | 0.038 | 0.250 | 0.001 | 0.219 | | | | |

| | | | | | | |
|--------------------|-------|--------|-------|-------|-------|-------|
| MAXIMUM | 0.016 | 0.004 | 0.040 | 0.290 | 0.003 | 0.312 |
| AVG OR GEOM MN (*) | 0.010 | 0.002D | 0.015 | 0.271 | 0.003 | 0.217 |
| MINIMUM | 0.004 | 0.001 | 0.004 | 0.250 | 0.001 | 0.113 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 |

CONT'D

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 10 02 76 1130 | | | 1.0 | | 49 | 0.90 | 2.3 | | | | | | | |
| 30 03 76 1130 | | | .3 | | 47 | 1.60 | 2.8 | | | | | | | |
| 28 04 76 1200 | | | .3 | | 43 | 1.20 | 2.0 | | | | | | | |
| 01 06 76 1200 | | | .3 | | 41 | 1.10 | 1.8 | | | | | | | |
| 08 07 76 1010 | | | .3 | | 44 | 1.10 | 2.2 | | | | | | | |
| 24 08 76 1035 | | | .3 | | 45 | 1.10 | 1.4 | | | | | | | |
| 10 09 76 1200 | | | .3 | | 46 | 1.00 | 1.9 | | | | | | | |
| 31 12 76 1200 | | | .3 | | 47 | 0.70 | 2.0 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 49 | 1.60 | 2.8 |
| AVG OR GEOM MN (*) | 45 | 1.09 | 2.1 |
| MINIMUM | 41 | 0.70 | 1.4 |
| NO OF SAMPLES | 8 | 8 | 8 |

B.O.W./ SITE: LAKE VERNON OUTLET
SAMPLE POINT: HIGHWAY 11B HUNTSVILLE
STATION TYPE: RIVER

STATION ID: 03-0085-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 8 LAT LONG U.T.M. 17 0639855.0 5020800.0 4 REGION 03 MILEAGE 68.40

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 10 02 76 1115 | | | 1.0 | | 28502 | 6 | | 10. | 10. | 10. | | 3.5 | 12.0 | 1.2 |
| 30 03 76 1110 | | | .3 | | 28507 | 6 | | | | | | 3.0 | 13.0 | 1.4 |
| 28 04 76 1200 | | | .3 | | 28515 | | | 52. | 1. | 1. | | | | 1.2 |
| 01 06 76 1200 | | | .3 | | 28522 | | | 390. | | 4. | | | | 2.0 |
| 08 07 76 0945 | | | .3 | | 28529 | | | 100. L | | 8. | | | | 1.0 |
| 24 08 76 1020 | | | .3 | | 28536 | 6 | | 700. | 12. | 12. | | 22.0 | 8.0 | 0.6 |
| 10 09 76 1200 | | | .3 | | 28543 | | | 230. | 6. | 10. | | | | 0.6 |
| 31 12 76 1200 | | | .3 | | 28550 | | | | | | | | | 0.6 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|---------|-----|-----|--|------|------|-----|
| MAXIMUM | | | | | | | | 700. | 12. | 12. | | 22.0 | 13.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 122.* D | 5.* | 6.* | | 9.5 | 11.0 | 1.1 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 3.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 6 | 4 | 6 | | 3 | 3 | 8 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 02 76 1115 | | | 1.0 | | 0.003 | 0.001 | 0.030 | 0.300 | 0.003 | 0.252 | | | | |
| 30 03 76 1110 | | | .3 | | 0.021 | 0.002 | 0.028 | 0.290 | 0.005 | 0.370 | | | | |
| 28 04 76 1200 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.260 | 0.003 | 0.212 | | | | |
| 01 06 76 1200 | | | .3 | | 0.026 | 0.019 | 0.004 | 0.290 | 0.003 | 0.187 | | | | |
| 08 07 76 0945 | | | .3 | | 0.021 | 0.001 | 0.006 | 0.290 | 0.002 | 0.178 | | | | |
| 24 08 76 1020 | | | .3 | | 0.012 | 0.001 | 0.002L | 0.250 | 0.003 | 0.087 | | | | |
| 10 09 76 1200 | | | .3 | | 0.005 | 0.001 | 0.010 | 0.240 | 0.002 | 0.108 | | | | |
| 31 12 76 1200 | | | .3 | | 0.002 | 0.002 | 0.018 | 0.210 | 0.002 | 0.208 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.026 | 0.019 | 0.030 | 0.300 | 0.005 | 0.370 |
| AVG OR GEOM MN (*) | 0.013 | 0.004 | 0.013D | 0.266 | 0.003 | 0.200 |
| MINIMUM | 0.002 | 0.001 | 0.002 | 0.210 | 0.002 | 0.087 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 10 02 76 1115 | | | 1.0 | | 73 | 0.85 | 2.0 | | | | | | | |
| 30 03 76 1110 | | | .3 | | 52 | 1.40 | 1.9 | | | | | | | |
| 28 04 76 1200 | | | .3 | | 40 | 1.40 | 1.4 | | | | | | | |
| 01 06 76 1200 | | | .3 | | 38 | 1.30 | 1.3 | | | | | | | |
| 08 07 76 0945 | | | .3 | | 42 | 1.70 | 1.7 | | | | | | | |
| 24 08 76 1020 | | | .3 | | 43 | 1.40 | 1.1 | | | | | | | |
| 10 09 76 1200 | | | .3 | | 44 | 1.60 | 1.3 | | | | | | | |
| 31 12 76 1200 | | | .3 | | 46 | 0.80 | 1.6 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 73 | 1.70 | 2.0 |
| AVG OR GEOM MN (*) | 47 | 1.31 | 1.5 |
| MINIMUM | 38 | 0.80 | 1.1 |
| NO OF SAMPLES | 8 | 8 | 8 |

B.O.W./ SITE: LAKE OF BAYS OUTLET
SAMPLE POINT: HIGHWAY 118 BAYSVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02E8008

STATION ID: 03-0085-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 9 | LAT | LONG | U.T.M. 17 0648450.0 5001115.0 4 | REGION 03 | MILEAGE | 66.80 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 10 02 76 1400 | | | 1.0 | | 28505 | 6 | 986.00 | 10. L | 10. L | 10. L | | 2.0 | 11.0 | 1.0 |
| 30 03 76 1305 | | | .3 | | 28510 | | 3040.00 | | | | | 3.5 | 12.5 | 0.6 |
| 28 04 76 1200 | | | .3 | | 28519 | | 1590.00 | 1. | 1. | 1. | | | | 1.0 |
| 01 06 76 1200 | | | .3 | | 28526 | | 480.00 | 1. | | 1. | | | | 1.2 |
| 08 07 76 1120 | | | .3 | | 28533 | | 1300.00 | 50. | | 100. L | | | | 1.4 |
| 24 08 76 1425 | | | .3 | | 28540 | 6 | 218.00 | 10. | 1. | 1. | | 23.5 | 8.0 | 1.0 |
| 10 09 76 1200 | | | .3 | | 28547 | | 177.00 | 1. | 1. | 1. | | | | 0.4 |
| 31 12 76 1200 | | | .3 | | 28554 | | | | | | | | | 0.4 |
| MAXIMUM | | | | | | | 3040.00 | 50. | 10. | 100. | | 23.5 | 12.5 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | 1113.00 | 4.* D | 2.* D | 3.* D | | 9.7 | 10.5 | 0.9 |
| MINIMUM | | | | | | | 177.00 | 1. | 1. | 1. | | 2.0 | 8.0 | 0.4 |
| NO OF SAMPLES | | | | | | | 7 | 6 | 4 | 6 | | 3 | 3 | 8 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KUJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 10 02 76 1400 | | | 1.0 | | 0.001 | 0.001 | 0.010 | 0.210 | 0.001 | 0.229 | | | | |
| 30 03 76 1305 | | | .3 | | 0.004 | 0.001L | 0.020 | 0.200 | 0.001 | 0.239 | | | | |
| 28 04 76 1200 | | | .3 | | 0.009 | 0.001L | 0.008 | 0.170 | 0.001 | 0.209 | | | | |
| 01 06 76 1200 | | | .3 | | 0.005 | 0.001L | 0.002 | 0.180 | 0.002 | 0.163 | | | | |
| 08 07 76 1120 | | | .3 | | 0.005 | 0.001 | 0.006 | 0.220 | 0.002 | 0.183 | | | | |
| 24 08 76 1425 | | | .3 | | 0.014 | 0.002 | 0.002L | 0.230 | 0.002 | 0.088 | | | | |
| 10 09 76 1200 | | | .3 | | 0.003 | 0.001L | 0.010 | 0.180 | 0.001 | 0.104 | | | | |
| 31 12 76 1200 | | | .3 | | 0.003 | 0.001 | 0.008 | 0.140 | 0.001 | 0.189 | | | | |
| MAXIMUM | | | | | 0.014 | 0.002 | 0.020 | 0.230 | 0.002 | 0.239 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.006 | 0.001D | 0.008D | 0.191 | 0.001 | 0.176 | | | | |
| MINIMUM | | | | | 0.001 | 0.001 | 0.002 | 0.140 | 0.001 | 0.088 | | | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | 8 | 8 | 8 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 10 02 76 1400 | | | 1.0 | | 40 | 0.45 | 1.4 | | | | | | | |
| 30 03 76 1305 | | | .3 | | 39 | 0.45 | 1.3 | | | | | | | |
| 28 04 76 1200 | | | .3 | | 39 | 0.70 | 1.4 | | | | | | | |
| 01 06 76 1200 | | | .3 | | 38 | 0.50 | 1.3 | | | | | | | |
| 08 07 76 1120 | | | .3 | | 39 | 0.60 | 1.3 | | | | | | | |
| 24 08 76 1425 | | | .3 | | 40 | 0.90 | 2.1 | | | | | | | |
| 10 09 76 1200 | | | .3 | | 44 | 0.80 | 1.4 | | | | | | | |
| 31 12 76 1200 | | | .3 | | 41 | 0.60 | 1.1 | | | | | | | |
| MAXIMUM | | | | | 44 | 0.90 | 2.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 40 | 0.63 | 1.4 | | | | | | | |
| MINIMUM | | | | | 38 | 0.45 | 1.1 | | | | | | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: INDIAN RIVER
SAMPLE POINT: SMALL LOCK PORT CARLING
STATION TYPE: RIVER

STATION ID: 03-0085-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 10 | LAT | LONG | U.T.M. 17 0612999.0 4996900.0 4 | | | | | | REGION 03 | | MILEAGE | 34.50 | |
|--------------------|------|-----|-------|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|---------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 27 07 76 1005 | | | .3 | | 28005 | 6 | | 30. | | 4. | | 22.0 | 7.6 | 0.6 |
| 27 10 76 1200 | | | .3 | | 28013 | | | 4. | 1. | 1. | | | | 1.4 |
| MAXIMUM | | | | | | | | 30. | 1. | 4. | | 22.0 | 7.6 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | 11.* | 1.* | 2.* | | 22.0 | 7.6 | 1.0 |
| MINIMUM | | | | | | | | 4. | 1. | 1. | | 22.0 | 7.6 | 0.6 |
| NO OF SAMPLES | | | | | | | | 2 | 1 | 2 | | 1 | 1 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 07 76 1005 | | | .3 | | 0.004 | 0.001L | 0.004 | 0.200 | 0.002 | 0.103 | | | | |
| 27 10 76 1200 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.220 | 0.002 | 0.103 | | | | |
| MAXIMUM | | | | | 0.007 | 0.001 | 0.010 | 0.220 | 0.002 | 0.103 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.006 | 0.001D | 0.007 | 0.210 | 0.002 | 0.103 | | | | |
| MINIMUM | | | | | 0.004 | 0.001 | 0.004 | 0.200 | 0.002 | 0.103 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 07 76 1005 | | | .3 | | 44 | 0.60 | 2.6 | | | | | | | |
| 27 10 76 1200 | | | .3 | | 44 | 0.8 | 2.3 | | | | | | | |
| MAXIMUM | | | | | 44 | 0.8 | 2.6 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 44 | 0.70 | 2.5 | | | | | | | |
| MINIMUM | | | | | 44 | 0.60 | 2.3 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: INDIAN RIVER
SAMPLE POINT: HANNA PARK PORT CARLING
STATION TYPE: RIVER

STATION ID: 03-0085-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 11 | LAT | LONG | U.T.M. 17 0611650.0 4996500.0 4 | REGION 03 | MILEAGE | 33.40 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 27 07 76 1015 | | | .3 | | 28006 | 6 | | 40. | | 20. | | 22.0 | 7.6 | 0.5 |
| 10 10 76 1200 | | | .3 | | 28014 | | | 20. | 1. | 16. | | | | |
| MAXIMUM | | | | | | | | 40. | 1. | 20. | | 22.0 | 7.6 | 0.5 |
| AVG OR GEOM MN (*) | | | | | | | | 28.* | 1.* | 18.* | | 22.0 | 7.6 | 0.5 |
| MINIMUM | | | | | | | | 20. | 1. | 16. | | 22.0 | 7.6 | 0.5 |
| NO OF SAMPLES | | | | | | | | 2 | 1 | 2 | | 1 | 1 | 1 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 07 76 1015 | | | .3 | | 0.004 | 0.001L | 0.002 | 0.230 | 0.002 | 0.088 | | | | |
| 10 10 76 1200 | | | .3 | | | 0.001 | | | | | | | | |
| MAXIMUM | | | | | 0.004 | 0.001 | 0.002 | 0.230 | 0.002 | 0.088 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.004 | 0.001D | 0.002 | 0.230 | 0.002 | 0.088 | | | | |
| MINIMUM | | | | | 0.004 | 0.001 | 0.002 | 0.230 | 0.002 | 0.088 | | | | |
| NO OF SAMPLES | | | | | 1 | 2 | 1 | 1 | 1 | 1 | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 07 76 1015 | | | .3 | | 45 | 1.60 | 2.7 | | | | | | | |
| 10 10 76 1200 | | | .3 | | | | 2.7 | | | | | | | |
| MAXIMUM | | | | | 45 | 1.60 | 2.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 45 | 1.60 | 2.7 | | | | | | | |
| MINIMUM | | | | | 45 | 1.60 | 2.7 | | | | | | | |
| NO OF SAMPLES | | | | | 1 | 1 | 2 | | | | | | | |

B.O.W./ SITE: MUSKOKA RIVER NORTH BRANCH
SAMPLE POINT: UPSTREAM OF SOUTH BRANCH BRACEBRIDGE
STATION TYPE: RIVER

STATION ID: 03-0085-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 12 | LAT | LONG | U.T.M. 17 0632850.0 4987850.0 4 | REGION 03 | MILEAGE | 40.40 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 27 07 76 1300 | | | .3 | | 28001 | 6 | | 100. L | | 4. | | 22.5 | 6.8 | 0.8 |
| 27 10 76 1200 | | | .3 | | 28009 | | | 8. | 2. | 1. | | | | 1.0 |
| MAXIMUM | | | | | | | | 100. | 2. | 4. | | 22.5 | 6.8 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 28.* D | 2.* | 2.* | | 22.5 | 6.8 | 0.9 |
| MINIMUM | | | | | | | | 8. | 2. | 1. | | 22.5 | 6.8 | 0.8 |
| NO OF SAMPLES | | | | | | | | 2 | 1 | 2 | | 1 | 1 | 2 |

| SAMP DTE | HCUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 07 76 | 1300 | | | .3 | | 0.004 | 0.001L | 0.004 | 0.240 | 0.001 | 0.109 | | | | |
| 27 10 76 | 1200 | | | .3 | | 0.007 | 0.001 | 0.006 | 0.240 | 0.002 | 0.118 | | | | |
| MAXIMUM | | | | | | 0.007 | 0.001 | 0.006 | 0.240 | 0.002 | 0.118 | | | | |
| AVG OR GEOM MN (*) | | | | | | 0.006 | 0.001D | 0.005 | 0.240 | 0.002 | 0.114 | | | | |
| MINIMUM | | | | | | 0.004 | 0.001 | 0.004 | 0.240 | 0.001 | 0.109 | | | | |
| NO OF SAMPLES | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP DTE | HCUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 107 |
|--------------------|------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 27 07 76 | 1300 | | | .3 | | 40 | 0.75 | 1.5 | | | | | | | |
| 27 10 76 | 1200 | | | .3 | | 40 | 1.0 | 1.4 | | | | | | | |
| MAXIMUM | | | | | | 40 | 1.0 | 1.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | 40 | 0.88 | 1.5 | | | | | | | |
| MINIMUM | | | | | | 40 | 0.75 | 1.4 | | | | | | | |
| NO OF SAMPLES | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: MUSKOKA RIVER NORTH BRANCH
SAMPLE POINT: HIGHWAY 11B BRACEBRIDGE
STATION TYPE: RIVER

STATION ID: 03-0085-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 13 LAT LONG U.T.M. 17 0633300.0 4988450.0 4 REGION 03 MILEAGE 40.60

| SAMP DTE | HCUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 27 07 76 | 1245 | | | .3 | | 28000 | 6 | | 1030. | | 4. | | 22.5 | 7.6 | 0.8 |
| 27 10 76 | 1200 | | | .3 | | 28008 | | | 370. | 12. | 20. | | | | 1.3 |
| MAXIMUM | | | | | | | | | 1030. | 12. | 20. | | 22.5 | 7.6 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | | 617.* | 12.* | 9.* | | 22.5 | 7.6 | 1.1 |
| MINIMUM | | | | | | | | | 370. | 12. | 4. | | 22.5 | 7.6 | 0.8 |
| NO OF SAMPLES | | | | | | | | | 2 | 1 | 2 | | 1 | 1 | 2 |

| SAMP DTE | HCUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 07 76 | 1245 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.230 | 0.003 | 0.157 | | | | |
| 27 10 76 | 1200 | | | .3 | | 0.008 | 0.001 | 0.008 | 0.210 | 0.003 | 0.217 | | | | |
| MAXIMUM | | | | | | 0.008 | 0.002 | 0.010 | 0.230 | 0.003 | 0.217 | | | | |
| AVG OR GEOM MN (*) | | | | | | 0.008 | 0.002 | 0.009 | 0.220 | 0.003 | 0.187 | | | | |
| MINIMUM | | | | | | 0.008 | 0.001 | 0.008 | 0.210 | 0.003 | 0.157 | | | | |
| NO OF SAMPLES | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP DTE | HCUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 107 |
|--------------------|------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 27 07 76 | 1245 | | | .3 | | 48 | 1.40 | 2.8 | | | | | | | |
| 27 10 76 | 1200 | | | .3 | | 60 | 1.2 | 3.6 | | | | | | | |
| MAXIMUM | | | | | | 60 | 1.40 | 3.6 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | 54 | 1.30 | 3.2 | | | | | | | |
| MINIMUM | | | | | | 48 | 1.2 | 2.8 | | | | | | | |
| NO OF SAMPLES | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: LAKE OF BAYS
SAMPLE POINT: HIGHWAY 35, DORSET
STATION TYPE: LAKE

STATION ID: 03-0085-014-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | | 14 | LAT | | LONG | | U.T.M. 17 0665250.0 5012100.0 4 | | | | | REGION 03 | | MILEAGE | | 62.40 |
|---------------|------|-----|-------|------|--------|-----|---------------------------------|----------|----------|----------|----------|-----------|-------|---------|---|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | | |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD | | |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L | | |
| 10 02 76 1440 | | | 1.0 | | 28506 | 6 | | 10. L | 10. L | 10. L | | 1.0 | 13.0 | 0.9 | | |
| 30 03 76 1340 | | | .3 | | 28511 | 6 | | 20. | 1. | 1. | | 3.0 | 13.0 | 1.6 | | |
| 28 04 76 1200 | | | .3 | | 28520 | | | 1. | 1. | 1. | | | | 1.2 | | |
| 01 06 76 1200 | | | .3 | | 28527 | | | 60. | | 4. | | | | 1.0 | | |
| 08 07 76 1200 | | | .3 | | 28534 | | | 60. | | 100. L | | | | 0.6 | | |
| 24 08 76 1455 | | | .3 | | 28541 | 6 | | 100. | 1. | 1. | | 23.0 | | 0.8 | | |
| 10 09 76 1200 | | | .3 | | 28548 | | | 4. | 1. | 1. | | | | 0.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

100.
16.* D
1.

10.
2.* D
1.

100.
3.* D
1.

23.0
9.0
1.0

13.0
13.0
13.0

1.6
0.9
0.2

NO OF SAMPLES

7 5 7 3 2 7

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 02 76 1440 | | | 1.0 | | 0.001 | 0.001L | 0.010 | 0.200 | 0.001 | 0.229 | | | | |
| 30 03 76 1340 | | | .3 | | 0.009 | 0.001L | 0.018 | 0.200 | 0.001 | 0.254 | | | | |
| 28 04 76 1200 | | | .3 | | 0.001 | 0.001L | 0.008 | 0.160 | 0.001 | 0.209 | | | | |
| 01 06 76 1200 | | | .3 | | 0.018 | 0.001 | 0.004 | 0.220 | 0.002 | 0.153 | | | | |
| 08 07 76 1200 | | | .3 | | 0.009 | 0.001 | 0.006 | 0.210 | 0.002 | 0.178 | | | | |
| 24 08 76 1455 | | | .3 | | 0.011 | 0.001 | 0.002L | 0.200 | 0.002 | 0.053 | | | | |
| 10 09 76 1200 | | | .3 | | 0.002 | 0.001L | 0.024 | 0.190 | 0.001 | 0.079 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.018
0.007
0.001

0.001
0.001D
0.001

0.024
0.010D
0.002

0.220
0.197
0.160

0.002
0.001
0.001

0.254
0.165
0.053

NO OF SAMPLES

7 7 7 7 7 7

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 10 02 76 1440 | | | 1.0 | | 37 | 0.55 | 0.8 | | | | | | | |
| 30 03 76 1340 | | | .3 | | 37 | 0.70 | 0.7 | | | | | | | |
| 28 04 76 1200 | | | .3 | | 35 | 0.70 | 0.7 | | | | | | | |
| 01 06 76 1200 | | | .3 | | 36 | 5.40 | 1.2 | | | | | | | |
| 08 07 76 1200 | | | .3 | | | | 0.8 | | | | | | | |
| 24 08 76 1455 | | | .3 | | 35 | 2.50 | 1.3 | | | | | | | |
| 10 09 76 1200 | | | .3 | | 36 | 1.00 | 0.6 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

37
36
35

5.40
1.81
0.55

1.3
0.9
0.6

NO OF SAMPLES

6 6 7

B.O.W. / SITE: ROSSEAU RIVER
SAMPLE POINT: HIGHWAY 532 NEAR ROSSEAU FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02EB103

STATION ID: 03-0085-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

| STN NO | 28 | LAT | LONG | U.T.M. | 17 0611175.0 5010275.0 4 | REGION 03 | MILEAGE | 45.20 | | | | | | |
|---------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 27 07 76 1110 | | | .3 | | 28007 | 6 9 | 3.00 | 100. | | 28. | | 21.0 | 6.6 | 0.6 |
| 27 10 76 1200 | | | .3 | | 28015 | | 11.40 | 70. | 4. | 28. | | | | 2.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

11.40
7.20
3.00

100.
84.*
70.

4.
4.*
4.

21.0
21.0
21.0

6.6
6.6
6.6

2.4
1.5
0.6

NO OF SAMPLES

2 2 1 2

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 27 07 76 1110 | | | .3 | | 0.050 | 0.004 | 0.046 | 0.660 | 0.007 | 0.008 | | | | |
| 27 10 76 1200 | | | .3 | | 0.034 | 0.005 | 0.046 | 0.740 | 0.006 | 0.054 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.050
0.042
0.034

0.005
0.005
0.004

0.046
0.046
0.046

0.740
0.700
0.660

0.007
0.007
0.006

0.054
0.031
0.008

NO OF SAMPLES

2 2 1 2 2 2

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 07 | 76 | 1110 | | | .3 | | 37 | 3.00 | 1.5 | | | | | | | |
| 27 | 10 | 76 | 1200 | | | .3 | | 46 | 3.0 | 2.3 | | | | | | | |
| | | | | | | | | MAXIMUM | 46 | 3.00 | 2.3 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 42 | 3.00 | 1.9 | | | | | | |
| | | | | | | | | MINIMUM | 37 | 3.00 | 1.5 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | | | | | | |

B.O.W./ SITE: EAST RIVER
SAMPLE POINT: HIGHWAY 11 5 MILES NORTH OF HUNTSVILLE
STATION TYPE: RIVER FLOW GAUGE MOE 02EB101

STATION ID: 03-0085-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 32 LAT LONG U.T.M. 17 0639200.0 5026400.0 4 REGION 03 MILEAGE 87.10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 30 | 03 | 76 | 1420 | | | .3 | | 28512 | 6 | | 190. | 1. | 1. | | 1.5 | 14.5 | 0.6 |
| 28 | 04 | 76 | 1200 | | | .3 | | 28514 | | | 28. | 1. | 1. | | | | 0.6 |
| 01 | 06 | 76 | 1200 | | | .3 | | 28521 | | | 22000. | | 1. | | | | 1.8 |
| 08 | 07 | 76 | 1025 | | | .3 | | 28528 | | | 100. L | | 52. | | | | 1.6 |
| 24 | 08 | 76 | 1055 | | | .3 | | 28535 | 6 | | 200. | 44. | 4. | | 20.0 | 9.0 | 0.6 |
| 10 | 09 | 76 | 1200 | | | .3 | | 28542 | | | 20. | 6. | 2. | | | | 1.0 |
| | | | | | | | | MAXIMUM | | | 22000. | 44. | 52. | | 20.0 | 14.5 | 1.8 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 190.* D | 4.* | 3.* | | 10.8 | 11.8 | 1.0 |
| | | | | | | | | MINIMUM | | | 20. | 1. | 1. | | 1.5 | 9.0 | 0.6 |
| | | | | | | | | NO OF SAMPLES | | | 6 | 4 | 6 | | 2 | 2 | 6 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 30 | 03 | 76 | 1420 | | | .3 | | 0.079 | 0.001L | 0.048 | 0.390 | 0.002 | 0.553 | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 0.012 | 0.001 | 0.006 | 0.240 | 0.002 | 0.213 | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 0.013 | 0.002 | 0.006 | 0.280 | 0.002 | 0.078 | | | | |
| 08 | 07 | 76 | 1025 | | | .3 | | 0.018 | 0.002 | 0.010 | 0.330 | 0.003 | 0.087 | | | | |
| 24 | 08 | 76 | 1055 | | | .3 | | 0.007 | 0.002 | 0.002L | 0.220 | 0.002 | 0.078 | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 0.007 | 0.001L | 0.002L | 0.210 | 0.002 | 0.083 | | | | |
| | | | | | | | | MAXIMUM | 0.079 | 0.002 | 0.390 | 0.003 | 0.553 | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.023 | 0.002D | 0.278 | 0.002 | 0.182 | | | | |
| | | | | | | | | MINIMUM | 0.007 | 0.001 | 0.210 | 0.002 | 0.078 | | | | |
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | 6 | 6 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 30 | 03 | 76 | 1420 | | | .3 | | 38 | 1.50 | 0.8 | | | | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 40 | 1.20 | 1.0 | | | | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 41 | 1.20 | 1.2 | | | | | | | |
| 08 | 07 | 76 | 1025 | | | .3 | | 41 | 1.50 | 1.2 | | | | | | | |
| 24 | 08 | 76 | 1055 | | | .3 | | 41 | 1.50 | 3.8 | | | | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 48 | 1.00 | 1.1 | | | | | | | |
| | | | | | | | | MAXIMUM | 48 | 1.50 | 3.8 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 42 | 1.32 | 1.5 | | | | | | |
| | | | | | | | | MINIMUM | 38 | 1.00 | 0.8 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | | | | | | |

B.O.W./ SITE: EAST RIVER
SAMPLE POINT: RAVENCLIFF ROAD HUNTSVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02EB013

STATION ID: 03-0085-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MUSKOKA RIVER

STORET CODE: 02
002
2980

STN NO 34 LAT LONG U.T.M. 17 0637050.0 5022700.0 4 REGION 03 MILEAGE 81.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 30 | 03 | 76 | 1435 | | | .3 | | 28513 | 6 | 2910.00 | 500. | 196. | 1. | | 1.5 | 14.5 | 0.6 |
| 28 | 04 | 76 | 1200 | | | .3 | | 28516 | | 549.00 | 172. | 52. | 1. | | | | 1.0 |
| 01 | 06 | 76 | 1200 | | | .3 | | 28523 | | 242.00 | 20000. | | 1. | | | | 0.4 |
| 08 | 07 | 76 | 1015 | | | .3 | | 28530 | | 252.00 | 1000. | | 24. | | | | 1.6 |
| 24 | 08 | 76 | 1110 | | | .3 | | 28537 | 6 | 134.00 | 230. | 4. | 1. | | 21.0 | 8.0 | 0.2 |
| 10 | 09 | 76 | 1200 | | | .3 | | 28544 | | 132.00 | 20. | 2. | 2. | | | | 0.4 |
| | | | | | | | | MAXIMUM | | 2910.00 | 20000. | 196. | 24. | | 21.0 | 14.5 | 1.6 |
| | | | | | | | | AVG OR GEOM MN (*) | | 703.17 | 446.* | 17.* | 2.* | | 11.3 | 11.3 | 0.7 |
| | | | | | | | | MINIMUM | | 132.00 | 20. | 2. | 1. | | 1.5 | 8.0 | 0.2 |
| | | | | | | | | NO OF SAMPLES | | 6 | 103 | 6 | 4 | 6 | 2 | 2 | 6 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 30 | 03 | 76 | 1435 | | | .3 | | 0.148 | 0.001L | 0.046 | 0.380 | 0.002 | 0.558 | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 0.007 | 0.001 | 0.008 | 0.250 | 0.004 | 0.306 | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.260 | 0.002 | 0.078 | | | | |
| 08 | 07 | 76 | 1015 | | | .3 | | 0.020 | 0.001 | 0.012 | 0.350 | 0.003 | 0.082 | | | | |
| 24 | 08 | 76 | 1110 | | | .3 | | 0.008 | 0.002 | 0.002 | 0.220 | 0.002 | 0.083 | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 0.004 | 0.001 | 0.002L | 0.200 | 0.002 | 0.088 | | | | |

| | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--------|-------|-------|-------|
| MAXIMUM | | | | | | | | 0.148 | 0.002 | 0.046 | 0.380 | 0.004 | 0.558 |
| AVG OR GEOM MN (*) | | | | | | | | 0.033 | 0.001D | 0.012D | 0.277 | 0.003 | 0.199 |
| MINIMUM | | | | | | | | 0.004 | 0.001 | 0.002 | 0.200 | 0.002 | 0.078 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 30 | 03 | 76 | 1435 | | | .3 | | 72 | | 5.8 | | | | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 40 | 1.50 | 1.3 | | | | | | | |
| 01 | 06 | 76 | 1200 | | | .3 | | 42 | 1.20 | 1.8 | | | | | | | |
| 08 | 07 | 76 | 1015 | | | .3 | | 39 | 1.80 | 1.4 | | | | | | | |
| 24 | 08 | 76 | 1110 | | | .3 | | 44 | 1.50 | 1.6 | | | | | | | |
| 10 | 09 | 76 | 1200 | | | .3 | | 48 | 1.80 | 1.3 | | | | | | | |

| | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|--|--|--|
| MAXIMUM | | | | | | | | 72 | 1.80 | 5.8 | | | |
| AVG OR GEOM MN (*) | | | | | | | | 48 | 1.56 | 2.2 | | | |
| MINIMUM | | | | | | | | 39 | 1.20 | 1.3 | | | |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 6 | | | |

B.O.W./ SITE: MOON RIVER
SAMPLE POINT: HIGHWAY 103 6 MILES NORTH OF JUNCTION
STATION TYPE: RIVER FLOW GAUGE FED 02E8011

660 AND 103
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MOON RIVER

STATION ID: 03-0092-001-02

STORET CODE: 02
002
3230

STN NO 1 LAT LONG U.T.M. 17 0595650.0 4990450.0 4 REGION 03 MILEAGE 10.40

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 03 | 76 | 1410 | | | .3 | | 27082 | 6 | 1510.00 | | | | | 1.0 | 10.8 | 0.4 |
| 14 | 04 | 76 | 1350 | | | .3 | | 27167 | 6 | 7690.00 | 10. L | 1. | 4. | | 8.5 | 10.8 | 1.0 |
| 20 | 05 | 76 | 1910 | | | .3 | | 27249 | 6 | 734.00 | 20. | 8. | 4. | | 12.0 | 9.2 | |
| | | | | | | .3 | | 27259 | 6 | 734.00 | 20. | 8. | 4. | | 12.0 | 9.2 | 0.6 |
| 23 | 06 | 76 | 1450 | | | .3 | | 27319 | 6 | 139.00 | 50. | | 12. | | 22.0 | 10.0 | 1.6 |
| 20 | 07 | 76 | 1140 | | | .3 | | 27341 | 6 | 146.00 | 28. | | 16. | | 21.0 | 10.0 | 0.6 |
| 19 | 08 | 76 | 1315 | | | .3 | | 27404 | 6 | 151.00 | | | | | 23.0 | 11.8 | 0.8 |
| 15 | 09 | 76 | 1200 | | | .3 | | 27477 | 6 | 148.00 | 40. | 8. | 1. | | 19.0 | 10.2 | 0.2 |
| 21 | 10 | 76 | 1530 | | | .3 | | 27540 | 6 | 120.00 | 12. | 1. | 1. | | 7.0 | 12.2 | 1.2 |
| 09 | 11 | 76 | 1545 | | | .3 | | 27597 | 6 | 129.00 | 120. | 44. | 42. | | 1.0 | 11.3 | 0.4 |
| 08 | 12 | 76 | 1250 | | | .3 | | 27661 | 4 | 177.00 | 20. | 2. L | 2. | | 1.0 | 14.7 | 0.8 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|---------|--------|-------|-----|------|------|-----|
| MAXIMUM | | | | | | | | | | | 7690.00 | 120. | 44. | 42. | 23.0 | 14.7 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1061.64 | 27.* D | 5.* D | 5.* | 11.6 | 10.9 | 0.8 |
| MINIMUM | | | | | | | | | | | 120.00 | 10. | 1. | 1. | 1.0 | 9.2 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 7 | 9 | 11 | 11 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 03 | 76 | 1410 | | | .3 | | 0.006 | 0.001 | 0.018 | 0.190 | 0.002 | 0.238 | 30.0 | 1.8 | | 29 |
| 14 | 04 | 76 | 1350 | | | .3 | | 0.015 | 0.002 | 0.044 | 0.350 | 0.005 | 0.080 | | 1.9 | | 62 |
| 20 | 05 | 76 | 1910 | | | .3 | | | | | | | | | | | |
| | | | | | | .3 | | 0.006 | 0.001L | 0.002 | 0.210 | 0.002 | 0.203 | 31.0 | 1.6 | | 29 |
| 23 | 06 | 76 | 1450 | | | .3 | | 0.012 | 0.001 | 0.021 | 0.300 | 0.002 | 0.143 | 38.0 | 3.4 | | 34 |
| 20 | 07 | 76 | 1140 | | | .3 | | 0.007 | 0.001 | 0.002L | 0.250 | 0.002 | 0.108 | 30.0 | 1.0 | | 29 |
| 19 | 08 | 76 | 1315 | | | .3 | | 0.034 | 0.002 | 0.016 | 0.530 | 0.002 | 0.005L | 193.0 | 3.8 | 189 | 202 |
| 15 | 09 | 76 | 1200 | | | .3 | | | | | | | | 44.0 | 2.2 | | 42 |
| 21 | 10 | 76 | 1530 | | | .3 | | 0.009 | 0.002 | 0.014 | 0.210 | 0.002 | 0.093 | 39.0 | 6.3 | | 33 |
| 09 | 11 | 76 | 1545 | | | .3 | | 0.044 | 0.026 | 0.048 | 0.900 | 0.006 | 0.899 | 445.0 | 7.0 | 438 | |
| 08 | 12 | 76 | 1250 | | | .3 | | 0.005 | 0.002 | 0.020 | 0.130 | 0.002 | 0.138 | 35.0 | 1.6 | | 33 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--------|-------|-------|--------|-------|-----|-----|-----|
| MAXIMUM | | | | | | | | 0.044 | 0.026 | 0.048 | 0.900 | 0.006 | 0.899 | 445.0 | 7.0 | 438 | 202 |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.004D | 0.021D | 0.341 | 0.003 | 0.212D | 98.3 | 3.1 | 314 | 55 |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.002 | 0.130 | 0.002 | 0.005 | 30.0 | 1.0 | 189 | 29 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 2 | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 1410 | | | .3 | | 46 | 1.10 | 2.7 | | | | | | | |
| 14 | 04 | 76 | 1350 | | | .3 | | 95 | 1.30 | 0.1 | | | | | | | |
| 20 | 05 | 76 | 1910 | | | .3 | | 45 | 0.75 | 2.8 | 8.0 | 1.60 | | | 6.96 | | 0.110 |
| 23 | 06 | 76 | 1450 | | | .3 | | 51 | 2.30 | 2.9 | 8.5 | 1.55 | | | 6.89 | | 0.220 |
| 20 | 07 | 76 | 1140 | | | .3 | | 46 | 1.40 | 2.6 | 8.0 | 1.55 | | | 7.34 | | 0.370 |
| 19 | 08 | 76 | 1315 | | | .3 | | 310 | 2.20 | 11.0 | 15.0 | 2.45 | | | 8.31 | | 0.170 |
| 15 | 09 | 76 | 1200 | | | .3 | | 63 | 0.72 | | | | | | 7.15 | | |
| 21 | 10 | 76 | 1530 | | | .3 | | 50 | 2.60 | 2.9 | 9.0 | 1.25 | | | 7.65 | | 0.170 |
| 09 | 11 | 76 | 1545 | | | .3 | | 690 | 5.00 | 34.0 | 51.0 | 4.40 | | | 7.97 | | 0.400 |
| 08 | 12 | 76 | 1250 | | | .3 | | 51 | 1.20 | 3.0 | 8.0 | 1.45 | | | 6.63 | | 0.140 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|----------------------------------|
| 10 | 03 | 76 | 1410 | | | .3 | | | | | | | | | | | |
| 14 | 04 | 76 | 1350 | | | .3 | | | | | | | | | | | |
| 20 | 05 | 76 | 1910 | | | .3 | | 1.0L | | | | | | | | 10 | |
| 23 | 06 | 76 | 1450 | | | .3 | | 2.0 | | | | | | | | 14 | |
| 20 | 07 | 76 | 1140 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 19 | 08 | 76 | 1315 | | | .3 | | 1.0 | | | | | | | | 14 | |
| 15 | 09 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | 10L | 0 |
| 21 | 10 | 76 | 1530 | | | .3 | | 1.0 | | | | | | | | 10 | |
| 09 | 11 | 76 | 1545 | | | .3 | | 1.0L | | | | | | | | 47 | |
| 08 | 12 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | | 14 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 05 | 76 | 1910 | | | .3 | | | 0.050L | | 0.010L | 0.010 | 0.010L | 0.010L | 0.030 | | 0.010L |
| 15 | 09 | 76 | 1200 | | | .3 | | 0.001L | 0.020L | | 0.020 | 0.010L | 0.010L | 0.010L | 0.010 | | 0.010L |
| 08 | 12 | 76 | 1250 | | | .3 | | 0.001 | 0.030 | | 0.020L | 0.010 | 0.010L | 0.005L | 0.020 | | 0.010L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: OASTLER LAKE OUTLET
SAMPLE POINT: HIGHWAY 69 4 MILES SOUTH OF PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0096-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

STN NO 1 LAT LONG U.T.M. 17 0579650.0 5018325.0 4 REGION 05 MILEAGE 3.80

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 18 | 01 | 76 | 1050 | | | .3 | | 16408 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.4 |
| 07 | 02 | 76 | 1000 | | | .3 | | 16444 | 4 6 8 | | 720. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 06 | 03 | 76 | 1020 | | | .3 | | 16485 | 4 6 8 | | 110. | 1. | 1. | | 0.0 | 11.0 | 0.4 |
| 04 | 04 | 76 | 0915 | | | .3 | | 16532 | 3 6 8 | | 40. | 1. | 1. | | 0.0 | 10.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1050 | | | .3 | | 0.008 | 0.001L | 0.020 | 0.270 | 0.002 | 0.090 | 35.0 | 2.0 | | 33 |
| 07 | 02 | 76 | 1000 | | | .3 | | 0.011 | 0.001L | 0.025 | 0.440 | 0.003 | 0.107 | | 46.0 | | |
| 06 | 03 | 76 | 1020 | | | .3 | | 0.009 | 0.002 | 0.030 | 0.260 | 0.001 | 0.144 | 40.0 | 1.2 | | 39 |
| 04 | 04 | 76 | 0915 | | | .3 | | 0.005 | 0.001L | 0.054 | 0.340 | 0.002 | 0.198 | | 4.2 | | 33 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

CONT'D

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|-------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | UNITS | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | | SI MG/L | | MG/L | | MG/L | MG/L |

| | | | | | | | | | | | | | | |
|---------------|--|--|----|--|----|------|-----|-----|------|-----|---|------|------|--|
| 18 01 76 1050 | | | .3 | | 52 | 1.00 | 2.0 | | 1.00 | | 9 | 6.20 | | |
| 07 02 76 1000 | | | .3 | | 46 | 0.65 | 2.9 | 9.0 | 0.95 | 3.0 | 6 | 6.80 | 0.11 | |
| 06 03 76 1020 | | | .3 | | 58 | 0.70 | 4.3 | | | 4.0 | 9 | 6.60 | 0.10 | |
| 04 04 76 0915 | | | .3 | | 50 | 1.70 | 3.0 | | | 2.8 | 6 | 6.70 | 0.15 | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|----|------|-----|-----|------|-----|---|------|------|--|
| MAXIMUM | | | | | 58 | 1.70 | 4.3 | 9.0 | 1.00 | 4.0 | 9 | 6.80 | 0.15 | |
| AVG OR GEOM MN (*) | | | | | 52 | 1.01 | 3.1 | 9.0 | 0.98 | 3.3 | 8 | 6.58 | 0.12 | |
| MINIMUM | | | | | 46 | 0.65 | 2.0 | 9.0 | 0.95 | 2.8 | 6 | 6.20 | 0.10 | |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|---|---|---|---|---|---|---|---|---|--|
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 1 | 2 | 3 | 4 | 4 | 3 | |
|---------------|--|--|--|--|---|---|---|---|---|---|---|---|---|--|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|----------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESSIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |

| | | | | | | | | | | | | | | |
|---------------|--|--|----|--|-----|------|------|------|----|------|------|--|----|--|
| 18 01 76 1050 | | | .3 | | 2.0 | | 3.90 | | | | | | | |
| 07 02 76 1000 | | | .3 | | 1.0 | 14.0 | 3.80 | 1.10 | 15 | 0.70 | 2.10 | | 14 | |
| 06 03 76 1020 | | | .3 | | | 15.0 | | | 15 | | | | | |
| 04 04 76 0915 | | | .3 | | | 14.0 | | | 10 | | | | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-----|------|------|------|----|------|------|--|----|--|
| MAXIMUM | | | | | 2.0 | 15.0 | 3.90 | 1.10 | 15 | 0.70 | 2.10 | | 14 | |
| AVG OR GEOM MN (*) | | | | | 1.5 | 14.3 | 3.85 | 1.10 | 13 | 0.70 | 2.10 | | 14 | |
| MINIMUM | | | | | 1.0 | 14.0 | 3.80 | 1.10 | 10 | 0.70 | 2.10 | | 14 | |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|---|---|---|---|---|---|---|--|---|--|
| NO OF SAMPLES | | | | | 2 | 3 | 2 | 1 | 3 | 1 | 1 | | 1 | |
|---------------|--|--|--|--|---|---|---|---|---|---|---|--|---|--|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

| | | | | | | | | | | | | | | |
|---------------|--|--|----|--|--|--|--------|--|--------|--|--|-------|-------|--------|
| 18 01 76 1050 | | | .3 | | | | 0.030L | | 0.010L | | | 0.030 | 0.052 | 0.020L |
| 07 02 76 1000 | | | .3 | | | | | | | | | | 0.058 | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--------|--|--------|--|--|-------|-------|--------|
| MAXIMUM | | | | | | | 0.030 | | 0.010 | | | 0.030 | 0.058 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.030D | | 0.010D | | | 0.030 | 0.055 | 0.020D |
| MINIMUM | | | | | | | 0.030 | | 0.010 | | | 0.030 | 0.052 | 0.020 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|---|--|---|--|--|---|---|---|
| NO OF SAMPLES | | | | | | | 1 | | 1 | | | 1 | 2 | 1 |
|---------------|--|--|--|--|--|--|---|--|---|--|--|---|---|---|

B.O.W./ SITE: BOYNE RIVER
SAMPLE POINT: OTTER LAKE OUTLET SOUTH OF PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0096-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

| STN NO | 2 | LAT | LONG | U.T.M. | 17 0582010.0 5016850.0 4 | REGION 05 | MILEAGE | 6.80 |
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |

| | | | | | | | | | | | | | | |
|---------------|--|--|----|--|-------|-------|--|-------|----|-------|--|------|------|-----|
| 18 01 76 1025 | | | .3 | | 16407 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 07 02 76 0930 | | | .3 | | 16443 | 4 6 8 | | 60. | 1. | 1. | | 0.0 | 11.0 | 0.4 |
| 06 03 76 0950 | | | .3 | | 16484 | 4 6 8 | | 1030. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 04 04 76 0855 | | | .3 | | 16531 | 3 6 8 | | 88. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 28 04 76 1940 | | | .3 | | 16576 | 8 6 | | | | | | 3.0 | 12.0 | 0.5 |
| 28 05 76 1510 | | | .3 | | 16615 | 6 8 | | 20. | 1. | 1. | | 6.0 | 12.0 | 0.4 |
| 27 06 76 1455 | | | .3 | | 16659 | 6 8 | | 80. | 1. | 1. | | 10.0 | 12.0 | 0.8 |
| 07 08 76 1525 | | | .3 | | 16676 | 6 8 | | 100. | 1. | 1. | | 17.0 | 11.0 | 0.4 |
| 05 09 76 1325 | | | .3 | | 16701 | 6 8 | | 320. | 4. | 2. | | 14.0 | 12.0 | 1.0 |
| 10 10 76 0945 | | | .3 | | 16740 | 6 8 | | 30. | 2. | 8. | | 4.0 | 12.0 | 1.4 |
| 07 11 76 1545 | | | .3 | | 16795 | 6 8 | | 10. L | 1. | 1. | | 1.0 | 12.0 | 0.8 |
| 12 12 76 1625 | | | .3 | | 16850 | 6 8 | | 40. | 2. | 10. L | | 0.0 | 12.0 | 0.4 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|-----|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | 1030. | 4. | 10. | | 17.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | 71.* D | 1.* | 2.* D | | 4.6 | 11.6 | 0.7 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | 11.0 | 0.4 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|----|---|----|--|----|----|----|
| NO OF SAMPLES | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 |
|---------------|--|--|--|--|--|--|--|----|---|----|--|----|----|----|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |

| | | | | | | | | | | | | | | |
|---------------|--|--|----|--|-------|--------|-------|-------|--------|--------|-------|------|--|----|
| 18 01 76 1025 | | | .3 | | 0.007 | 0.001 | 0.020 | 0.260 | 0.002 | 0.090 | 29.0 | 1.0L | | 29 |
| 07 02 76 0930 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.350 | 0.002 | 0.103 | | 1.0L | | |
| 06 03 76 0950 | | | .3 | | 0.010 | 0.001L | 0.050 | 0.380 | 0.001 | 0.149 | 39.0 | 1.0L | | 39 |
| 04 04 76 0855 | | | .3 | | 0.009 | 0.001L | 0.062 | 0.390 | 0.002 | 0.203 | | 2.9 | | 33 |
| 28 04 76 1940 | | | .3 | | 0.010 | 0.001 | 0.010 | 0.250 | 0.002 | 0.113 | | 2.2 | | |
| 28 05 76 1510 | | | .3 | | 0.008 | 0.002 | 0.022 | 0.210 | 0.002 | 0.038 | 36.0 | 2.8 | | |
| 27 06 76 1455 | | | .3 | | 0.006 | 0.001L | 0.008 | 0.26 | 0.001 | 0.004 | 37. | 1.2 | | |
| 07 08 76 1525 | | | .3 | | 0.010 | 0.001 | 0.006 | 0.290 | 0.001L | 0.005L | 38.0 | 2.2 | | |
| 05 09 76 1325 | | | .3 | | 0.069 | 0.026 | 0.058 | 0.590 | 0.001 | 0.005L | 45.0 | 2.6 | | |
| 10 10 76 0945 | | | .3 | | 0.018 | 0.001L | 0.018 | 0.290 | 0.001 | 0.005L | 103.0 | 51.0 | | |
| 07 11 76 1545 | | | .3 | | 0.006 | 0.002 | 0.020 | 0.280 | 0.001 | 0.014 | 47.0 | 1.3 | | |
| 12 12 76 1625 | | | .3 | | 0.008 | 0.002 | 0.038 | 0.240 | 0.002 | 0.058 | 40.0 | 1.0 | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-------|--------|-------|-------|--------|--------|-------|------|--|----|
| MAXIMUM | | | | | 0.069 | 0.026 | 0.062 | 0.590 | 0.002 | 0.203 | 103.0 | 51.0 | | 39 |
| AVG OR GEOM MN (*) | | | | | 0.014 | 0.0030 | 0.027 | 0.316 | 0.002D | 0.066D | 46.0 | 5.9D | | 34 |
| MINIMUM | | | | | 0.006 | 0.001 | 0.006 | 0.210 | 0.001 | 0.004 | 29.0 | 1.0 | | 29 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|----|----|----|----|----|----|---|----|--|---|
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 3 |
|---------------|--|--|--|--|----|----|----|----|----|----|---|----|--|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-----|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 01 76 | 1025 | | | | | .3 | | 44 | 0.70 | 2.3 | 9.5 | | 3.0 | 9 | 5.80 | 0.12 | |
| 07 02 76 | 0930 | | | | | .3 | | 42 | 0.70 | 2.3 | 9.0 | 0.90 | 3.3 | 6 | 6.80 | 0.08 | |
| 06 03 76 | 0950 | | | | | .3 | | 58 | 0.85 | 2.2 | 10.0 | | 3.5 | 9 | 6.70 | 0.10 | |
| 04 04 76 | 0855 | | | | | .3 | | 48 | 1.20 | 2.7 | 8.5 | | 3.4 | 6 | 6.70 | 0.10 | |
| 28 04 76 | 1940 | | | | | .3 | | 50 | 0.85 | 2.7 | 12.5 | | 2.6 | 8 | 7.04 | | 0.080 |
| 28 05 76 | 1510 | | | | | .3 | | 49 | 0.70 | 3.1 | 9.5 | | 2.2 | 7 | 6.88 | | 0.030 |
| 27 06 76 | 1455 | | | | | .3 | | 54 | 1.3 | 3.8 | 11. | | 3.9 | 9 | 7.08 | | 0.05 |
| 07 08 76 | 1525 | | | | | .3 | | 56 | 1.00 | 3.4 | 10.0 | | 16.0 | 12 | 7.21 | | 0.100 |
| 05 09 76 | 1325 | | | | | .3 | | 66 | 1.40 | 5.0 | 10.5 | | 2.2 | 11 | 7.30 | | 0.080 |
| 10 10 76 | 0945 | | | | | .3 | | 80 | 1.50 | 4.2 | 13.0 | | 2.0 | 16 | 7.46 | | 0.240 |
| 07 11 76 | 1545 | | | | | .3 | | 72 | 1.20 | 5.0 | 13.5 | | 1.6 | 10 | 7.21 | | 0.080 |
| 12 12 76 | 1625 | | | | | .3 | | 59 | 0.80 | 3.3 | 11.5 | | 3.0 | 8 | 7.01 | | 0.090 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|-----|---------------------|------------|-----------------------|------|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 01 76 | 1025 | | | | | .3 | | | 17.0 | | | 5 | | | | 20 | |
| 07 02 76 | 0930 | | | | | .3 | | | 14.0 | 3.60 | 1.10 | 10 | 0.75 | 2.10 | | 14 | |
| 06 03 76 | 0950 | | | | | .3 | 16.0 | | 15.0 | | | 15 | | | | | |
| 04 04 76 | 0855 | | | | | .3 | | | 13.0 | | | 10 | | | | 14 | |
| 28 04 76 | 1940 | | | | | .3 | 1.0L | | 15.0 | | | 5 | | | | | |
| 28 05 76 | 1510 | | | | | .3 | 1.0L | | 18.0 | | | 15 | | | | | |
| 27 06 76 | 1455 | | | | | .3 | 1. | | 15. | | | 10 | | | | | |
| 07 08 76 | 1525 | | | | | .3 | 1.0L | | 16.0 | 4.60 | 1.15 | 10 | | | | | |
| 05 09 76 | 1325 | | | | | .3 | 1.0 | | 17.0 | 4.80 | 1.15 | 30 | | | | | |
| 10 10 76 | 0945 | | | | | .3 | 1.0 | | 17.0 | 4.80 | 1.10 | 10 | | | | | |
| 07 11 76 | 1545 | | | | | .3 | 1.0L | | 17.0 | 5.00 | 1.30 | 5 | | | | | |
| 12 12 76 | 1625 | | | | | .3 | 4.0 | | 16.0 | | | 15 | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|-----|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 01 76 | 1025 | | | | | .3 | | | | | 0.020L | | | | | | |
| 07 02 76 | 0930 | | | | | .3 | | | | 0.030L | | 0.010L | | | 0.080 | 0.056 | 0.020L |
| 06 03 76 | 0950 | | | | | .3 | | | | | 0.020L | | | | | | |
| 04 04 76 | 0855 | | | | | .3 | | | | | 0.020L | | | | | | |
| 28 05 76 | 1510 | | | | | .3 | 0.001L | | | | 0.090 | 0.010L | 0.010L | | 0.020 | | 0.010 |
| 27 06 76 | 1455 | | | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.060 | | 0.010L |
| 05 09 76 | 1325 | | | | | .3 | 0.001L | | | | 0.020 | 0.060 | 0.010L | | 0.010L | | 0.010L |
| 10 10 76 | 0945 | | | | | .3 | 0.001L | | | | 0.050 | 0.030 | 0.010L | | 0.010L | | 0.010L |
| 07 11 76 | 1545 | | | | | .3 | 0.001L | | | | 0.030 | 0.040 | 0.010L | | 0.050 | | 0.010L |
| 12 12 76 | 1625 | | | | | .3 | 0.001L | | | | 0.020L | 0.020 | 0.010L | | 0.020 | | 0.010L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: OTTER LAKE
SAMPLE POINT: OTTER LAKE NARROWS SOUTH OF PARRY SOUND
STATION TYPE: LAKE

STATION ID: 03-0096-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BOYNE RIVER

STORET CODE: 02
002
3500

STN NO 3 LAT LONG U.T.M. 17 0582450.0 5015760.0 4 REGION 05 MILEAGE 7.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|-----|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 01 76 | 1000 | | | | | .3 | | 16406 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.6 |
| 07 02 76 | 0900 | | | | | .3 | | 16442 | 4 6 8 | | 208. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 06 03 76 | 0925 | | | | | .3 | | 16483 | 4 6 8 | | 350. | 10. L | 10. L | | 0.0 | 12.0 | 0.8 |
| 04 04 76 | 0820 | | | | | .3 | | 16530 | 3 6 8 | | 12. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 28 04 76 | 2000 | | | | | .3 | | 16577 | 8 6 | | | | | | 3.0 | 12.0 | 0.8 |
| 28 05 76 | 1535 | | | | | .3 | | 16616 | 6 8 | | 36. | 1. | 1. | | 6.0 | 12.0 | 0.4 |
| 27 06 76 | 1520 | | | | | .3 | | 16660 | 6 8 | | 100. | | 1. | | 11.0 | 11.0 | 0.4 |
| 07 08 76 | 1550 | | | | | .3 | | 16677 | 6 8 | | 60. | | 1. | | 17.0 | 11.0 | 0.6 |
| 05 09 76 | 1250 | | | | | .3 | | 16700 | 6 8 | | 440. | 8. | 4. | | 14.0 | 12.0 | 1.6 |
| 10 10 76 | 0930 | | | | | .3 | | 16739 | 6 8 | | 10. | 1. | 4. | | 4.0 | 12.0 | 1.4 |
| 07 11 76 | 1610 | | | | | .3 | | 16796 | 6 8 | | 10. L | 1. | 1. | | 1.0 | 12.0 | 0.3 |
| 12 12 76 | 1645 | | | | | .3 | | 16851 | 4 6 8 | | 60. | 4. | 2. L | | 0.0 | 11.0 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---|-----------------------------------|----------------------------------|--|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| 18 | 01 | 76 | 1000 | | | .3 | | 0.006 | 0.001 | 0.020 | 0.240 | 0.002 | 0.090 | 33.0 | 1.0L | | 33 |
| 07 | 02 | 76 | 0900 | | | .3 | | 0.010 | 0.001 | 0.025 | 0.340 | 0.002 | 0.108 | | 1.0L | | |
| 06 | 03 | 76 | 0925 | | | .3 | | 0.009 | 0.002 | 0.034 | 0.310 | 0.001 | 0.149 | 39.0 | 1.0L | | 39 |
| 04 | 04 | 76 | 0820 | | | .3 | | 0.016 | 0.001L | 0.054 | 0.700 | 0.002 | 0.188 | | 2.8 | | 33 |
| 28 | 04 | 76 | 2000 | | | .3 | | 0.011 | 0.005 | 0.004 | 0.690 | 0.002 | 0.108 | | 2.4 | | |
| 28 | 05 | 76 | 1535 | | | .3 | | 0.006 | 0.001L | 0.018 | 0.210 | 0.002 | 0.038 | 35.0 | 2.2 | | |
| 27 | 06 | 76 | 1520 | | | .3 | | 0.005 | 0.001L | 0.004 | 0.27 | 0.001 | 0.004 | 37. | 1.0 | | |
| 07 | 08 | 76 | 1550 | | | .3 | | 0.010 | 0.001 | 0.006 | 0.290 | 0.001L | 0.005L | | 1.7 | | |
| 05 | 09 | 76 | 1250 | | | .3 | | 0.040 | 0.004 | 0.084 | 0.830 | 0.001 | 0.005L | | 2.3 | | |
| 10 | 10 | 76 | 0930 | | | .3 | | 0.001L | 0.001L | 0.010 | 0.190 | 0.001 | 0.005L | 53.0 | 1.2 | | |
| 07 | 11 | 76 | 1610 | | | .3 | | 0.009 | 0.002 | 0.020 | 0.280 | 0.001 | 0.019 | 47.0 | 1.3 | | |
| 12 | 12 | 76 | 1645 | | | .3 | | 0.006 | 0.001 | 0.032 | 0.230 | 0.001 | 0.029 | 40.0 | 0.9 | | |
| MAXIMUM | | | | | | | | 0.040 | 0.005 | 0.084 | 0.830 | 0.002 | 0.188 | 53.0 | 2.8 | | 39 |
| AVG OR GEOM MN (*) | | | | | | | | 0.011D | 0.002D | 0.026 | 0.382 | 0.001D | 0.062D | 41.1 | 1.6D | | 35 |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.004 | 0.190 | 0.001 | 0.004 | 33.0 | 0.9 | | 33 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 3 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 | 01 | 76 | 1000 | | | .3 | | 47 | 0.75 | 2.0 | 9.5 | | 3.0 | 9 | 5.90 | 0.10 | |
| 07 | 02 | 76 | 0900 | | | .3 | | 42 | 0.65 | 2.3 | 9.0 | 0.90 | 3.0 | 6 | 7.10 | 0.08 | |
| 06 | 03 | 76 | 0925 | | | .3 | | 58 | 0.80 | 2.2 | 10.0 | | 4.8 | 9 | 6.80 | 0.10 | |
| 04 | 04 | 76 | 0820 | | | .3 | | 52 | 1.50 | 2.6 | 8.5 | | 4.0 | 7 | 7.00 | 0.15 | |
| 28 | 04 | 76 | 2000 | | | .3 | | 50 | 0.85 | 2.7 | 10.0 | | 3.4 | 9 | 7.07 | | 0.080 |
| 28 | 05 | 76 | 1535 | | | .3 | | 49 | 0.70 | 3.1 | 9.5 | | 1.5 | 9 | 6.78 | | 0.050 |
| 27 | 06 | 76 | 1520 | | | .3 | | 54 | 1.4 | 3.6 | 11. | | 2.4 | 9 | 7.13 | | 0.05 |
| 07 | 08 | 76 | 1550 | | | .3 | | 54 | 1.00 | 3.4 | 9.5 | | 16.0 | 11 | 7.19 | | 0.100 |
| 05 | 09 | 76 | 1250 | | | .3 | | 70 | 1.80 | 5.3 | 11.0 | | 3.0 | 12 | 6.94 | | 0.140 |
| 10 | 10 | 76 | 0930 | | | .3 | | 80 | 1.00 | 4.2 | 12.5 | | 2.2 | 16 | 7.89 | | 0.140 |
| 07 | 11 | 76 | 1610 | | | .3 | | 72 | 1.20 | 5.0 | 13.5 | | 1.6 | 14 | 7.12 | | 0.080 |
| 12 | 12 | 76 | 1645 | | | .3 | | 58 | 1.70 | 3.2 | 11.5 | | 3.0 | 9 | 6.92 | | 0.080 |
| MAXIMUM | | | | | | | | 80 | 1.80 | 5.3 | 13.5 | 0.90 | 16.0 | 16 | 7.89 | 0.15 | 0.140 |
| AVG OR GEOM MN (*) | | | | | | | | 57 | 1.11 | 3.3 | 10.5 | 0.90 | 4.0 | 10 | 6.99 | 0.11 | 0.090 |
| MINIMUM | | | | | | | | 42 | 0.65 | 2.0 | 8.5 | 0.90 | 1.5 | 6 | 5.90 | 0.08 | 0.050 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 1 | 12 | 12 | 12 | 4 | 8 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 18 | 01 | 76 | 1000 | | | .3 | | | 14.0 | | | 10 | | | | 28 | |
| 07 | 02 | 76 | 0900 | | | .3 | | | 14.0 | 3.60 | 1.10 | 15 | 0.75 | 2.20 | | 18 | |
| 06 | 03 | 76 | 0925 | | | .3 | | 16.0 | 15.0 | | | 10 | | | | | |
| 04 | 04 | 76 | 0820 | | | .3 | | | 16.0 | | | 10 | | | | 14 | |
| 28 | 04 | 76 | 2000 | | | .3 | | 1.0L | 14.0 | | | 5 | | | | | |
| 28 | 05 | 76 | 1535 | | | .3 | | 1.0L | 18.0 | | | 15 | | | | | |
| 27 | 06 | 76 | 1520 | | | .3 | | | 15. | | | 10 | | | | | |
| 07 | 08 | 76 | 1550 | | | .3 | | 1.0L | 16.0 | 4.80 | 1.15 | 10 | | | | | |
| 05 | 09 | 76 | 1250 | | | .3 | | 8.5 | 17.0 | 5.00 | 1.15 | 15 | | | | | |
| 10 | 10 | 76 | 0930 | | | .3 | | 1.0 | 17.0 | 4.80 | 1.20 | 10 | | | | | |
| 07 | 11 | 76 | 1610 | | | .3 | | 1.0L | 17.0 | 5.20 | 1.30 | 5 | | | | | |
| 12 | 12 | 76 | 1645 | | | .3 | | 1.0 | 16.0 | | | 15 | | | | | |
| MAXIMUM | | | | | | | | 16.0 | 18.0 | 5.20 | 1.30 | 15 | 0.75 | 2.20 | | 28 | |
| AVG OR GEOM MN (*) | | | | | | | | 3.8D | 15.8 | 4.64 | 1.18 | 11 | 0.75 | 2.20 | | 20 | |
| MINIMUM | | | | | | | | 1.0 | 14.0 | 3.60 | 1.10 | 5 | 0.75 | 2.20 | | 14 | |
| NO OF SAMPLES | | | | | | | | 8 | 12 | 5 | 5 | 12 | 1 | 1 | | 3 | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 18 | 01 | 76 | 1000 | | | .3 | | | | | 0.020L | | | | | | |
| 07 | 02 | 76 | 0900 | | | .3 | | | | 0.030L | | 0.010L | | | 0.070 | 0.056 | 0.020L |
| 06 | 03 | 76 | 0925 | | | .3 | | | | | 0.020L | | | | | | |
| 04 | 04 | 76 | 0820 | | | .3 | | | | | 0.020L | | | | | | |
| 28 | 05 | 76 | 1535 | | | .3 | | 0.001L | | | 0.080 | 0.010L | 0.010L | | 0.030 | | 0.010 |
| 27 | 06 | 76 | 1520 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.060 | | 0.010L |
| 05 | 09 | 76 | 1250 | | | .3 | | 0.001L | | | 0.010 | 0.040 | 0.010L | | 0.030 | | 0.010L |
| 10 | 10 | 76 | 0930 | | | .3 | | 0.001L | | | 0.050 | 0.030 | 0.010L | | 0.010L | | 0.010L |
| 07 | 11 | 76 | 1610 | | | .3 | | 0.001L | | | 0.020 | 0.040 | 0.010L | | 0.070 | | 0.010L |
| 12 | 12 | 76 | 1645 | | | .3 | | 0.001L | | | 0.020 | 0.020 | 0.010L | | 0.020 | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | | 0.030 | 0.080 | 0.040 | 0.010 | | 0.070 | 0.056 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | 0.030D | 0.028D | 0.027D | 0.010D | | 0.041D | 0.056 | 0.011D |
| MINIMUM | | | | | | | | 0.001 | | 0.030 | 0.010 | 0.010 | 0.010 | | 0.010 | 0.056 | 0.010 |
| NO OF SAMPLES | | | | | | | | 6 | | 1 | 9 | 7 | 6 | | 7 | 1 | 7 |

B.O.W. / SITE: MC CURRY LAKE OUTLET
SAMPLE POINT: EMIL STREET PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0097-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MC CURRY LAKE

STORET CODE: 02
002
3710

| 1 | | | | LAT | | LONG | | U.T.M. 17 0576800.0 5019950.0 4 | | | | REGION 05 | | MILEAGE | | 0.20 | |
|--------------------|--|--|--|------|-----------|------|---------|---------------------------------|----------|----------|----------|-----------|----------|---------|--------|-----------|--|
| SAMP DTE HOUR | | | | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | | | | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | |
| | | | | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD | |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | |
| 18 01 76 1120 | | | | | .3 | | 16409 | 8 9 0 | | | | | | 0.0 | 5.0 | 22.0 | |
| 07 02 76 1030 | | | | | .3 | | 16445 | 8 9 0 | | 59000E+1 | 150. | 160. | | 0.0 | 5.0 | 19.0 | |
| 06 03 76 1055 | | | | | .3 | | 16486 | 8 9 0 | | 4600. | 100. L | 500. | | 0.0 | 5.0 | 6.0 | |
| 04 04 76 0950 | | | | | .3 | | 16533 | 8 9 0 | | 1800. | 100. | 100. | | 0.0 | 6.0 | 4.6 | |
| 28 04 76 1910 | | | | | .3 | | 16575 | 8 9 0 | | | | | | 4.0 | 4.0 | 12.0 | |
| 28 05 76 1440 | | | | | .3 | | 16614 | 8 9 0 | | 2200. | 1. | 20. | | 7.0 | 4.0 | 22.0 | |
| 27 06 76 1420 | | | | | .3 | | 16658 | 8 9 0 | | 90000. | | 1310. | | 13.0 | 5.0 | 14.0 | |
| 07 08 76 1450 | | | | | .3 | | 16675 | 8 9 0 | | 4000. | | 10. | | 21.0 | 5.0 | 10.0 | |
| 05 09 76 1355 | | | | | .3 | | 16702 | 8 9 0 | | 50000E+1 | 8000. | 140. | | 17.0 | 8.0 | 14.0 | |
| 10 10 76 1010 | | | | | .3 | | 16741 | 8 9 0 | | 240. | 16. | 200. | | 4.0 | 5.0 | 7.8 | |
| 07 11 76 1510 | | | | | .3 | | 16794 | 8 9 0 | | 1000. | 100. | 10. | | 2.0 | 6.0 | 4.5 | |
| 12 12 76 1515 | | | | | .3 | | 16849 | 8 9 0 | | 24000. | 770. | 550. | | 1.0 | 6.0 | 7.0 | |
| MAXIMUM | | | | | | | | | | 59000E+1 | 8000. | 1310. | | 21.0 | 8.0 | 22.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 10110.* | 105.* D | 112.* | | 5.8 | 5.3 | 11.9 | |
| MINIMUM | | | | | | | | | | 240. | 1. | 10. | | 0.0 | 4.0 | 4.5 | |
| NO OF SAMPLES | | | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 | |
| SAMP DTE HOUR | | | | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 | |
| DY MO YR LMT | | | | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL | |
| | | | | FEET | MTRS | | MG/L | P MG/L | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS | |
| | | | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | |
| 18 01 76 1120 | | | | | .3 | | 3.300 | 3.100 | 18.000 | 20.000 | 0.007 | 0.010L | 309.0 | 19.0 | | | |
| 07 02 76 1030 | | | | | .3 | | 3.280 | 1.950 | 15.500 | 16.800 | 0.005 | 0.005L | | 20.0 | | | |
| 06 03 76 1055 | | | | | .3 | | 1.760 | 1.200 | 8.600 | 10.000 | 0.023 | 0.047 | 334.0 | 18.0 | | | |
| 04 04 76 0950 | | | | | .3 | | 0.650 | 0.360 | 3.580 | 4.500 | 0.110 | 0.660 | 298.0 | 9.1 | | | |
| 28 04 76 1910 | | | | | .3 | | 0.670 | 0.440 | 5.100 | 5.800 | 0.150 | 0.515 | | 8.4 | 309 | | |
| 28 05 76 1440 | | | | | .3 | | 0.192 | 0.040 | 0.820 | 3.520 | 0.150 | 0.728 | 339.0 | 10.0 | 329 | | |
| 27 06 76 1420 | | | | | .3 | | 0.625 | 0.155 | | 3.950 | 0.270 | 0.285 | 344.0 | 44.0 | 300 | | |
| 07 08 76 1450 | | | | | .3 | | 0.640 | 0.205 | 4.750 | 7.700 | 0.215 | 0.560 | 332.0 | 22.0 | 310 | | |
| 05 09 76 1355 | | | | | .3 | | 0.378 | 0.220 | 4.900 | 5.400 | 0.440 | 2.300 | 363.0 | 4.5 | 358 | | |
| 10 10 76 1010 | | | | | .3 | | 0.250 | 0.064 | 6.350 | 6.400 | 0.090 | 1.530 | 316.0 | 7.1 | 309 | | |
| 07 11 76 1510 | | | | | .3 | | 0.222 | 0.065 | 7.150 | 7.250 | 0.029 | 0.591 | 251.0 | 6.8 | 244 | | |
| 12 12 76 1515 | | | | | .3 | | 0.740 | 0.250 | 9.500 | 10.000 | 0.007 | 0.020 | 294.0 | 18.0 | 276 | | |
| MAXIMUM | | | | | | | 3.300 | 3.100 | 18.000 | 20.000 | 0.440 | 2.300 | 363.0 | 44.0 | 358 | | |
| AVG OR GEOM MN (*) | | | | | | | 1.059 | 0.671 | 7.659 | 8.443 | 0.125 | 0.604D | 318.0 | 15.6 | 304 | | |
| MINIMUM | | | | | | | 0.192 | 0.040 | 0.820 | 3.520 | 0.005 | 0.005 | 251.0 | 4.5 | 244 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 11 | 12 | 12 | 12 | 10 | 12 | 8 | | |
| SAMP DTE HOUR | | | | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 | |
| DY MO YR LMT | | | | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL | |
| | | | | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON | |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L | |
| 18 01 76 1120 | | | | | .3 | | 590 | 9.70 | 80.0 | | 3.70 | | 127 | 6.90 | | | |
| 07 02 76 1030 | | | | | .3 | | 60 | 1.80 | 75.0 | 32.0 | 3.05 | | 93 | 7.10 | 2.00 | | |
| 06 03 76 1055 | | | | | .3 | | 600 | 6.70 | 4.3 | | | 20.0 | 97 | 7.20 | 1.00 | | |
| 04 04 76 0950 | | | | | .3 | | 520 | 7.30 | 96.0 | | | 4.4 | 79 | 7.40 | 0.90 | | |
| 28 04 76 1910 | | | | | .3 | | 600 | 2.50 | 100.0 | 30.0 | 2.15 | | | 7.15 | | 0.43 | |
| 28 05 76 1440 | | | | | .3 | | 550 | 3.90 | 100.0 | 21.5 | 1.40 | | | 6.70 | | 0.50 | |
| 27 06 76 1420 | | | | | .3 | | 520 | 2.00 | 99.0 | 11.5 | 2.40 | | | 6.84 | | 0.700 | |
| 07 08 76 1450 | | | | | .3 | | 530 | 8.00 | 115.0 | 8.0 | 3.65 | | | 7.33 | | 1.700 | |
| 05 09 76 1355 | | | | | .3 | | 560 | 2.20 | 120.0 | 14.0 | 3.20 | | | 7.14 | | 0.360 | |
| 10 10 76 1010 | | | | | .3 | | 600 | 4.50 | 73.0 | 8.5 | 0.30 | | | 7.43 | | 1.050 | |
| 07 11 76 1510 | | | | | .3 | | 470 | 7.50 | 88.0 | 16.0 | 3.20 | | | 7.69 | | 1.600 | |
| 12 12 76 1515 | | | | | .3 | | 500 | 80.00 | 93.0 | 20.5 | 3.10 | | | 7.50 | | 3.500 | |
| MAXIMUM | | | | | | | 600 | 80.00 | 120.0 | 32.0 | 3.70 | 20.0 | 127 | 7.69 | 2.00 | 3.500 | |
| AVG OR GEOM MN (*) | | | | | | | 508 | 11.34 | 86.9 | 18.0 | 2.62 | 14.5 | 99 | 7.20 | 1.30 | 1.230 | |
| MINIMUM | | | | | | | 60 | 1.80 | 4.3 | 8.0 | 0.30 | 4.4 | 79 | 6.70 | 0.90 | 0.360 | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 9 | 10 | 3 | 4 | 12 | 3 | 8 | |
| SAMP DTE HOUR | | | | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 | |
| DY MO YR LMT | | | | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT | |
| | | | | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES | |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L | |
| 18 01 76 1120 | | | | | .3 | | 20.0 | | 28.00 | | | | | | | | |
| 07 02 76 1030 | | | | | .3 | | 21.0 | | 25.00 | 5.50 | 50 | 8.50 | 49.00 | | 85 | | |
| 06 03 76 1055 | | | | | .3 | | | 85.0 | | | 50 | | | | | | |
| 04 04 76 0950 | | | | | .3 | | | 108.0 | | | 30 | | | | | | |
| 28 04 76 1910 | | | | | .3 | | 1.0L | | | | | | | 10 | 47 | | |
| 28 05 76 1440 | | | | | .3 | | | | | | | | | 17 | 38 | | |
| 27 06 76 1420 | | | | | .3 | | 1.0L | | | | | | | 11 | 46 | | |
| 07 08 76 1450 | | | | | .3 | | 1.0L | | | | | | | 20 | 45 | | |
| 05 09 76 1355 | | | | | .3 | | 2.0 | | | | | | | 12 | 28 | | |
| 10 10 76 1010 | | | | | .3 | | 1.0L | | | | | | | 10 | 42 | | |
| 07 11 76 1510 | | | | | .3 | | 1.0L | | | | | | | 14 | 63 | | |
| 12 12 76 1515 | | | | | .3 | | | | | | | | | 18 | 50 | | |
| MAXIMUM | | | | | | | 21.0 | 108.0 | 28.00 | 5.50 | 50 | 8.50 | 49.00 | 20 | 85 | | |
| AVG OR GEOM MN (*) | | | | | | | 6.0D | 92.3 | 26.50 | 5.50 | 43 | 8.50 | 49.00 | 14 | 49 | | |
| MINIMUM | | | | | | | 1.0 | 84.0 | 25.00 | 5.50 | 30 | 8.50 | 49.00 | 10 | 28 | | |
| NO OF SAMPLES | | | | | | | 8 | 3 | 2 | 1 | 3 | 1 | 1 | 8 | 9 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1120 | | | .3 | | | | | | | | | | 0.090 | |
| 07 | 02 | 76 | 1030 | | | .3 | | | | 0.240 | | 0.050 | | | 0.060 | 0.104 | 0.020L |
| 07 | 11 | 76 | 1510 | | | .3 | | | | | | | | | | | |
| 23 | 11 | 76 | 1200 | | | .3 | | 0.001L | 0.010 | | | 0.01 L | 0.01 L | 0.005L | 0.06 | | 0.01 L |
| MAXIMUM | | | | | | | | 0.001 | 0.02 | 0.240 | 0.01 | 0.050 | 0.01 | 0.005 | 0.060 | 0.104 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.015D | 0.240 | 0.01 D | 0.030D | 0.01 D | 0.005D | 0.060 | 0.097 | 0.015D |
| MINIMUM | | | | | | | | 0.001 | 0.010 | 0.240 | 0.01 | 0.01 | 0.01 | 0.005 | 0.060 | 0.090 | 0.01 |
| NO OF SAMPLES | | | | | | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 |

B.O.W. / SITE: SEGUIN RIVER
SAMPLE POINT: AT HIGHWAY 698 PARRY SOUND
STATION TYPE: RIVER

STATION ID: 03-0098-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SEGUIN RIVER

STORET CODE: 02
002
3720

STN NO 1 LAT LONG U.T.M. 17 0575875.0 5021350.0 4 REGION 05 MILEAGE 0.30

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1140 | | | .3 | | 16410 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 07 | 02 | 76 | 1050 | | | .3 | | 16446 | 4 6 8 | | 390. | 10. | 1. | | 0.0 | 12.0 | 0.8 |
| 06 | 03 | 76 | 1115 | | | .3 | | 16487 | 4 6 8 | | 280. | 10. | 10. L | | 0.0 | 11.0 | 0.6 |
| 04 | 04 | 76 | 1020 | | | .3 | | 16534 | 3 6 8 | | 90. | 1. | 8. | | 0.0 | 11.0 | 0.8 |
| 28 | 04 | 76 | 1850 | | | .3 | | 16574 | 8 6 | | | | | | 3.0 | 11.0 | 0.8 |
| 28 | 05 | 76 | 1410 | | | .3 | | 16613 | 6 8 | | 400. | 1. | 4. | | 6.0 | 11.0 | 0.2 |
| 27 | 06 | 76 | 1350 | | | .3 | | 16657 | 6 8 9 | | 3100. | | 1. | | 11.0 | 12.0 | 0.4 |
| 07 | 08 | 76 | 1425 | | | .3 | | 16674 | 6 8 9 | | 22300. | | 28. | | 17.0 | 11.0 | 0.2 |
| 05 | 09 | 76 | 1425 | | | .3 | | 16703 | 6 8 | | 67000E+1 | 7000. | 54. | | 16.0 | 12.0 | 1.2 |
| 10 | 10 | 76 | 1040 | | | .3 | | 16742 | 6 8 | | 2400. | 300. | 240. | | 4.0 | 11.0 | 1.2 |
| 07 | 11 | 76 | 1440 | | | .3 | | 16793 | 6 8 | | 23000. | 1600. | 448. | | 1.0 | 11.0 | 0.9 |
| 12 | 12 | 76 | 1510 | | | .3 | | 16848 | 6 8 | | 100. | 100. | 40. | | 0.0 | 11.0 | 0.4 |
| MAXIMUM | | | | | | | | | | | 67000E+1 | 7000. | 448. | | 17.0 | 12.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1996.* | 49.* | 17.* D | | 4.8 | 11.3 | 0.7 |
| MINIMUM | | | | | | | | | | | 90. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1140 | | | .3 | | 0.020 | 0.010 | 0.060 | 0.460 | 0.003 | 0.140 | 43.0 | 1.0 | | 42 |
| 07 | 02 | 76 | 1050 | | | .3 | | 0.019 | 0.004 | 0.070 | 0.460 | 0.004 | 0.126 | | 1.0 | | |
| 06 | 03 | 76 | 1115 | | | .3 | | 0.020 | 0.004 | 0.036 | 0.460 | 0.004 | 0.161 | | | | 33 |
| 04 | 04 | 76 | 1020 | | | .3 | | 0.015 | 0.002 | 0.054 | 0.420 | 0.004 | 0.196 | | 3.0 | | 26 |
| 28 | 04 | 76 | 1850 | | | .3 | | 0.010 | 0.002 | 0.024 | 0.290 | 0.004 | 0.176 | | 1.8 | | |
| 28 | 05 | 76 | 1410 | | | .3 | | 0.005 | 0.002 | 0.020 | 0.230 | 0.002 | 0.118 | 31.0 | 1.6 | | |
| 27 | 06 | 76 | 1350 | | | .3 | | 0.008 | 0.001 | 0.022 | 0.28 | 0.002 | 0.068 | 27. | 1.2 | | |
| 07 | 08 | 76 | 1425 | | | .3 | | 0.011 | 0.002 | 0.024 | 0.290 | 0.002 | 0.023 | 27.0 | 0.9 | | |
| 05 | 09 | 76 | 1425 | | | .3 | | 0.021 | 0.001 | 0.060 | 0.480 | 0.003 | 0.023 | 35.0 | 1.9 | | |
| 10 | 10 | 76 | 1040 | | | .3 | | 0.007 | 0.002 | 0.042 | 0.240 | 0.002 | 0.048 | 38.0 | 1.7 | | |
| 07 | 11 | 76 | 1440 | | | .3 | | 0.017 | 0.005 | 0.028 | 0.310 | 0.002 | 0.133 | 38.0 | 1.5 | | |
| 12 | 12 | 76 | 1510 | | | .3 | | 0.010 | 0.002 | 0.024 | 0.240 | 0.002 | 0.078 | 27.0 | 1.3 | | |
| MAXIMUM | | | | | | | | 0.021 | 0.010 | 0.070 | 0.480 | 0.004 | 0.196 | 43.0 | 3.0 | | 42 |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.003 | 0.039 | 0.347 | 0.003 | 0.108 | 33.3 | 1.5 | | 34 |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.020 | 0.230 | 0.002 | 0.023 | 27. | 0.9 | | 26 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 11 | | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1140 | | | .3 | | 66 | 1.20 | 2.0 | | 1.80 | | 9 | 6.70 | | |
| 07 | 02 | 76 | 1050 | | | .3 | | 58 | 1.40 | 6.0 | 8.5 | 1.65 | 2.0 | 9 | 7.00 | 0.32 | |
| 06 | 03 | 76 | 1115 | | | .3 | | 52 | 1.10 | 4.7 | | | 3.2 | 11 | 7.00 | 0.25 | |
| 04 | 04 | 76 | 1020 | | | .3 | | 42 | 1.90 | 1.9 | | | 2.2 | 8 | 6.80 | 0.30 | |
| 28 | 04 | 76 | 1850 | | | .3 | | 42 | 1.00 | 1.8 | 8.0 | | 2.4 | 8 | 6.76 | | 0.210 |
| 28 | 05 | 76 | 1410 | | | .3 | | 43 | 0.75 | 2.1 | 7.0 | | 1.5 | 9 | 6.95 | | 0.110 |
| 27 | 06 | 76 | 1350 | | | .3 | | 41 | 1.1 | 2.1 | 7.5 | | 2.4 | 10 | 6.89 | | 0.12 |
| 07 | 08 | 76 | 1425 | | | .3 | | 42 | 0.95 | 2.2 | 7.5 | | 16.0 | 11 | 7.20 | | 0.210 |
| 05 | 09 | 76 | 1425 | | | .3 | | 52 | 1.20 | 3.3 | 7.5 | | 2.1 | 10 | 7.20 | | 0.100 |
| 10 | 10 | 76 | 1040 | | | .3 | | 56 | 1.20 | 2.6 | 8.0 | | 1.8 | 16 | 7.08 | | 0.120 |
| 07 | 11 | 76 | 1440 | | | .3 | | 54 | 1.40 | 3.6 | 8.0 | | 2.2 | 9 | 7.05 | | 0.140 |
| 12 | 12 | 76 | 1510 | | | .3 | | 42 | 1.10 | 3.8 | 8.0 | | 2.0 | 7 | 6.89 | | 0.220 |
| MAXIMUM | | | | | | | | 66 | 1.90 | 6.0 | 8.5 | 1.80 | 16.0 | 16 | 7.20 | 0.32 | 0.220 |
| AVG OR GEOM MN (*) | | | | | | | | 49 | 1.19 | 3.0 | 7.8 | 1.73 | 3.4 | 10 | 6.96 | 0.29 | 0.154 |
| MINIMUM | | | | | | | | 41 | 0.75 | 1.8 | 7.0 | 1.65 | 1.5 | 7 | 6.70 | 0.25 | 0.100 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 9 | 2 | 11 | 12 | 12 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTISSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRELES MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 18 | 01 | 76 | 1140 | | | .3 | | 2.0 | | 4.30 | | | | | | | |
| 07 | 02 | 76 | 1050 | | | .3 | | 4.0 | 15.0 | 4.20 | 1.00 | 30 | 0.80 | 4.90 | | 24 | |
| 06 | 03 | 76 | 1115 | | | .3 | | | 15.0 | | | 40 | | | | | |
| 04 | 04 | 76 | 1020 | | | .3 | | | 14.0 | | | 30 | | | | | |
| 28 | 04 | 76 | 1850 | | | .3 | | 1.0L | 13.0 | | | 15 | | | | | |
| 28 | 05 | 76 | 1410 | | | .3 | | 1.0L | 19.0 | | | 30 | | | | | |
| 27 | 06 | 76 | 1350 | | | .3 | | 1. | 18. | | | 20 | | | | | |
| 07 | 08 | 76 | 1425 | | | .3 | | 1.0L | 14.0 | 4.20 | 0.90 | 15 | | | | | |
| 05 | 09 | 76 | 1425 | | | .3 | | 2.0 | 16.0 | 4.60 | 1.00 | 30 | | | | | |
| 10 | 10 | 76 | 1040 | | | .3 | | 1.0L | 14.0 | 4.00 | 0.90 | 20 | | | | | |
| 07 | 11 | 76 | 1440 | | | .3 | | 1.0L | 17.0 | 5.00 | 1.10 | 20 | | | | | |
| 12 | 12 | 76 | 1510 | | | .3 | | 4.0 | 14.0 | | | 30 | | | | | |
| MAXIMUM | | | | | | | | 4.0 | 19.0 | 5.00 | 1.10 | 40 | 0.80 | 4.90 | | 24 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.8D | 15.4 | 4.38 | 0.98 | 25 | 0.80 | 4.90 | | 24 | |
| MINIMUM | | | | | | | | 1.0 | 13.0 | 4.00 | 0.90 | 15 | 0.80 | 4.90 | | 24 | |
| NO OF SAMPLES | | | | | | | | 10 | 11 | 6 | 5 | 11 | 1 | 1 | | 1 | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1140 | | | .3 | | | | | | | | | | 0.036 | |
| 07 | 02 | 76 | 1050 | | | .3 | | | | 0.110 | | 0.010L | | | 0.020 | 0.040 | 0.020L |
| 28 | 05 | 76 | 1410 | | | .3 | 0.001L | | | | 0.010L | 0.030 | 0.010L | | 0.020 | | 0.010L |
| 27 | 06 | 76 | 1350 | | | .3 | 0.001L | | | | 0.010L | 0.010L | 0.010L | | 0.040 | | 0.010L |
| 05 | 09 | 76 | 1425 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 10 | 10 | 76 | 1040 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 07 | 11 | 76 | 1440 | | | .3 | 0.001L | | | | 0.010L | 0.030 | 0.010L | | 0.030 | | 0.010L |
| 12 | 12 | 76 | 1510 | | | .3 | 0.001L | | | | 0.020L | 0.040 | 0.010L | | 0.030 | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | | 0.110 | 0.020 | 0.040 | 0.010 | | 0.040 | 0.040 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | 0.110 | 0.012D | 0.029D | 0.010D | | 0.024D | 0.038 | 0.011D |
| MINIMUM | | | | | | | | 0.001 | | 0.110 | 0.010 | 0.010 | 0.010 | | 0.010 | 0.036 | 0.010 |
| NO OF SAMPLES | | | | | | | | 6 | | 1 | 6 | 7 | 6 | | 7 | 2 | 7 |

B.O.W./ SITE: SHAWANAGA RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER FLOW GAUGE FED 02EAO12

STATION ID: 03-0115-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SHAWANAGA RIVER

STORET CODE: 02
002
4190

STN NO 1 LAT LONG U.T.M. 17 0555850.0 5044050.0 4 REGION 05 MILEAGE 5.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1210 | | | .3 | | 16411 | 4 6 8 | 88.0 | | | | | 0.0 | 11.0 | 1.0 |
| 07 | 02 | 76 | 1125 | | | .3 | | 16447 | 4 6 8 | 86.1 | 240. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 06 | 03 | 76 | 1155 | | | .3 | | 16488 | 4 6 8 | 255. | 260. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 04 | 04 | 76 | 1100 | | | .3 | | 16535 | 3 6 8 | 1100. | 52. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 28 | 04 | 76 | 1800 | | | .3 | | 16573 | 8 6 | 136. | | | | | 2.0 | 12.0 | 0.6 |
| 28 | 05 | 76 | 1330 | | | .3 | | 16612 | 6 8 | 140. | 50. | 1. | 1. | | 6.0 | 11.0 | 0.4 |
| 27 | 06 | 76 | 1310 | | | .3 | | 16656 | 6 8 | 20.8 | 30. | | 1. | | 10.0 | 11.0 | 0.6 |
| 07 | 08 | 76 | 1350 | | | .3 | | 16673 | 6 8 | 3.6 | 50. | | 1. | | 18.0 | 11.0 | 0.2 |
| 05 | 09 | 76 | 1505 | | | .3 | | 16704 | 6 8 | 1.2 | 30000. | 44. | 4. | | 16.0 | 11.0 | 0.5 |
| 10 | 10 | 76 | 1130 | | | .3 | | 16743 | 6 8 | 2.3 | 30. | 12. | 12. | | 4.0 | 11.0 | 1.0 |
| 07 | 11 | 76 | 1345 | | | .3 | | 16792 | 6 8 | 5.4 | 100. L | 1. | 4. | | 1.0 | 11.0 | 0.1 |
| 12 | 12 | 76 | 1425 | | | .3 | | 16847 | 6 8 | 71.0 | 20. | 2. L | 2. L | | 0.0 | 12.0 | 0.6 |
| MAXIMUM | | | | | | | | | | 1100. | 30000. | 44. | 12. | | 18.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 159.1 | 116.* D | 2.* D | 2.* D | | 4.8 | 11.3 | 0.6 |
| MINIMUM | | | | | | | | | | 1.2 | 20. | 1. | 1. | | 0.0 | 11.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | 12 | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1210 | | | .3 | | 0.016 | 0.009 | 0.090 | 0.440 | 0.003 | 0.050 | 27.0 | 1.0 | | 26 |
| 07 | 02 | 76 | 1125 | | | .3 | | 0.013 | 0.007 | 0.090 | 0.400 | 0.003 | 0.042 | | 1.0L | | |
| 06 | 03 | 76 | 1155 | | | .3 | | 0.011 | 0.005 | 0.084 | 0.420 | 0.004 | 0.076 | 34.0 | 1.3 | | 33 |
| 04 | 04 | 76 | 1100 | | | .3 | | 0.010 | 0.001 | 0.002L | 0.440 | 0.004 | 0.121 | | 2.3 | | 23 |
| 28 | 04 | 76 | 1800 | | | .3 | | 0.010 | 0.001 | 0.028 | 0.290 | 0.003 | 0.097 | | 2.5 | | |
| 28 | 05 | 76 | 1330 | | | .3 | | 0.010 | 0.001 | 0.014 | 0.250 | 0.002 | 0.053 | 21.0 | 1.2 | | |
| 27 | 06 | 76 | 1310 | | | .3 | | 0.009 | 0.001 | 0.014 | 0.34 | 0.002 | 0.003 | 23. | 2.6 | | |
| 07 | 08 | 76 | 1350 | | | .3 | | 0.010 | 0.002 | 0.014 | 0.260 | 0.001 | 0.014 | 26.0 | 2.8 | | |
| 05 | 09 | 76 | 1505 | | | .3 | | 0.016 | 0.004 | 0.034 | 0.400 | 0.001 | 0.009 | 28.0 | 1.7 | | |
| 10 | 10 | 76 | 1130 | | | .3 | | 0.009 | 0.001 | 0.006 | 0.270 | 0.001 | 0.024 | 30.0 | 0.7 | | |
| 07 | 11 | 76 | 1345 | | | .3 | | 0.008 | 0.002 | 0.014 | 0.300 | 0.002 | 0.018 | 24.0 | 0.9 | | |
| 12 | 12 | 76 | 1425 | | | .3 | | 0.008 | 0.002 | 0.034 | 0.250 | 0.002 | 0.008 | 24.0 | 1.3 | | |
| MAXIMUM | | | | | | | | 0.016 | 0.009 | 0.090 | 0.440 | 0.004 | 0.121 | 34.0 | 2.8 | | 33 |
| AVG OR GEOM MN (*) | | | | | | | | 0.011 | 0.003 | 0.0350 | 0.338 | 0.002 | 0.043 | 26.3 | 1.6D | | 27 |
| MINIMUM | | | | | | | | 0.008 | 0.001 | 0.002 | 0.250 | 0.001 | 0.003 | 21.0 | 0.7 | | 23 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 3 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1210 | | | .3 | | 39 | 0.85 | 1.0 | | 1.70 | | 7 | 6.20 | | |
| 07 | 02 | 76 | 1125 | | | .3 | | 38 | 0.95 | 1.5 | 7.5 | 1.55 | 4.0 | 7 | 6.50 | 0.31 | |
| 06 | 03 | 76 | 1155 | | | .3 | | 48 | 0.95 | 4.0 | | | 5.0 | 12 | 6.30 | 0.50 | |
| 04 | 04 | 76 | 1100 | | | .3 | | 35 | 1.30 | 1.3 | | | 5.6 | 6 | 6.30 | 0.35 | |
| 28 | 04 | 76 | 1800 | | | .3 | | 31 | 0.90 | 1.0 | 7.5 | | 4.0 | 7 | 6.51 | | 0.180 |
| 28 | 05 | 76 | 1330 | | | .3 | | 32 | 0.70 | 1.3 | 6.5 | | 1.8 | 7 | 6.88 | | 0.110 |
| 27 | 06 | 76 | 1310 | | | .3 | | 32 | 1.5 | 1.4 | 7.5 | | 2.6 | 7 | 6.62 | | 0.17 |
| 07 | 08 | 76 | 1350 | | | .3 | | 34 | 1.00 | 1.5 | 7.0 | | 28.0 | 7 | 6.67 | | 0.220 |
| 05 | 09 | 76 | 1505 | | | .3 | | 38 | 0.64 | 2.1 | 7.0 | | 2.4 | 6 | 7.10 | | 0.070 |
| 10 | 10 | 76 | 1130 | | | .3 | | 45 | 0.80 | 2.8 | 7.5 | | 2.3 | 15 | 7.05 | | 0.210 |
| 07 | 11 | 76 | 1345 | | | .3 | | 37 | 2.00 | 1.7 | 7.5 | | 2.0 | 8 | 7.10 | | 0.250 |
| 12 | 12 | 76 | 1425 | | | .3 | | 35 | 0.80 | 1.5 | 8.0 | | 3.0 | 7 | 6.64 | | 0.200 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|-----|------|------|----|------|------|-------|
| MAXIMUM | | | | | | | | 48 | 2.00 | 4.0 | 8.0 | 1.70 | 28.0 | 15 | 7.10 | 0.50 | 0.250 |
| AVG OR GEOM MN (*) | | | | | | | | 37 | 1.03 | 1.8 | 7.3 | 1.63 | 5.5 | 8 | 6.66 | 0.39 | 0.176 |
| MINIMUM | | | | | | | | 31 | 0.64 | 1.0 | 6.5 | 1.55 | 1.8 | 6 | 6.20 | 0.31 | 0.070 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 9 | 2 | 11 | 12 | 12 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 | 01 | 76 | 1210 | | | .3 | | 1.0L | | 3.40 | | | | | | | |
| 07 | 02 | 76 | 1125 | | | .3 | | 1.0 | 12.0 | 3.50 | 0.80 | 40 | 0.55 | 1.50 | | 20 | |
| 06 | 03 | 76 | 1155 | | | .3 | | | 14.0 | | | 50 | | | | | |
| 04 | 04 | 76 | 1100 | | | .3 | | | 9.0 | | | 40 | | | | | |
| 28 | 04 | 76 | 1800 | | | .3 | | 1.0L | 10.0 | | | 20 | | | | | |
| 28 | 05 | 76 | 1330 | | | .3 | | 1.0L | 10.0 | | | 30 | | | | | |
| 27 | 06 | 76 | 1310 | | | .3 | | 1. | 10. | | | 30 | | | | | |
| 07 | 08 | 76 | 1350 | | | .3 | | 1.0L | 11.0 | 3.40 | 0.75 | 20 | | | | | |
| 05 | 09 | 76 | 1505 | | | .3 | | 4.0 | 11.0 | 3.40 | 0.70 | 20 | | | | | |
| 10 | 10 | 76 | 1130 | | | .3 | | 1.0L | 11.0 | 3.20 | 0.70 | 20 | | | | | |
| 07 | 11 | 76 | 1345 | | | .3 | | 2.0 | 12.0 | 3.40 | 0.75 | 15 | | | | | |
| 12 | 12 | 76 | 1425 | | | .3 | | 1.0 | 12.0 | | | 30 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|------|------|----|------|------|--|----|--|
| MAXIMUM | | | | | | | | 4.0 | 14.0 | 3.50 | 0.80 | 50 | 0.55 | 1.50 | | 20 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.40 | 11.1 | 3.38 | 0.74 | 29 | 0.55 | 1.50 | | 20 | |
| MINIMUM | | | | | | | | 1.0 | 9.0 | 3.20 | 0.70 | 15 | 0.55 | 1.50 | | 20 | |
| NO OF SAMPLES | | | | | | | | 10 | 11 | 6 | 5 | 11 | 1 | 1 | | 1 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1210 | | | .3 | | | | | | | | | | 0.046 | |
| 07 | 02 | 76 | 1125 | | | .3 | | | | 0.130 | | 0.010L | | | 0.050 | 0.050 | 0.020L |
| 28 | 05 | 76 | 1330 | | | .3 | | 0.001L | | | 0.010L | 0.010 | 0.010L | | 0.020 | | 0.01L |
| 27 | 06 | 76 | 1310 | | | .3 | | 0.001L | | | 0.010L | 0.010 | 0.010L | | 0.060 | | 0.010 |
| 05 | 09 | 76 | 1505 | | | .3 | | 0.001L | | | | | | | | | |
| 10 | 10 | 76 | 1130 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 07 | 11 | 76 | 1345 | | | .3 | | 0.001L | | | 0.010L | 0.030 | 0.010L | | 0.040 | | 0.010L |
| 12 | 12 | 76 | 1425 | | | .3 | | 0.001L | | | 0.020L | 0.040 | 0.010L | | 0.030 | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|-------|--------|--------|--------|--|-------|-------|--------|
| MAXIMUM | | | | | | | | 0.001 | | 0.130 | 0.020 | 0.040 | 0.010 | | 0.060 | 0.050 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | 0.130 | 0.012D | 0.023D | 0.010D | | 0.037 | 0.048 | 0.012D |
| MINIMUM | | | | | | | | 0.001 | | 0.130 | 0.010 | 0.010 | 0.010 | | 0.020 | 0.046 | 0.010 |
| NO OF SAMPLES | | | | | | | | 6 | | 1 | 5 | 6 | 5 | | 6 | 2 | 6 |

B.O.W./ SITE: NAISCOOT RIVER
SAMPLE POINT: AT HIGHWAY 529 8 MILES NORTH OF JUNCTION 529 AND 69
STATION TYPE: RIVER

STATION ID: 03-0120-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: NAISCOOT RIVER

STORET CODE: 02
002
4650

STN NO 1 LAT LONG U.T.M. 17 0540275.0 5057550.0 4 REGION 05 MILEAGE 5.70

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1255 | | | .3 | | 16412 | 4 6 8 | | | | | | 0.0 | 10.0 | 1.2 |
| 07 | 02 | 76 | 1155 | | | .3 | | 16448 | 4 6 8 | | 152. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 06 | 03 | 76 | 1240 | | | .3 | | 16489 | 4 6 8 | | 340. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 04 | 04 | 76 | 1140 | | | .3 | | 16536 | 3 6 8 | | 20. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 28 | 04 | 76 | 1725 | | | .3 | | 16572 | 8 6 | | | | | | 2.0 | 11.0 | 0.6 |
| 28 | 05 | 76 | 1250 | | | .3 | | 16611 | 6 8 | | 112. | | 1. | | 6.0 | 11.0 | 0.6 |
| 27 | 06 | 76 | 1230 | | | .3 | | 16655 | 6 8 9 | | 100. | 1. | 8. | | 11.0 | 10.0 | 0.6 |
| 07 | 08 | 76 | 1315 | | | .3 | | 16672 | 6 8 9 | | 40. | | 1. | | 18.0 | 11.0 | 0.2 |
| 05 | 09 | 76 | 1545 | | | .3 | | 16705 | 6 8 | | 1200. | 8. | 1. | | 16.0 | 11.0 | 0.5 |
| 10 | 10 | 76 | 1205 | | | .3 | | 16744 | 6 8 | | 28. | 2. | 2. | | 4.0 | 11.0 | 1.0 |
| 07 | 11 | 76 | 1250 | | | .3 | | 16791 | 6 8 | | 150. | 1. | 162. | | 1.0 | 11.0 | 0.9 |
| 12 | 12 | 76 | 1340 | | | .3 | | 16846 | 6 8 | | 10. | 2. L | 2. L | | 0.0 | 11.0 | 0.4 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 1200. | 8. | 162. | | 18.0 | 11.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 86.* | 2.* D | 2.* D | | 4.8 | 10.8 | 0.7 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---|-----------------------------------|----------------------------------|--|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| 18 | 01 | 76 | 1255 | | .3 | | 0.016 | 0.001 | 0.040 | 0.620 | 0.003 | 0.080 | 27.0 | 1.0 | | 26 |
| 07 | 02 | 76 | 1155 | | .3 | | 0.012 | 0.001 | 0.060 | 0.490 | 0.003 | 0.057 | | 1.0 | | |
| 06 | 03 | 76 | 1240 | | .3 | | 0.011 | 0.002 | 0.090 | 0.480 | 0.004 | 0.066 | 34.0 | 1.7 | | 29 |
| 04 | 04 | 76 | 1140 | | .3 | | 0.009 | 0.001 | 0.074 | 0.460 | 0.003 | 0.142 | | 1.8 | | 20 |
| 28 | 04 | 76 | 1725 | | .3 | | 0.024 | 0.002 | 0.024 | 0.270 | 0.003 | 0.097 | | 3.5 | | |
| 28 | 05 | 76 | 1250 | | .3 | | 0.010 | 0.002 | 0.040 | 0.310 | 0.002 | 0.058 | 25.0 | 2.4 | | |
| 27 | 06 | 76 | 1230 | | .3 | | 0.029 | 0.004 | 0.022 | 0.48 | 0.003 | 0.027 | 37. | 8.3 | | |
| 07 | 08 | 76 | 1315 | | .3 | | 0.009 | 0.002 | 0.012 | 0.270 | 0.001 | 0.005L | 22.0 | 2.2 | | |
| 05 | 09 | 76 | 1545 | | .3 | | 0.013 | 0.003 | 0.016 | 0.310 | 0.001 | 0.005L | 26.0 | 2.8 | | |
| 10 | 10 | 76 | 1205 | | .3 | | 0.008 | 0.001 | 0.012 | 0.260 | 0.001 | 0.005L | 28.0 | 1.5 | | |
| 07 | 11 | 76 | 1250 | | .3 | | 0.039 | 0.001 | 0.020 | 0.500 | 0.002 | 0.023 | 50.0 | 24.0 | | |
| 12 | 12 | 76 | 1340 | | .3 | | 0.009 | 0.003 | 0.040 | 0.260 | 0.002 | 0.008 | 25.0 | 1.7 | | |
| MAXIMUM | | | | | | | 0.039 | 0.004 | 0.090 | 0.620 | 0.004 | 0.142 | 50.0 | 24.0 | | 29 |
| AVG OR GEOM MN (*) | | | | | | | 0.016 | 0.002 | 0.038 | 0.393 | 0.002 | 0.048D | 30.4 | 4.3 | | 25 |
| MINIMUM | | | | | | | 0.008 | 0.001 | 0.012 | 0.260 | 0.001 | 0.005 | 22.0 | 1.0 | | 20 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 3 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 | 01 | 76 | 1255 | | .3 | | 38 | 0.80 | 1.0 | | 1.80 | | 7 | 6.00 | | |
| 07 | 02 | 76 | 1155 | | .3 | | 37 | 1.00 | 10.0 | 7.0 | 1.55 | 3.0 | 7 | 6.50 | 0.30 | |
| 06 | 03 | 76 | 1240 | | .3 | | 44 | 0.90 | 2.8 | | | 4.6 | 6 | 6.30 | 0.35 | |
| 04 | 04 | 76 | 1140 | | .3 | | 32 | 1.10 | 0.7 | | | 5.6 | 6 | 6.20 | 0.35 | |
| 28 | 04 | 76 | 1725 | | .3 | | 32 | 1.10 | 0.9 | 7.5 | | 3.6 | 5 | 6.67 | | 0.320 |
| 28 | 05 | 76 | 1250 | | .3 | | 36 | 1.10 | 1.4 | 7.0 | | 1.8 | 9 | 7.04 | | 0.280 |
| 27 | 06 | 76 | 1230 | | .3 | | 47 | 6.0 | 2.1 | 8.0 | | 4.3 | 12 | 6.30 | | 1.20 |
| 07 | 08 | 76 | 1315 | | .3 | | 31 | 1.50 | 0.8 | 7.0 | | 24.0 | 8 | 6.85 | | 0.240 |
| 05 | 09 | 76 | 1545 | | .3 | | 34 | 0.82 | 1.1 | 7.0 | | 1.0 | 6 | 7.00 | | 0.240 |
| 10 | 10 | 76 | 1205 | | .3 | | 39 | 1.50 | 1.1 | 8.0 | | 1.8 | 14 | 6.79 | | 0.200 |
| 07 | 11 | 76 | 1250 | | .3 | | 39 | 5.60 | 1.3 | 8.0 | | 2.2 | 13 | 6.85 | | 1.140 |
| 12 | 12 | 76 | 1340 | | .3 | | 33 | 1.10 | 0.8 | 9.0 | | 3.0 | 6 | 6.65 | | 0.260 |
| MAXIMUM | | | | | | | 47 | 6.0 | 10.0 | 9.0 | 1.80 | 24.0 | 14 | 7.04 | 0.35 | 1.20 |
| AVG OR GEOM MN (*) | | | | | | | 37 | 1.88 | 2.0 | 7.6 | 1.68 | 5.0 | 8 | 6.60 | 0.33 | 0.485 |
| MINIMUM | | | | | | | 31 | 0.80 | 0.7 | 7.0 | 1.55 | 1.0 | 5 | 6.00 | 0.30 | 0.200 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 9 | 2 | 11 | 12 | 12 | 3 | 8 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 18 | 01 | 76 | 1255 | | .3 | | 1.0L | | 3.30 | | | | | | | |
| 07 | 02 | 76 | 1155 | | .3 | | 1.0 | 12.0 | 3.50 | 0.80 | 40 | 0.55 | 1.50 | | 20 | |
| 06 | 03 | 76 | 1240 | | .3 | | | 11.0 | | | 50 | | | | | |
| 04 | 04 | 76 | 1140 | | .3 | | | 9.0 | | | 30 | | | | | |
| 28 | 04 | 76 | 1725 | | .3 | | 1.0L | 10.0 | | | 20 | | | | | |
| 28 | 05 | 76 | 1250 | | .3 | | 1.0 | 23.0 | | | 30 | | | | | |
| 27 | 06 | 76 | 1230 | | .3 | | 1. L | 17. | | | 50 | | | | | |
| 07 | 08 | 76 | 1315 | | .3 | | 1.0L | 11.0 | 3.00 | 0.80 | 15 | | | | | |
| 05 | 09 | 76 | 1545 | | .3 | | 1.0 | | | | 20 | | | | | |
| 10 | 10 | 76 | 1205 | | .3 | | 1.0L | 9.0 | 2.60 | 0.60 | 15 | | | | | |
| 07 | 11 | 76 | 1250 | | .3 | | 1.0 | 12.0 | 3.00 | 0.85 | 30 | | | | | |
| 12 | 12 | 76 | 1340 | | .3 | | 2.0 | 11.0 | | | 30 | | | | | |
| MAXIMUM | | | | | | | 2.0 | 23.0 | 3.50 | 0.85 | 50 | 0.55 | 1.50 | | 20 | |
| AVG OR GEOM MN (*) | | | | | | | 1.1D | 12.5 | 3.08 | 0.76 | 30 | 0.55 | 1.50 | | 20 | |
| MINIMUM | | | | | | | 1.0 | 9.0 | 2.60 | 0.60 | 15 | 0.55 | 1.50 | | 20 | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 5 | 4 | 11 | 1 | 1 | | 1 | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 18 | 01 | 76 | 1255 | | .3 | | | | 0.130 | | 0.010L | | | | 0.086 | |
| 07 | 02 | 76 | 1155 | | .3 | | | | | | 0.010 | | | 0.060 | 0.050 | 0.020L |
| 28 | 05 | 76 | 1250 | | .3 | | 0.001L | | | 0.010L | 0.010 | 0.010L | | 0.020 | | 0.010L |
| 27 | 06 | 76 | 1230 | | .3 | | 0.001L | | | 0.010L | 0.010 | 0.010L | | 0.050 | | 0.010L |
| 05 | 09 | 76 | 1545 | | .3 | | 0.001L | | | | | | | | | |
| 10 | 10 | 76 | 1205 | | .3 | | 0.001L | | | 0.010 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 07 | 11 | 76 | 1250 | | .3 | | 0.001 | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 12 | 12 | 76 | 1340 | | .3 | | 0.001L | | | 0.020 | 0.060 | 0.010L | | 0.040 | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | | 0.130 | 0.020 | 0.060 | 0.010 | | 0.060 | 0.086 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | | 0.130 | 0.012D | 0.028D | 0.010D | | 0.033D | 0.068 | 0.012D |
| MINIMUM | | | | | | | 0.001 | | 0.130 | 0.010 | 0.010 | 0.010 | | 0.010 | 0.050 | 0.010 |
| NO OF SAMPLES | | | | | | | 6 | | 1 | 5 | 6 | 5 | | 6 | 2 | 6 |

STATION ID: 03-0124-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAGNETAWAN RIVER

STORET CODE: 02
002
4910

B.O.W. / SITE: MAGNETAWAN RIVER
SAMPLE POINT: AT YOUNG STREET BRIDGE BURKS FALLS
STATION TYPE: RIVER

STATION ID: 03-0124-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAGNETAWAN RIVER

STORET CODE: 02
002
4910

| STN NO | 2 | LAT | LONG | U.T.M. 17 0625000.0 5053200.0 4 | REGION 05 | MILEAGE | 79.00 | | | | | | | |
|-------------------------------|-------------|------------|--------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 28 03 76 1230 | | | .3 | | 15312 | 3 | | 60. | 4. | 16. | | 3.0 | | 0.4 |
| | | | MAXIMUM | | | | | 60. | 4. | 16. | | 3.0 | | 0.4 |
| | | | AVG OR GEOM MN (*) | | | | | 60.* | 4.* | 16.* | | 3.0 | | 0.4 |
| | | | MINIMUM | | | | | 60. | 4. | 16. | | 3.0 | | 0.4 |
| | | | NO OF SAMPLES | | | | | 1 | 1 | 1 | | 1 | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 28 03 76 1230 | | | .3 | | 0.027 | 0.001 | 0.046 | 0.350 | 0.004 | 0.341 | | | | |
| | | | MAXIMUM | | 0.027 | 0.001 | 0.046 | 0.350 | 0.004 | 0.341 | | | | |
| | | | AVG OR GEOM MN (*) | | 0.027 | 0.001 | 0.046 | 0.350 | 0.004 | 0.341 | | | | |
| | | | MINIMUM | | 0.027 | 0.001 | 0.046 | 0.350 | 0.004 | 0.341 | | | | |
| | | | NO OF SAMPLES | | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 28 03 76 1230 | | | .3 | | 42 | 4.70 | 2.1 | | | | | | | |
| | | | MAXIMUM | | 42 | 4.70 | 2.1 | | | | | | | |
| | | | AVG OR GEOM MN (*) | | 42 | 4.70 | 2.1 | | | | | | | |
| | | | MINIMUM | | 42 | 4.70 | 2.1 | | | | | | | |
| | | | NO OF SAMPLES | | 1 | 1 | 1 | | | | | | | |

B.O.W./ SITE: MAGNETAWAN RIVER
 SAMPLE POINT: AT HIGHWAY 69
 STATION TYPE: RIVER FLOW GAUGE FED 02EA011

STATION ID: 03-0124-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: MAGNETAWAN RIVER

STORET CODE: 02
 002
 4910

| STN NO | 3 | LAT | LONG | U.T.M. 17 0539100.0 5068900.0 4 | REGION 05 | MILEAGE | 6.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|---------|--------|-----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 18 01 76 1325 | .3 | | | | 16413 | 6 8 | 1100. | | | | | 0.0 | 11.0 | 0.4 |
| 07 02 76 1220 | .3 | | | | 16449 | 6 8 | 965. | 40. | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 06 03 76 1325 | .3 | | | | 16490 | 6 8 | 1660. | 80. | 1. | 20. | | 0.0 | 12.0 | 0.8 |
| 04 04 76 1220 | .3 | | | | 16537 | 3 6 8 | 11600. | 48. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 28 04 76 1630 | .3 | | | | 16571 | 8 6 | 2980. | | | | | 2.0 | 11.0 | 0.4 |
| 28 05 76 1215 | .3 | | | | 16610 | 6 8 | 2010. | 190. | 1. | 1. | | 5.0 | 11.0 | 0.2 |
| 27 06 76 1200 | .3 | | | | 16654 | 6 8 | 541. | 20. | | 1. | | 10.0 | 12.0 | 0.6 |
| 07 08 76 1230 | .3 | | | | 16671 | 6 8 | 268. | 40. | | 1. | | 17.0 | 12.0 | 0.6 |
| 05 09 76 1620 | .3 | | | | 16706 | 6 8 | 177. | 130. | 20. | 2. | | 15.0 | 12.0 | 0.8 |
| 10 10 76 1235 | .3 | | | | 16745 | 6 8 | 310. | 10. | 6. | 2. | | 3.0 | 11.0 | 1.2 |
| 07 11 76 1210 | .3 | | | | 16790 | 6 8 | 314. | 10. | 1. | 1. | | 1.0 | 11.0 | 0.4 |
| 12 12 76 1315 | .3 | | | | 16845 | 6 8 | 1160. | 32. | 2. L | 2. L | | 0.0 | 12.0 | 0.6 |
| MAXIMUM | | | | | | | 11600. | 190. | 20. | 20. | | 17.0 | 12.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | 1924. | 40.* | 2.* D | 2.* D | | 4.4 | 11.5 | 0.6 |
| MINIMUM | | | | | | | 177. | 10. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | 12 | 10 | 8 | 10 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 01 76 1325 | .3 | | | | 0.012 | 0.004 | 0.020 | 0.380 | 0.003 | 0.150 | 34.0 | 1.0 | | 33 |
| 07 02 76 1220 | .3 | | | | 0.021 | 0.001L | 0.050 | 0.470 | 0.003 | 0.157 | | 1.0 | | |
| 06 03 76 1325 | .3 | | | | 0.010 | 0.001 | 0.074 | 0.440 | 0.004 | 0.171 | 30.0 | 1.2 | | 29 |
| 04 04 76 1220 | .3 | | | | 0.015 | 0.001 | 0.044 | 0.480 | 0.004 | 0.216 | | 4.4 | | 29 |
| 28 04 76 1630 | .3 | | | | 0.012 | 0.001 | 0.018 | 0.280 | 0.003 | 0.207 | | 2.3 | | 29 |
| 28 05 76 1215 | .3 | | | | 0.006 | 0.003 | 0.016 | 0.270 | 0.002 | 0.143 | 30.0 | 1.2 | | 29 |
| 27 06 76 1200 | .3 | | | | 0.008 | 0.001 | 0.014 | 0.340 | 0.002 | 0.133 | 29.0 | 2.9 | | 26 |
| 07 08 76 1230 | .3 | | | | 0.008 | 0.001 | 0.016 | 0.400 | 0.001 | 0.024 | 30.0 | 0.9 | | 29 |
| 05 09 76 1620 | .3 | | | | 0.013 | 0.001 | 0.032 | 0.420 | 0.002 | 0.008 | 31.0 | 2.0 | | 29 |
| 10 10 76 1235 | .3 | | | | 0.010 | 0.002 | 0.008 | 0.400 | 0.002 | 0.033 | 34.0 | 1.3 | | 33 |
| 07 11 76 1210 | .3 | | | | 0.009 | 0.003 | 0.020 | 0.410 | 0.002 | 0.058 | 30.0 | 1.0 | | 29 |
| 12 12 76 1315 | .3 | | | | 0.007 | 0.001 | 0.016 | 0.230 | 0.001 | 0.029 | 31.0 | 2.1 | | 29 |
| MAXIMUM | | | | | 0.021 | 0.004 | 0.074 | 0.480 | 0.004 | 0.216 | 34.0 | 4.4 | | 33 |
| AVG OR GEOM MN (*) | | | | | 0.011 | 0.0020 | 0.027 | 0.377 | 0.002 | 0.111 | 31.0 | 1.8 | | 29 |
| MINIMUM | | | | | 0.006 | 0.001 | 0.008 | 0.230 | 0.001 | 0.008 | 29.0 | 0.9 | | 26 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 11 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 18 01 76 1325 | .3 | | | | 48 | 1.00 | 1.0 | | 2.20 | | 10 | 6.40 | | |
| 07 02 76 1220 | .3 | | | | 52 | 1.20 | 2.5 | 9.0 | 2.15 | | 10 | 6.90 | 0.24 | |
| 06 03 76 1325 | .3 | | | | 46 | 1.10 | 3.8 | | | 2.0 | 8 | 6.70 | 0.25 | |
| 04 04 76 1220 | .3 | | | | 45 | 1.90 | 2.0 | | | 3.2 | 7 | 6.70 | 0.35 | |
| 28 04 76 1630 | .3 | | | | 43 | 1.00 | 1.5 | 8.0 | 1.95 | | | 6.91 | | 0.18 |
| 28 05 76 1215 | .3 | | | | 42 | 0.65 | 1.6 | 8.0 | 1.55 | | | 7.23 | | 0.07 |
| 27 06 76 1200 | .3 | | | | 41 | 1.00 | 1.6 | 8.5 | 1.00 | | | 7.12 | | 0.130 |
| 07 08 76 1230 | .3 | | | | 44 | 1.10 | 1.6 | 11.0 | 1.25 | | | 8.73 | | 0.120 |
| 05 09 76 1620 | .3 | | | | 45 | 1.00 | 2.0 | 8.5 | 1.05 | | | 7.48 | | 0.060 |
| 10 10 76 1235 | .3 | | | | 50 | 1.40 | 1.7 | 8.5 | 3.50 | | | 7.16 | | 0.110 |
| 07 11 76 1210 | .3 | | | | 44 | 1.40 | 1.9 | 9.0 | 1.05 | | | 7.31 | | 0.180 |
| 12 12 76 1315 | .3 | | | | 44 | 1.00 | 1.6 | 9.0 | 1.30 | | | 7.09 | | 0.370 |
| MAXIMUM | | | | | 52 | 1.90 | 3.8 | 11.0 | 3.50 | 3.2 | 10 | 8.73 | 0.35 | 0.370 |
| AVG OR GEOM MN (*) | | | | | 45 | 1.15 | 1.9 | 8.8 | 1.70 | 2.7 | 9 | 7.14 | 0.28 | 0.153 |
| MINIMUM | | | | | 41 | 0.65 | 1.0 | 8.0 | 1.00 | 2.0 | 7 | 6.40 | 0.24 | 0.060 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 9 | 10 | 3 | 4 | 12 | 3 | 8 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESTIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 01 76 1325 | .3 | | | | 1.0L | | 4.80 | | | | | | | |
| 07 02 76 1220 | .3 | | | | 1.0 | 16.0 | 4.50 | 1.15 | 30 | 0.80 | 1.90 | | 20 | |
| 06 03 76 1325 | .3 | | | | | 14.0 | | | 30 | | | | | |
| 04 04 76 1220 | .3 | | | | | 13.0 | | | 30 | | | | | |
| 28 04 76 1630 | .3 | | | | 1.0L | | | | | | | | | |
| 28 05 76 1215 | .3 | | | | | | | | | | | 4 | 10 | |
| 27 06 76 1200 | .3 | | | | | | | | | | | 7 | 16 | |
| 07 08 76 1230 | .3 | | | | 1.0L | | | | | | | 5 | 20 | |
| 05 09 76 1620 | .3 | | | | 2.0 | | | | | | | 6 | 14 | |
| 10 10 76 1235 | .3 | | | | 3.0 | | | | | | | 8 | 10L | |
| 07 11 76 1210 | .3 | | | | 2.0 | | | | | | | 5 | 10 | |
| 12 12 76 1315 | .3 | | | | | | | | | | | 7 | 38 | |
| MAXIMUM | | | | | 3.0 | 16.0 | 4.80 | 1.15 | 30 | 0.80 | 1.90 | 8 | 38 | |
| AVG OR GEOM MN (*) | | | | | 1.6D | 14.3 | 4.65 | 1.15 | 30 | 0.80 | 1.90 | 6 | 17D | |
| MINIMUM | | | | | 1.0 | 13.0 | 4.50 | 1.15 | 30 | 0.80 | 1.90 | 4 | 10 | |
| NO OF SAMPLES | | | | | 7 | 3 | 2 | 1 | 3 | 1 | 1 | 8 | 9 | |

CONT'D

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 01 76 | 1325 | | | | .3 | | | | | | | | | | 0.026 | |
| 07 02 76 | 1220 | | | | .3 | | | | 0.100 | | 0.010L | | | 0.030 | 0.028 | 0.020L |
| 07 11 76 | 1210 | | | | .3 | | | 0.010 | | | | | | | | |
| 23 11 76 | 1200 | | | | .3 | 0.001L | 0.02 L | | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |
| MAXIMUM | | | | | | | 0.001 | 0.02 | 0.100 | 0.01 | 0.010 | 0.01 | 0.005 | 0.030 | 0.028 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.015D | 0.100 | 0.01 D | 0.010D | 0.01 D | 0.005D | 0.020D | 0.027 | 0.015D |
| MINIMUM | | | | | | | 0.001 | 0.010 | 0.100 | 0.01 | 0.010 | 0.01 | 0.005 | 0.01 | 0.026 | 0.01 |
| NO OF SAMPLES | | | | | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 |

B.O.W./ SITE: KEY RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

STATION ID: 03-0128-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: KEY RIVER

STORET CODE: 02
002
5190

STN NO 1 LAT LONG U.T.M. 17 0533700.0 5082050.0 4 REGION 05 MILEAGE 8.20

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 01 76 | 1400 | | | | .3 | | 16414 | 4 6 8 | | | | | | 0.0 | 11.0 | 4.6 |
| 07 02 76 | 1310 | | | | .3 | | 16450 | 4 6 8 | | 90. | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 06 03 76 | 1400 | | | | .3 | | 16491 | 4 6 8 | | 300. | 1. | 12. | | 0.0 | 12.0 | 0.6 |
| 04 04 76 | 1305 | | | | .3 | | 16538 | 3 6 8 | | 56. | 10. L | 10. L | | 0.0 | 11.0 | 0.8 |
| 28 04 76 | 1540 | | | | .3 | | 16570 | 8 6 | | | | | | 2.0 | 11.0 | 0.8 |
| 28 05 76 | 1140 | | | | .3 | | 16609 | 6 8 | | 10. | 1. | 1. | | 5.0 | 11.0 | 0.8 |
| 27 06 76 | 1130 | | | | .3 | | 16653 | 6 8 | | 630. | | 1. | | 11.0 | 10.0 | 0.6 |
| 07 08 76 | 1150 | | | | .3 | | 16670 | 9 6 8 | | 1200. | | 8. | | 17.0 | 11.0 | 0.8 |
| 05 09 76 | 1655 | | | | .3 | | 16707 | 6 8 | | 2350. | 16. | 1. | | 16.0 | 11.0 | 1.0 |
| 10 10 76 | 1310 | | | | .3 | | 16746 | 6 8 | | 220. | 12. | 26. | | 4.0 | 10.0 | 1.6 |
| 07 11 76 | 1135 | | | | .3 | | 16789 | 6 8 | | 30. | 2. | 1. | | 1.0 | 11.0 | 0.8 |
| 12 12 76 | 1235 | | | | .3 | | 16844 | 4 6 8 | | 40. | 2. | 2. L | | 0.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | | | | 2350. | 16. | 26. | | 17.0 | 12.0 | 4.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 153.* | 3.* D | 3.* D | | 4.7 | 11.0 | 1.2 |
| MINIMUM | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 10.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 01 76 | 1400 | | | | .3 | | 0.020 | 0.002 | 0.120 | 1.100 | 0.004 | 0.070 | 55.0 | 3.0 | | 52 |
| 07 02 76 | 1310 | | | | .3 | | 0.014 | 0.001 | 0.040 | 0.330 | 0.003 | 0.152 | | 1.0L | | |
| 06 03 76 | 1400 | | | | .3 | | 0.015 | 0.009 | 0.006 | 0.350 | 0.003 | 0.092 | 53.0 | 1.0 | | 52 |
| 04 04 76 | 1305 | | | | .3 | | 0.027 | 0.002 | 0.058 | 0.490 | 0.005 | 0.100 | | 6.8 | | 36 |
| 28 04 76 | 1540 | | | | .3 | | 0.069 | 0.003 | 0.010 | 0.450 | 0.004 | 0.016 | 52.0 | 13.0 | | |
| 28 05 76 | 1140 | | | | .3 | | 0.025 | 0.008 | 0.076 | 0.470 | 0.003 | 0.005L | 43.0 | 4.1 | | |
| 27 06 76 | 1130 | | | | .3 | | 0.015 | 0.002 | 0.012 | 0.53 | 0.002 | 0.003 | 51. | 1.7 | | |
| 07 08 76 | 1150 | | | | .3 | | 0.020 | 0.002 | 0.048 | 0.520 | 0.002 | 0.005L | 57.0 | 2.0 | | |
| 05 09 76 | 1655 | | | | .3 | | 0.022 | 0.003 | 0.028 | 0.380 | 0.002 | 0.005L | 66.0 | 3.6 | | |
| 10 10 76 | 1310 | | | | .3 | | 0.030 | 0.005 | 0.030 | 0.500 | 0.003 | 0.027 | 61.0 | 6.2 | | |
| 07 11 76 | 1135 | | | | .3 | | 0.022 | 0.007 | 0.052 | 0.550 | 0.003 | 0.017 | 52.0 | 2.6 | | |
| 12 12 76 | 1235 | | | | .3 | | 0.021 | 0.008 | 0.084 | 0.550 | 0.004 | 0.006 | 45.0 | 2.6 | | |
| MAXIMUM | | | | | | | 0.069 | 0.009 | 0.120 | 1.100 | 0.005 | 0.152 | 66.0 | 13.0 | | 52 |
| AVG OR GEOM MN (*) | | | | | | | 0.025 | 0.004 | 0.047 | 0.518 | 0.003 | 0.042D | 53.5 | 4.00 | | 47 |
| MINIMUM | | | | | | | 0.014 | 0.001 | 0.006 | 0.330 | 0.002 | 0.003 | 43.0 | 1.0 | | 36 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 12 | | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 01 76 | 1400 | | | | .3 | | 78 | 2.70 | 3.0 | | 2.95 | | 17 | 6.40 | | |
| 07 02 76 | 1310 | | | | .3 | | 46 | 1.20 | 1.0 | | | 2.5 | 8 | 6.70 | 0.22 | |
| 06 03 76 | 1400 | | | | .3 | | 78 | 1.60 | 3.6 | 9.0 | 2.05 | 2.2 | 19 | 6.90 | 0.20 | |
| 04 04 76 | 1305 | | | | .3 | | 54 | 4.30 | 3.0 | | | 5.8 | 11 | 6.50 | 0.55 | |
| 28 04 76 | 1540 | | | | .3 | | 60 | 2.70 | 2.8 | 10.0 | | 4.2 | 10 | 7.01 | | 0.490 |
| 28 05 76 | 1140 | | | | .3 | | 60 | 2.10 | 2.9 | 10.5 | | 3.4 | 15 | 7.23 | | 0.460 |
| 27 06 76 | 1130 | | | | .3 | | 74 | 1.5 | 3.7 | 9.0 | | 3.9 | 21 | 7.16 | | 0.44 |
| 07 08 76 | 1150 | | | | .3 | | 84 | 1.10 | 4.2 | 10.0 | | 18.0 | 26 | 7.70 | | 0.320 |
| 05 09 76 | 1655 | | | | .3 | | 95 | 2.00 | 5.4 | 8.5 | | 1.0 | 27 | 7.78 | | 0.280 |
| 10 10 76 | 1310 | | | | .3 | | 86 | 5.00 | 2.4 | 12.5 | | 4.5 | 21 | 7.05 | | 0.960 |
| 07 11 76 | 1135 | | | | .3 | | 77 | 3.00 | 3.2 | 12.0 | | 2.0 | 26 | 7.38 | | 0.640 |
| 12 12 76 | 1235 | | | | .3 | | 64 | 2.80 | 2.6 | 11.5 | | 6.0 | 15 | 6.75 | | 0.960 |
| MAXIMUM | | | | | | | 95 | 5.00 | 5.4 | 12.5 | 2.95 | 18.0 | 27 | 7.78 | 0.55 | 0.960 |
| AVG OR GEOM MN (*) | | | | | | | 71 | 2.50 | 3.2 | 10.3 | 2.50 | 4.9 | 18 | 7.05 | 0.32 | 0.569 |
| MINIMUM | | | | | | | 46 | 1.10 | 1.0 | 8.5 | 2.05 | 1.0 | 8 | 6.40 | 0.20 | 0.280 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 9 | 2 | 11 | 12 | 12 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|----------------------------------|
| 18 | 01 | 76 | 1400 | | .3 | | 3.0 | | 7.50 | | | | | | | |
| 07 | 02 | 76 | 1310 | | .3 | | 1.0 | 15.0 | 4.20 | 1.15 | 30 | 0.75 | 1.90 | | 20 | |
| 06 | 03 | 76 | 1400 | | .3 | | | 29.0 | | | 20 | | | | | |
| 04 | 04 | 76 | 1305 | | .3 | | | 16.0 | | | 40 | | | | | |
| 28 | 04 | 76 | 1540 | | .3 | | 1.0L | 20.0 | | | 40 | | | | | |
| 28 | 05 | 76 | 1140 | | .3 | | 2.0 | 24.0 | | | 50 | | | | | |
| 27 | 06 | 76 | 1130 | | .3 | | 1. L | 27. | | | 50 | | | | | |
| 07 | 08 | 76 | 1150 | | .3 | | 1.0L | 34.0 | 9.00 | 2.90 | 30 | | | | | |
| 05 | 09 | 76 | 1655 | | .3 | | 1.5 | 28.0 | 10.20 | 0.70 | 30 | | | | | |
| 10 | 10 | 76 | 1310 | | .3 | | 1.0L | 28.0 | 7.40 | 2.40 | 70G | | | | | |
| 07 | 11 | 76 | 1135 | | .3 | | 3.0 | 32.0 | 7.80 | 2.60 | 70 | | | | | |
| 12 | 12 | 76 | 1235 | | .3 | | 1.0 | 24.0 | | | 70G | | | | | |

| | | | | | | | | |
|--------------------|------|------|-------|------|-----|------|------|----|
| MAXIMUM | 3.0 | 34.0 | 10.20 | 2.90 | 70 | 0.75 | 1.90 | 20 |
| AVG OR GEOM MN (*) | 1.6D | 25.2 | 7.68 | 1.95 | 45U | 0.75 | 1.90 | 20 |
| MINIMUM | 1.0 | 15.0 | 4.20 | 0.70 | 20 | 0.75 | 1.90 | 20 |
| NO OF SAMPLES | 10 | 11 | 6 | 5 | 11 | 1 | 1 | 1 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1400 | | .3 | | | | | | | | | | | |
| 07 | 02 | 76 | 1310 | | .3 | | | | 0.110 | | 0.010L | | | 0.030 | 0.136 | 0.020L |
| 28 | 05 | 76 | 1140 | | .3 | | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.030 | 0.028 | 0.010L |
| 27 | 06 | 76 | 1130 | | .3 | | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.040 | | 0.010L |
| 05 | 09 | 76 | 1655 | | .3 | | 0.001L | | | | | | | | | 0.010L |
| 10 | 10 | 76 | 1310 | | .3 | | 0.001L | | | 0.020 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 07 | 11 | 76 | 1135 | | .3 | | 0.001L | | | 0.010L | 0.070 | 0.010L | | 0.010L | | 0.010L |
| 12 | 12 | 76 | 1235 | | .3 | | 0.001L | | | 0.020L | 0.030 | 0.010L | | 0.040 | | 0.010L |

| | | | | | | | | | | |
|--------------------|--------|--|-------|--------|--------|--------|--|--------|-------|--------|
| MAXIMUM | 0.001 | | 0.110 | 0.020 | 0.070 | 0.010 | | 0.040 | 0.136 | 0.020 |
| AVG OR GEOM MN (*) | 0.001D | | 0.110 | 0.0140 | 0.032D | 0.010D | | 0.027D | 0.082 | 0.012D |
| MINIMUM | 0.001 | | 0.110 | 0.010 | 0.010 | 0.010 | | 0.010 | 0.028 | 0.010 |
| NO OF SAMPLES | 6 | | 1 | 5 | 6 | 5 | | 6 | 2 | 6 |

B.O.W./ SITE: PICKEREL RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

STATION ID: 03-0130-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PICKEREL RIVER

STORET CODE: 02
002
5330

STN NO 1 LAT LONG U.T.M. 17 0533500.0 5093550.0 4 REGION 05 MILEAGE 17.20

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1435 | | .3 | | 16415 | 4 6 8 | | | | | | 0.0 | 11.0 | 1.4 |
| 07 | 02 | 76 | 1340 | | .3 | | 16451 | 4 6 8 | | 4. | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 06 | 03 | 76 | 1440 | | .3 | | 16492 | 4 6 8 | | 4. | 1. | 8. | | 0.0 | 12.0 | 0.6 |
| 04 | 04 | 76 | 1345 | | .3 | | 16539 | 3 6 8 | | 40. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 28 | 04 | 76 | 1500 | | .3 | | 16569 | 8 6 | | | | | | 3.0 | 12.0 | 0.4 |
| 28 | 05 | 76 | 1110 | | .3 | | 16608 | 6 8 | | 4. | 1. | 1. | | 5.0 | 12.0 | 0.6 |
| 27 | 06 | 76 | 1045 | | .3 | | 16652 | 6 8 | | 10. | | 4. | | 10.0 | 11.0 | 0.8 |
| 07 | 08 | 76 | 1120 | | .3 | | 16669 | 6 8 | | 90. | | 1. | | 18.0 | 11.0 | 0.4 |
| 05 | 09 | 76 | 1730 | | .3 | | 16708 | 6 8 | | 3500. | 1. | 1. | | 16.0 | 12.0 | 0.6 |
| 10 | 10 | 76 | 1340 | | .3 | | 16747 | 6 8 | | 10. L | 1. | 1. | | 4.0 | 11.0 | 1.2 |
| 07 | 11 | 76 | 1050 | | .3 | | 16788 | 6 8 | | 4. | 1. | 1. | | 1.0 | 11.0 | 0.3 |
| 12 | 12 | 76 | 1200 | | .3 | | 16843 | 4 6 8 | | 20. | 2. L | 4. L | | 0.0 | 11.0 | 0.6 |

| | | | | | | | | | | |
|--------------------|--|--|--|--------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | 3500. | 2. | 8. | | 18.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | 19.* D | 1.* D | 2.* D | | 4.8 | 11.4 | 0.7 |
| MINIMUM | | | | 4. | 1. | 1. | | 0.0 | 11.0 | 0.3 |
| NO OF SAMPLES | | | | 10 | 8 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1435 | | .3 | | 0.030 | 0.002 | 0.110 | 1.500 | 0.005 | 0.050 | 55.0 | 3.0 | | 52 |
| 07 | 02 | 76 | 1340 | | .3 | | 0.035 | 0.015 | 0.025 | 0.340 | 0.002 | 0.043 | | 1.0 | | |
| 06 | 03 | 76 | 1440 | | .3 | | 0.015 | 0.005 | 0.006 | 0.400 | 0.003 | 0.102 | 53.0 | 1.9 | | 52 |
| 04 | 04 | 76 | 1345 | | .3 | | 0.021 | 0.004 | 0.066 | 0.360 | 0.005 | 0.195 | | 5.8 | | 36 |
| 28 | 04 | 76 | 1500 | | .3 | | 0.012 | 0.001 | 0.008 | 0.280 | 0.003 | 0.107 | | 2.3 | | 42 |
| 28 | 05 | 76 | 1110 | | .3 | | 0.014 | 0.002 | 0.174 | 0.400 | 0.002 | 0.108 | 44.0 | 1.6 | | 42 |
| 27 | 06 | 76 | 1045 | | .3 | | 0.010 | 0.001 | 0.020 | 0.420 | 0.002 | 0.003 | 44.0 | 2.4 | | 42 |
| 07 | 08 | 76 | 1120 | | .3 | | 0.010 | 0.001 | 0.010 | 0.320 | 0.001 | 0.005L | 44.0 | 1.7 | | 42 |
| 05 | 09 | 76 | 1730 | | .3 | | 0.018 | 0.003 | 0.042 | 0.350 | 0.001 | 0.005L | 48.0 | 1.7 | | 46 |
| 10 | 10 | 76 | 1340 | | .3 | | 0.007 | 0.001 | 0.010 | 0.280 | 0.001 | 0.005L | 50.0 | 1.3 | | 49 |
| 07 | 11 | 76 | 1050 | | .3 | | 0.006 | 0.002 | 0.008 | 0.280 | 0.001 | 0.034 | 43.0 | 1.2 | | 42 |
| 12 | 12 | 76 | 1200 | | .3 | | 0.007 | 0.001 | 0.018 | 0.210 | 0.001 | 0.005L | 47.0 | 1.4 | | 46 |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|------|-----|----|
| MAXIMUM | 0.035 | 0.015 | 0.174 | 1.500 | 0.005 | 0.195 | 55.0 | 5.8 | 52 |
| AVG OR GEOM MN (*) | 0.015 | 0.003 | 0.041 | 0.428 | 0.002 | 0.055D | 47.6 | 2.1 | 45 |
| MINIMUM | 0.006 | 0.001 | 0.006 | 0.210 | 0.001 | 0.003 | 43.0 | 1.0 | 36 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | 11 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1435 | | | .3 | | 79 | 2.80 | 3.0 | | 3.00 | | 17 | 6.40 | | |
| 07 | 02 | 76 | 1340 | | | .3 | | 84 | 1.90 | 2.0 | 14.0 | 0.06 | 2.0 | 21 | 7.10 | 0.13 | |
| 06 | 03 | 76 | 1440 | | | .3 | | 78 | 1.60 | 1.9 | | | 1.8 | 21 | 7.00 | 0.20 | |
| 04 | 04 | 76 | 1345 | | | .3 | | 56 | 4.10 | 1.3 | | | 4.2 | 12 | 6.80 | 0.40 | |
| 28 | 04 | 76 | 1500 | | | .3 | | 65 | 1.40 | 2.2 | 11.0 | 1.50 | | | 7.06 | | 0.16 |
| 28 | 05 | 76 | 1110 | | | .3 | | 65 | 1.20 | 3.1 | 11.5 | 1.15 | | | 7.12 | | 0.09 |
| 27 | 06 | 76 | 1045 | | | .3 | | 66 | 1.10 | 1.8 | 12.0 | 0.40 | | | 7.58 | | 0.090 |
| 07 | 08 | 76 | 1120 | | | .3 | | 66 | 0.95 | 1.8 | 11.5 | 0.60 | | | 8.73 | | 0.080 |
| 05 | 09 | 76 | 1730 | | | .3 | | 70 | 1.00 | 2.3 | 10.5 | 0.85 | | | 7.53 | | 0.070 |
| 10 | 10 | 76 | 1340 | | | .3 | | 75 | 1.20 | 1.6 | 11.0 | 0.95 | | | 7.14 | | 0.100 |
| 07 | 11 | 76 | 1050 | | | .3 | | 66 | 1.20 | 1.8 | 12.0 | 1.15 | | | 7.43 | | 0.110 |
| 12 | 12 | 76 | 1200 | | | .3 | | 68 | 1.30 | 1.8 | 11.5 | 0.45 | | | 7.32 | | 0.130 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|------|------|-----|----|------|------|-------|
| MAXIMUM | | | | | | | | 84 | 4.10 | 3.1 | 14.0 | 3.00 | 4.2 | 21 | 8.73 | 0.40 | 0.16 |
| AVG OR GEOM MN (*) | | | | | | | | 70 | 1.65 | 2.1 | 11.7 | 1.01 | 2.7 | 18 | 7.27 | 0.24 | 0.104 |
| MINIMUM | | | | | | | | 56 | 0.95 | 1.3 | 10.5 | 0.06 | 1.8 | 12 | 6.40 | 0.13 | 0.070 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 9 | 10 | 3 | 4 | 12 | 3 | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 | 01 | 76 | 1435 | | | .3 | | 1.0L | | 7.20 | | | | | | | |
| 07 | 02 | 76 | 1340 | | | .3 | | 1.0L | 33.0 | 8.40 | 2.95 | 10 | 0.90 | 2.70 | | 18 | |
| 06 | 03 | 76 | 1440 | | | .3 | | | 29.0 | | | 15 | | | | | |
| 04 | 04 | 76 | 1345 | | | .3 | | | 20.0 | | | 30 | | | | | |
| 28 | 04 | 76 | 1500 | | | .3 | | 1.0 | | | | | | | 5 | 14 | |
| 28 | 05 | 76 | 1110 | | | .3 | | | | | | | | | 7 | 18 | |
| 27 | 06 | 76 | 1045 | | | .3 | | | | | | | | | 9 | 20 | |
| 07 | 08 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | 6 | 16 | |
| 05 | 09 | 76 | 1730 | | | .3 | | 1.0 | | | | | | | 5 | 10L | |
| 10 | 10 | 76 | 1340 | | | .3 | | 7.0 | | | | | | | 5 | 10L | |
| 07 | 11 | 76 | 1050 | | | .3 | | 2.0 | | | | | | | 10 | 29 | |
| 12 | 12 | 76 | 1200 | | | .3 | | | | | | | | | 8 | 18 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|------|------|----|------|------|----|-----|--|
| MAXIMUM | | | | | | | | 7.0 | 33.0 | 8.40 | 2.95 | 30 | 0.90 | 2.70 | 10 | 29 | |
| AVG OR GEOM MN (*) | | | | | | | | 2.0D | 27.3 | 7.80 | 2.95 | 18 | 0.90 | 2.70 | 7 | 17D | |
| MINIMUM | | | | | | | | 1.0 | 20.0 | 7.20 | 2.95 | 10 | 0.90 | 2.70 | 5 | 10 | |
| NO OF SAMPLES | | | | | | | | 7 | 3 | 2 | 1 | 3 | 1 | 1 | 8 | 9 | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1435 | | | .3 | | | | 0.100 | | 0.010L | | | | 0.136 | |
| 07 | 02 | 76 | 1340 | | | .3 | | | | | | | | | 0.040 | 0.015 | 0.020L |
| 07 | 11 | 76 | 1050 | | | .3 | | | 0.110 | | | | | | | | |
| 17 | 11 | 76 | 1200 | | | .3 | 0.001L | 0.02 L | | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--------|-------|--------|--------|--------|--------|--------|-------|--------|
| MAXIMUM | | | | | | | | 0.001 | 0.110 | 0.100 | 0.01 | 0.010 | 0.01 | 0.005 | 0.040 | 0.136 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.065D | 0.100 | 0.01 D | 0.010D | 0.01 D | 0.005D | 0.025D | 0.076 | 0.015D |
| MINIMUM | | | | | | | | 0.001 | 0.02 | 0.100 | 0.01 | 0.010 | 0.01 | 0.005 | 0.01 | 0.015 | 0.01 |
| NO OF SAMPLES | | | | | | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 |

B.O.W./ SITE: FRENCH RIVER
SAMPLE POINT: AT HIGHWAY 69
STATION TYPE: RIVER

STATION ID: 03-0133-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 1 LAT LONG U.T.M. 17 0532250.0 5096000.0 4 REGION 05 MILEAGE 18.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1445 | | | .3 | | 16416 | 4 6 8 | | | | | | | | 1.0 |
| 07 | 02 | 76 | 1425 | | | .3 | | 16452 | 6 8 | | 1. | 1. | 1. | | 0.0 | 13.0 | 0.6 |
| 06 | 03 | 76 | 1510 | | | .3 | | 16493 | 6 8 | | 8. | 1. | 4. | | 0.0 | 13.0 | 1.2 |
| 04 | 04 | 76 | 1415 | | | .3 | | 16540 | 3 6 8 | | 4. | 10. L | 10. L | | 0.0 | 12.0 | 0.6 |
| 28 | 04 | 76 | 1430 | | | .3 | | 16568 | 8 6 | | | | | | 2.0 | 13.0 | 0.6 |
| 28 | 05 | 76 | 1045 | | | .3 | | 16607 | 6 8 | | 10. | 1. | 1. | | 5.0 | 13.0 | 0.2 |
| 27 | 06 | 76 | 1020 | | | .3 | | 16651 | 6 8 | | 1. | | 1. | | 10.0 | 13.0 | 0.6 |
| 07 | 08 | 76 | 1100 | | | .3 | | 16668 | 6 8 | | 10. | | 1. | | 17.0 | 12.0 | 0.4 |
| 05 | 09 | 76 | 1810 | | | .3 | | 16709 | 6 8 | | 220. | 1. | 2. | | 16.0 | 13.0 | 0.6 |
| 10 | 10 | 76 | 1425 | | | .3 | | 16748 | 6 8 | | 10. L | 1. | 1. | | 3.0 | 12.0 | 1.4 |
| 07 | 11 | 76 | 1020 | | | .3 | | 16787 | 6 8 | | 8. | 1. | 1. | | 1.0 | 13.0 | 0.4 |
| 12 | 12 | 76 | 1130 | | | .3 | | 16842 | 6 8 | | 4. | 2. L | 4. L | | 0.0 | 13.0 | 0.4 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 220. | 10. | 10. | | 17.0 | 13.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 7.* D | 1.* D | 2.* D | | 4.9 | 12.7 | 0.7 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 12.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 8 | 10 | | 11 | 11 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|---------------------------------|---|-----------------------------------|----------------------------------|--|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| 18 | 01 | 76 | 1445 | | .3 | | 0.013 | 0.002 | 0.010 | 0.290 | 0.002 | 0.030 | 56.0 | 1.0 | | 55 |
| 07 | 02 | 76 | 1425 | | .3 | | 0.021 | 0.004 | 0.020 | 0.370 | 0.003 | 0.042 | | 1.0 | | |
| 06 | 03 | 76 | 1510 | | .3 | | 0.013 | 0.004 | 0.010 | 0.260 | 0.005 | 0.085 | 63.0 | 1.3 | | 62 |
| 04 | 04 | 76 | 1415 | | .3 | | 0.033 | 0.003 | 0.026 | 0.430 | 0.004 | 0.141 | | 3.3 | | 52 |
| 28 | 04 | 76 | 1430 | | .3 | | 0.018 | 0.003 | 0.016 | 0.350 | 0.003 | 0.072 | | 3.5 | | 65 |
| 28 | 05 | 76 | 1045 | | .3 | | 0.011 | 0.003 | 0.022 | 0.300 | 0.002 | 0.048 | 57.0 | 1.7 | | 55 |
| 27 | 06 | 76 | 1020 | | .3 | | 0.012 | 0.001 | 0.022 | 0.320 | 0.002 | 0.008 | 51.0 | 1.6 | | 49 |
| 07 | 08 | 76 | 1100 | | .3 | | 0.012 | 0.002 | 0.032 | 0.330 | 0.001 | 0.005L | 50.0 | 1.0 | | 49 |
| 05 | 09 | 76 | 1810 | | .3 | | 0.018 | 0.001L | 0.048 | 0.430 | 0.001 | 0.005L | 54.0 | 1.7 | | 52 |
| 10 | 10 | 76 | 1425 | | .3 | | 0.014 | 0.001 | 0.012 | 0.260 | 0.001 | 0.005L | 53.0 | 1.1 | | 52 |
| 07 | 11 | 76 | 1020 | | .3 | | 0.009 | 0.002 | 0.010 | 0.270 | 0.001 | 0.009 | 51.0 | 2.1 | | 49 |
| 12 | 12 | 76 | 1130 | | .3 | | 0.010 | 0.002 | 0.018 | 0.200 | 0.001 | 0.005L | 56.0 | 4.4 | | 52 |
| MAXIMUM | | | | | | | 0.033 | 0.004 | 0.048 | 0.430 | 0.005 | 0.141 | 63.0 | 4.4 | | 65 |
| AVG OR GEOM MN (*) | | | | | | | 0.015 | 0.002D | 0.021 | 0.318 | 0.002 | 0.038D | 54.6 | 2.0 | | 54 |
| MINIMUM | | | | | | | 0.009 | 0.001 | 0.010 | 0.200 | 0.001 | 0.005 | 50.0 | 1.0 | | 49 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 9 | 12 | | 11 |
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 | 01 | 76 | 1445 | | .3 | | 84 | 1.90 | 2.5 | | 0.50 | | 22 | 6.90 | | |
| 07 | 02 | 76 | 1425 | | .3 | | 86 | 1.90 | 2.0 | 14.0 | 0.65 | 2.0 | 22 | 7.10 | 0.14 | |
| 06 | 03 | 76 | 1510 | | .3 | | 96 | 1.80 | 3.8 | 15.0 | 0.90 | 1.6 | 26 | 7.20 | 0.10 | |
| 04 | 04 | 76 | 1415 | | .3 | | 82 | 2.40 | 2.7 | | | 3.8 | 21 | 6.90 | 0.20 | |
| 28 | 04 | 76 | 1430 | | .3 | | 100 | 2.60 | 5.6 | 12.5 | 1.50 | | | 7.35 | | 0.25 |
| 28 | 05 | 76 | 1045 | | .3 | | 85 | 0.95 | 6.1 | 12.5 | 1.20 | | | 7.55 | | 0.07 |
| 27 | 06 | 76 | 1020 | | .3 | | 74 | 1.30 | 2.8 | 13.0 | 0.60 | | | 7.34 | | 0.050 |
| 07 | 08 | 76 | 1100 | | .3 | | 74 | 1.00 | 2.2 | 12.5 | 0.50 | | | 8.73 | | 0.030 |
| 05 | 09 | 76 | 1810 | | .3 | | 80 | 1.00 | 2.9 | 12.0 | 1.05 | | | 7.43 | | 0.050 |
| 10 | 10 | 76 | 1425 | | .3 | | 82 | 1.20 | 1.9 | 12.5 | 0.65 | | | 7.42 | | 0.050 |
| 07 | 11 | 76 | 1020 | | .3 | | 76 | 1.80 | 2.4 | 13.0 | 0.45 | | | 7.64 | | 0.070 |
| 12 | 12 | 76 | 1130 | | .3 | | 80 | 0.85 | 2.1 | 13.0 | 0.15 | | | 7.49 | | 0.090 |
| MAXIMUM | | | | | | | 100 | 2.60 | 6.1 | 15.0 | 1.50 | 3.8 | 26 | 8.73 | 0.20 | 0.25 |
| AVG OR GEOM MN (*) | | | | | | | 83 | 1.56 | 3.1 | 13.0 | 0.74 | 2.5 | 23 | 7.42 | 0.15 | 0.083 |
| MINIMUM | | | | | | | 74 | 0.85 | 1.9 | 12.0 | 0.15 | 1.6 | 21 | 6.90 | 0.10 | 0.030 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 10 | 11 | 3 | 4 | 12 | 3 | 8 |
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 18 | 01 | 76 | 1445 | | .3 | | 1.0L | | 8.50 | | | | | | | |
| 07 | 02 | 76 | 1425 | | .3 | | 1.0L | 34.0 | 8.50 | 3.00 | 10 | 0.80 | 2.60 | | 38 | |
| 06 | 03 | 76 | 1510 | | .3 | | 1.0L | 34.0 | 9.20 | 2.55 | 15 | 0.85 | 4.20 | | 20 | |
| 04 | 04 | 76 | 1415 | | .3 | | | 32.0 | | | 15 | | | | | |
| 28 | 04 | 76 | 1430 | | .3 | | 1.0 | | | | | | | 5 | 20 | |
| 28 | 05 | 76 | 1045 | | .3 | | | | | | | | | 7 | 16 | |
| 27 | 06 | 76 | 1020 | | .3 | | | | | | | | | 10 | 20 | |
| 07 | 08 | 76 | 1100 | | .3 | | 1.0L | | | | | | | 6 | 16 | |
| 05 | 09 | 76 | 1810 | | .3 | | 3.0 | | | | | | | 7 | 10L | |
| 10 | 10 | 76 | 1425 | | .3 | | 1.0L | | | | | | | 5 | 10L | |
| 07 | 11 | 76 | 1020 | | .3 | | 3.0 | | | | | | | 6 | 34 | |
| 12 | 12 | 76 | 1130 | | .3 | | | | | | | | | 6 | 22 | |
| MAXIMUM | | | | | | | 3.0 | 34.0 | 9.20 | 3.00 | 15 | 0.85 | 4.20 | 10 | 38 | |
| AVG OR GEOM MN (*) | | | | | | | 1.5D | 33.3 | 8.73 | 2.78 | 13 | 0.83 | 3.40 | 7 | 21D | |
| MINIMUM | | | | | | | 1.0 | 32.0 | 8.50 | 2.55 | 10 | 0.80 | 2.60 | 5 | 10 | |
| NO OF SAMPLES | | | | | | | 8 | 3 | 3 | 2 | 3 | 2 | 2 | 8 | 10 | |
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 18 | 01 | 76 | 1445 | | .3 | | | | | | | | | | 0.014 | |
| 07 | 02 | 76 | 1425 | | .3 | | | | 0.130 | | 0.010 | | | 0.030 | 0.015 | 0.020L |
| 06 | 03 | 76 | 1510 | | .3 | | | | 0.120 | | 0.010L | | | 0.020L | 0.020 | 0.020L |
| 07 | 11 | 76 | 1020 | | .3 | | | 0.160 | | | | | | | | |
| 17 | 11 | 76 | 1200 | | .3 | | 0.001L | 0.02 L | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |
| MAXIMUM | | | | | | | 0.001 | 0.160 | 0.130 | 0.01 | 0.010 | 0.01 | 0.005 | 0.030 | 0.020 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.090D | 0.125 | 0.01 D | 0.010D | 0.01 D | 0.005D | 0.020D | 0.016 | 0.017D |
| MINIMUM | | | | | | | 0.001 | 0.02 | 0.120 | 0.01 | 0.010 | 0.01 | 0.005 | 0.01 | 0.014 | 0.01 |
| NO OF SAMPLES | | | | | | | 1 | 2 | 2 | 1 | 3 | 1 | 1 | 3 | 3 | 3 |

B.O.W./ SITE: FRENCH RIVER
 SAMPLE POINT: DRY PINE BAY
 STATION TYPE: RIVER FLOW GAUGE FED 02DD010

STATION ID: 03-0133-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
 002
 5430

| STN NO | 8 | LAT | LONG | U.T.M. 17 0532800.0 5099250.0 4 | REGION 05 | MILEAGE | 24.20 | | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|----|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 18 01 76 1535 | | | .3 | | 16417 | 4 6 8 | 9050. | | | | | 0.0 | 13.0 | 0.8 | |
| 07 02 76 1500 | | | .3 | | 16453 | 4 6 8 | 7330. | 1. | 1. | 1. | | 0.0 | 13.0 | 0.8 | |
| 06 03 76 1545 | | | .3 | | 16494 | 4 6 8 | 6600. | 50. | 1. | 4. | | 0.0 | 13.0 | 0.4 | |
| 04 04 76 1450 | | | .3 | | 16541 | 3 6 8 | 12200. | 4. | 1. | 1. | | 0.0 | 12.0 | | |
| MAXIMUM | | | | | | | 12200. | 50. | 1. | 4. | | 0.00 | 13.0 | 0.8 | |
| AVG OR GEOM MN (*) | | | | | | | 8795. | 6.* | 1.* | 2.* | | 0.0 | 12.8 | 0.7 | |
| MINIMUM | | | | | | | 6600. | 1. | 1. | 1. | | 0.0 | 12.0 | 0.4 | |
| NO OF SAMPLES | | | | | | | 4 | 3 | 3 | 3 | | 4 | 4 | 3 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 18 01 76 1535 | | | .3 | | 0.016 | 0.003 | 0.020 | 0.290 | 0.002 | 0.030 | 23.0 | 1.0 | | 22 | |
| 07 02 76 1500 | | | .3 | | 0.023 | 0.002 | 0.020 | 0.430 | 0.003 | 0.042 | | 2.0 | | | |
| 06 03 76 1545 | | | .3 | | 0.013 | 0.002 | 0.010 | 0.330 | 0.004 | 0.081 | 60.0 | 1.6 | | 59 | |
| 04 04 76 1450 | | | .3 | | | | | | | | | | | | |
| MAXIMUM | | | | | | | 0.023 | 0.003 | 0.020 | 0.430 | 0.004 | 0.081 | 60.0 | 2.0 | 59 |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.002 | 0.017 | 0.350 | 0.003 | 0.051 | 41.5 | 1.5 | 41 |
| MINIMUM | | | | | | | 0.013 | 0.002 | 0.010 | 0.290 | 0.002 | 0.030 | 23.0 | 1.0 | 22 |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 2 | 3 | | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 18 01 76 1535 | | | .3 | | 80 | 2.00 | 2.0 | 14.0 | 0.45 | 2.0 | 21 | 6.30 | 0.12 | | |
| 07 02 76 1500 | | | .3 | | 87 | 1.60 | 3.0 | 14.0 | 0.50 | 2.0 | 22 | 7.10 | 0.14 | | |
| 06 03 76 1545 | | | .3 | | 90 | 1.60 | 3.8 | | | 2.2 | 23 | 7.30 | 0.10 | | |
| 04 04 76 1450 | | | .3 | | | | | 13.0 | 1.15 | | | | | | |
| MAXIMUM | | | | | | | 90 | 2.00 | 3.8 | 1.15 | 2.2 | 23 | 7.30 | 0.14 | |
| AVG OR GEOM MN (*) | | | | | | | 86 | 1.73 | 2.9 | 0.70 | 2.1 | 22 | 6.90 | 0.12 | |
| MINIMUM | | | | | | | 80 | 1.60 | 2.0 | 0.45 | 2.0 | 21 | 6.30 | 0.10 | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L | |
| 18 01 76 1535 | | | .3 | | 1.0L | 33.0 | 8.40 | 2.80 | 10 | 0.80 | 2.70 | | 24 | | |
| 07 02 76 1500 | | | .3 | | 1.0L | 33.0 | 8.40 | 3.00 | 10 | 1.00 | 3.10 | | 36 | | |
| 06 03 76 1545 | | | .3 | | | 33.0 | | | 15 | | | | | | |
| 04 04 76 1450 | | | .3 | | 1.0L | | 9.00 | 2.60 | | 0.75 | 2.60 | | 16 | | |
| MAXIMUM | | | | | | | 1.0 | 33.0 | 9.00 | 15 | 1.00 | 3.10 | | 36 | |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | 33.0 | 8.60 | 12 | 0.85 | 2.80 | | 25 | |
| MINIMUM | | | | | | | 1.0 | 33.0 | 8.40 | 10 | 0.75 | 2.60 | | 16 | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | 3 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L | |
| 18 01 76 1535 | | | .3 | | | | 0.120 | | 0.010 | | | 0.010L | 0.012 | 0.020L | |
| 07 02 76 1500 | | | .3 | | | | 0.110 | | 0.010 | | | 0.040 | 0.014 | 0.020L | |
| 04 04 76 1450 | | | .3 | | | | 0.180 | | 0.020L | | | 0.040 | 0.034 | 0.020L | |
| MAXIMUM | | | | | | | 0.180 | | 0.020 | | | 0.040 | 0.034 | 0.020 | |
| AVG OR GEOM MN (*) | | | | | | | 0.137 | | 0.013D | | | 0.030D | 0.020 | 0.020D | |
| MINIMUM | | | | | | | 0.110 | | 0.010 | | | 0.010 | 0.012 | 0.020 | |
| NO OF SAMPLES | | | | | | | 3 | | 3 | | | 3 | 3 | 3 | |

STATION ID: 03-0133-010-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

[illegible]

B.O.W. / SITE: LAKE NIPPISING
SAMPLE POINT: DOWNSTREAM FROM CPR DOCKS NORTH BAY
STATION TYPE: LAKE

STATION ID: 03-0133-011-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

| STN NO | 11 | LAT | LONG | U.T.M. 17 0617700.0 5129450.0 4 | | | | REGION 05 | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|--------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 | 04 | 76 | 1200 | | .3 | | 15343 | 6 | | 190. | 1. | 4. | | 3.0 | | 0.8 |
| 04 | 07 | 76 | 1400 | | .3 | | 15384 | 6 | | 110. | 1. | 1. | | 24.0 | | 0.6 |
| 24 | 07 | 76 | 1310 | | .3 | | 15396 | 6 | | 80. | 1. | 1. | | 25.0 | | 0.5 |
| 16 | 08 | 76 | 1400 | | .3 | | 15423 | 6 | | | | | | 20.0 | | 0.8 |
| 26 | 09 | 76 | 1420 | | .3 | | 15436 | 6 | | 450. | 4. | 4. | | 14.0 | 9.0 | 0.8 |
| 17 | 10 | 76 | 1620 | | .3 | | 15459 | 6 | | 10. | 1. | 4. | | 8.0 | 8.0 | 0.6 |
| 21 | 11 | 76 | 1510 | | .3 | | 15485 | 6 | | 9500. | 2500. | 2. | | 0.0 | 9.0 | 0.6 |
| 15 | 12 | 76 | 1310 | | .3 | | 15505 | 4 9 | | 29000E+1 | 11700E+1 | 10000. | | 0.0 | 3.0 | 60.0 |
| MAXIMUM | | | | | | | | | | 29000E+1 | 11700E+1 | 10000. | | 25.0 | 9.0 | 60.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 575.* | 20.* | 7.* | | 11.8 | 7.3 | 8.1 |
| MINIMUM | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 3.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | 7 | | 8 | 4 | 8 |

CONTD

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 04 | 76 | 1200 | | | .3 | | 0.021 | 0.001 | 0.028 | 0.360 | 0.004 | 0.111 | | 3.8 | | 49 |
| 04 | 07 | 76 | 1400 | | | .3 | | 0.015 | 0.002 | 0.022 | 0.290 | 0.002 | 0.018 | 53.0 | 2.5 | | |
| 24 | 07 | 76 | 1310 | | | .3 | | 0.015 | 0.003 | 0.034 | 0.200 | 0.002 | 0.013 | 55.0 | 3.4 | | |
| 16 | 08 | 76 | 1400 | | | .3 | | 0.018 | 0.002 | 0.014 | 0.230 | 0.001 | 0.009 | 51.0 | 4.8 | | |
| 26 | 09 | 76 | 1420 | | | .3 | | 0.015 | 0.002 | 0.002L | 0.170 | 0.001 | 0.005L | 73.0 | 14.0 | | |
| 17 | 10 | 76 | 1620 | | | .3 | | 0.012 | 0.002 | 0.004 | 0.300 | 0.001 | 0.005L | 61.0 | 5.7 | | |
| 21 | 11 | 76 | 1510 | | | .3 | | 0.030 | 0.002 | 0.002L | 0.330 | 0.002 | 0.018 | 73.0 | 14.0 | | |
| 15 | 12 | 76 | 1310 | | | .3 | | 0.060 | 0.021 | 1.160 | 2.200 | 0.065 | 0.245 | 5359.0 | 2369.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|--------|--------|--|----|
| MAXIMUM | | | | | | | | 0.060 | 0.021 | 1.160 | 2.200 | 0.065 | 0.245 | 5359.0 | 2369.0 | | 49 |
| AVG OR GEOM MN (*) | | | | | | | | 0.023 | 0.004 | 0.158D | 0.510 | 0.010 | 0.053D | 817.9 | 302.2 | | 49 |
| MINIMUM | | | | | | | | 0.012 | 0.001 | 0.002 | 0.170 | 0.001 | 0.005 | 51.0 | 2.5 | | 49 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 04 | 76 | 1200 | | | .3 | | 75 | 2.5 | 4.9 | | | | | | | |
| 04 | 07 | 76 | 1400 | | | .3 | | 80 | 1.90 | 2.7 | | | | | | | |
| 24 | 07 | 76 | 1310 | | | .3 | | 82 | 2.10 | 3.0 | | | | | | | |
| 16 | 08 | 76 | 1400 | | | .3 | | 73 | 2.00 | 2.6 | | | | | | | |
| 26 | 09 | 76 | 1420 | | | .3 | | 88 | 4.00 | 2.5 | | | | | | | |
| 17 | 10 | 76 | 1620 | | | .3 | | 85 | 3.50 | 2.6 | | | | | | | |
| 21 | 11 | 76 | 1510 | | | .3 | | 88 | 4.50 | 3.7 | | | | | | | |
| 15 | 12 | 76 | 1310 | | | .3 | | 5500 | 160.00 | 1650.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--------|--------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 5500 | 160.00 | 1650.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 759 | 22.56 | 209.0 | | | | | | | |
| MINIMUM | | | | | | | | 73 | 1.90 | 2.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 04 | 76 | 1200 | | | .3 | | 0.001L | | | | | | | | | |
| 04 | 07 | 76 | 1400 | | | .3 | | 0.001L | | | | | | | | | |
| 24 | 07 | 76 | 1310 | | | .3 | | 0.001L | | | | | | | | | |
| 16 | 08 | 76 | 1400 | | | .3 | | 0.002 | | | | | | | | | |
| 17 | 10 | 76 | 1620 | | | .3 | | 0.001L | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 0.002 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | | | | | | | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 5 | | | | | | | | | |

B.O.W./ SITE: DUCHESNAY RIVER

SAMPLE POINT: UPSTREAM FROM JOHNS MANVILLE NORTH BAY

STATION TYPE: RIVER FLOW GAUGE FED 02DD008

STATION ID: 03-0133-012-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02

002

5430

STN NO 12 LAT LONG U.T.M. 17 0614750.0 5131999.0 4 REGION 05 MILEAGE 71.30

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 03 | 76 | 1220 | | | .3 | | 15320 | 3 9 0 | 236.00 | 300. | 1. | 1. | | | | |
| 26 | 04 | 76 | 1115 | | | .3 | | 15339 | 3 6 | 99.40 | 110. | 1. | 4. | | | | |
| 04 | 07 | 76 | 1315 | | | .3 | | 15382 | 6 9 0 | 106.00 | 100. | 1. | 1. | 22.0 | | 0.6 | |
| 24 | 07 | 76 | 1245 | | | .3 | | 15394 | 6 | 30.30 | 20. | 1. | 1. | 20.0 | | 0.8 | |
| 26 | 09 | 76 | 1200 | | | .3 | | 15432 | 6 | 62.50 | 280. | 38. | 28. | 9.0 | 10.0 | 1.2 | |
| 17 | 10 | 76 | 1330 | | | .3 | | 15454 | 6 | 22.10 | 30. | 1. | 1. | 5.0 | 10.5 | 0.6 | |
| 21 | 11 | 76 | 1215 | | | .3 | | 15480 | 6 | 13.20 | 340. | 6. | 24. | 2.0 | 12.0 | 0.6 | |
| 15 | 12 | 76 | 0900 | | | .3 | | 15501 | 4 | 15.80 | 110. | 4. | 40. | 0.0 | 9.0 | 0.6 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--------|-------|-----|-----|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 236.00 | 340. | 38. | 40. | | 22.0 | 12.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 73.16 | 110.* | 2.* | 4.* | | 7.9 | 10.4 | 0.7 |
| MINIMUM | | | | | | | | | | 13.20 | 20. | 1. | 1. | | 0.0 | 9.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 8 | 8 | 8 | 8 | | 8 | 4 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 03 | 76 | 1220 | | | .3 | | 0.022 | 0.004 | 0.002 | 0.380 | 0.005 | 0.010 | | 3.3 | | 23 |
| 26 | 04 | 76 | 1115 | | | .3 | | 0.034 | 0.007 | 0.022 | 0.570 | 0.007 | 0.013 | 30.0 | 6.6 | | |
| 04 | 07 | 76 | 1315 | | | .3 | | 0.060 | 0.018 | | 0.680 | 0.008 | 0.027 | 28.0 | 4.6 | | |
| 24 | 07 | 76 | 1245 | | | .3 | | 0.037 | 0.014 | | 0.390 | 0.006 | 0.014 | 35.0 | 2.1 | | |
| 26 | 09 | 76 | 1200 | | | .3 | | 0.034 | 0.009 | 0.018 | 0.480 | 0.005 | 0.030 | 37.0 | 1.3 | | |
| 17 | 10 | 76 | 1330 | | | .3 | | 0.033 | 0.013 | 0.056 | 0.460 | 0.004 | 0.076 | 39.0 | 2.6 | | |
| 21 | 11 | 76 | 1215 | | | .3 | | 0.036 | 0.024 | 0.084 | 0.310 | 0.006 | 0.084 | 62.0 | 29.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|------|------|--|----|
| MAXIMUM | | | | | | | | 0.060 | 0.024 | 0.084 | 0.680 | 0.008 | 0.084 | 62.0 | 29.0 | | 23 |
| AVG OR GEOM MN (*) | | | | | | | | 0.037 | 0.013 | 0.036 | 0.467 | 0.006 | 0.036 | 38.5 | 7.1 | | 23 |
| MINIMUM | | | | | | | | 0.022 | 0.004 | 0.002 | 0.310 | 0.004 | 0.010 | 28.0 | 1.3 | | 23 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | | 1 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 03 | 76 | 1220 | | .3 | | | | | 10.5 | | | | | | |
| 26 | 04 | 76 | 1115 | | .3 | | | | | | | | | | | |
| 04 | 07 | 76 | 1315 | | .3 | | 37 | 1.8 | 2. | | | | | | | |
| 24 | 07 | 76 | 1245 | | .3 | | 37 | 1.70 | 2.2 | 95.0 | | | | | | |
| 26 | 09 | 76 | 1200 | | .3 | | 52 | 1.30 | 3.3 | 9.5 | | | | | | |
| 17 | 10 | 76 | 1330 | | .3 | | 54 | 1.40 | 4.1 | 12.5 | | | | | | |
| 21 | 11 | 76 | 1215 | | .3 | | 54 | 1.00 | 4.6 | 11.5 | | | | | | |
| 15 | 12 | 76 | 0900 | | .3 | | 54 | 17.00 | 4.3 | 11.5 | | | | | | |

MAXIMUM 54 17.00 4.6 95.0
 AVG OR GEOM MN (°) 46 3.66 3.5 25.1
 MINIMUM 36 1.00 2. 9.5
 NO OF SAMPLES 7 7 7 6

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 29 | 03 | 76 | 1220 | | .3 | | 1.0L | | | | | | | | | |
| 26 | 04 | 76 | 1115 | | .3 | | | | | | | | | | 18 | |
| 04 | 07 | 76 | 1315 | | .3 | | 1.0L | | | | | | | | 43 | |
| 24 | 07 | 76 | 1245 | | .3 | | 1.0L | | | | | | | | 45 | |
| 26 | 09 | 76 | 1200 | | .3 | | 1.0L | | | | | | | | 50 | |
| 17 | 10 | 76 | 1330 | | .3 | | 3.0 | | | | | | | | 24 | |
| 21 | 11 | 76 | 1215 | | .3 | | 1.0 | | | | | | | | 12 | |
| 15 | 12 | 76 | 0900 | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM 3.0
 AVG OR GEOM MN (°) 1.30
 MINIMUM 1.0
 NO OF SAMPLES 7 6

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 29 | 03 | 76 | 1220 | | .3 | | | | | | 0.080 | 0.020 | | 0.040 | | 0.010L |
| 26 | 04 | 76 | 1115 | | .3 | | 0.001L | | | | | | | | | |
| 04 | 07 | 76 | 1315 | | .3 | | 0.001 | | | | 0.020 | 0.010L | | 0.020 | | 0.010L |
| 24 | 07 | 76 | 1245 | | .3 | | 0.001L | | | | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 26 | 09 | 76 | 1200 | | .3 | | | | | | 0.020 | 0.010L | | 0.040 | | 0.010L |
| 17 | 10 | 76 | 1330 | | .3 | | | | | | 0.010L | 0.010L | | 0.060 | | 0.010L |
| 21 | 11 | 76 | 1215 | | .3 | | | | | | 0.010L | 0.010L | | 0.020 | | 0.010L |
| 15 | 12 | 76 | 0900 | | .3 | | | | | | 0.01 L | 0.01 L | | 0.02 | | |

MAXIMUM 0.001
 AVG OR GEOM MN (°) 0.001D
 MINIMUM 0.001
 NO OF SAMPLES 3 7 7 7 6

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|-------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 29 | 03 | 76 | 1220 | | .3 | | | | | | | | | | | |
| 26 | 04 | 76 | 1115 | | .3 | | | | 0.01 L | | | | | | | 15320 |
| 04 | 07 | 76 | 1315 | | .3 | | | | 0.01 L | | | | | | | 15339 |
| 24 | 07 | 76 | 1245 | | .3 | | | | 0.01 L | | | | | | | 15382 |
| 26 | 09 | 76 | 1200 | | .3 | | | | | | | | | | | 15394 |
| 17 | 10 | 76 | 1330 | | .3 | | | | | | | | | | | 15432 |
| 21 | 11 | 76 | 1215 | | .3 | | | | | | | | | | | 15454 |
| 15 | 12 | 76 | 0900 | | .3 | | | | 0.02 L | | | | | | | 15480 |

MAXIMUM 0.02
 AVG OR GEOM MN (°) 0.013D
 MINIMUM 0.01
 NO OF SAMPLES 4

B.O.W./ SITE: DUCHESNAY RIVER

SAMPLE POINT: DOWNSTREAM FROM JOHNS MANVILLE NORTH BAY HIGHWAY 178

STATION TYPE: RIVER

STATION ID: 03-0133-013-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02

002

5430

| STN NO | 13 | LAT | LONG | U.T.M. 17 0615150.0 5131400.0 4 | REGION 05 | MILEAGE | 71.00 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 03 76 1245 | | | .3 | | 15321 | 3 9 0 | | 100. | 1. | 1. | | 2.0 | | |
| 26 04 76 1135 | | | .3 | | 15342 | 3 6 | | 400. | 1. | 1. | | 3.0 | | 0.8 |
| 04 07 76 1415 | | | .3 | | 15383 | 6 9 0 | | 100. | 1. | 4. | | 22.0 | | 0.8 |
| 24 07 76 1300 | | | .3 | | 15395 | 6 | | 100. | 1. | 4. | | 20.0 | | 1.0 |
| 26 09 76 1355 | | | .3 | | 15435 | 6 | | 300. | 52. | 50. | | 9.0 | 10.5 | 1.0 |
| 17 10 76 1710 | | | .3 | | 15458 | 6 | | 200. | 4. | 4. | | 6.0 | 8.0 | 0.6 |
| 21 11 76 1445 | | | .3 | | 15484 | 4 | | 5700. | 1900. | 1. | | 2.0 | 9.0 | 2.0 |
| 15 12 76 1140 | | | .3 | | 15504 | 4 | | 140. | 6. | 72. | | 0.0 | 6.0 | 1.2 |
| MAXIMUM | | | | | | | | 5700. | 1900. | 72. | | 22.0 | 10.5 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 257.* | 6.* | 5.* | | 8.0 | 8.4 | 1.1 |
| MINIMUM | | | | | | | | 100. | 1. | 1. | | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | 8 | 4 | 7 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 29 03 76 1245 | | | .3 | | | | | | | | | | | |
| 26 04 76 1135 | | | .3 | | 0.024 | 0.004 | 0.002 | 0.350 | 0.005 | 0.010 | | 3.5 | | 29 |
| 04 07 76 1415 | | | .3 | | 0.030 | 0.004 | 0.028 | 0.580 | 0.007 | 0.005L | 31.0 | 5.2 | | |
| 24 07 76 1300 | | | .3 | | 0.068 | 0.017 | 0.028 | 0.700 | 0.009 | 0.016 | 35.0 | 1.7 | | |
| 26 09 76 1355 | | | .3 | | 0.037 | 0.014 | 0.014 | 0.430 | 0.006 | 0.019 | 48.0 | 1.9 | | |
| 17 10 76 1710 | | | .3 | | 0.030 | 0.006 | 0.020 | 0.380 | 0.005 | 0.025 | 48.0 | 2.0 | | |
| 21 11 76 1445 | | | .3 | | 0.325 | 0.006 | 0.008 | 1.300 | 0.004 | 0.076 | 154.0 | 95.0 | | |
| 15 12 76 1140 | | | .3 | | 0.062 | 0.019 | 0.050 | 0.440 | 0.006 | 0.074 | 290.0 | 241.0 | | |
| MAXIMUM | | | | | 0.325 | 0.019 | 0.050 | 1.300 | 0.009 | 0.076 | 290.0 | 241.0 | | 29 |
| AVG OR GEOM MN (*) | | | | | 0.082 | 0.010 | 0.022 | 0.597 | 0.006 | 0.0320 | 101.0 | 50.0 | | 29 |
| MINIMUM | | | | | 0.024 | 0.004 | 0.002 | 0.350 | 0.004 | 0.005 | 31.0 | 1.7 | | 29 |
| NO OF SAMPLES | | | | | 7 | 7 | 5 | 7 | 7 | 7 | 6 | 7 | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 29 03 76 1245 | | | .3 | | | | | 10.5 | | | | | | |
| 26 04 76 1135 | | | .3 | | 45 | 1.8 | 3. | | | | | | | |
| 04 07 76 1415 | | | .3 | | 38 | 1.60 | 2.8 | 10.0 | | | | | | |
| 24 07 76 1300 | | | .3 | | 52 | 1.50 | 5.8 | 8.5 | | | | | | |
| 26 09 76 1355 | | | .3 | | 68 | 1.40 | 6.3 | 12.5 | | | | | | |
| 17 10 76 1710 | | | .3 | | 68 | 1.50 | 6.7 | 11.0 | | | | | | |
| 21 11 76 1445 | | | .3 | | 90 | 17.00 | 10.0 | 12.5 | | | | | | |
| 15 12 76 1140 | | | .3 | | 76 | 2.00 | 12.5 | | | | | | | |
| MAXIMUM | | | | | 90 | 17.00 | 12.5 | 12.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | 62 | 3.83 | 6.7 | 10.8 | | | | | | |
| MINIMUM | | | | | 38 | 1.40 | 2.8 | 8.5 | | | | | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 6 | | | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 29 03 76 1245 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 26 04 76 1135 | | | .3 | | | | | | | | | | | |
| 04 07 76 1415 | | | .3 | | 5.0 | | | | | | | | 43 | |
| 24 07 76 1300 | | | .3 | | 1.0L | | | | | | | | 49 | |
| 26 09 76 1355 | | | .3 | | 1.0 | | | | | | | | 52 | |
| 17 10 76 1710 | | | .3 | | 1.0 | | | | | | | | 45 | |
| 21 11 76 1445 | | | .3 | | 2.0 | | | | | | | | 77 | |
| 15 12 76 1140 | | | .3 | | 2.0 | | | | | | | | | |
| MAXIMUM | | | | | 5.0 | | | | | | | | 77 | |
| AVG OR GEOM MN (*) | | | | | 1.90 | | | | | | | | 48 | |
| MINIMUM | | | | | 1.0 | | | | | | | | 24 | |
| NO OF SAMPLES | | | | | 7 | | | | | | | | 6 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 29 03 76 1245 | | | .3 | | | | | | 0.080 | 0.010 | | 0.030 | | 0.010L |
| 26 04 76 1135 | | | .3 | | 0.001L | | | | 0.020 | 0.010L | | 0.020 | | 0.010L |
| 04 07 76 1415 | | | .3 | | 0.001L | | | | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 24 07 76 1300 | | | .3 | | 0.001L | | | | 0.040 | 0.010L | | 0.020 | | 0.010L |
| 26 09 76 1355 | | | .3 | | | | | | 0.010 | 0.010L | | 0.040 | | 0.010L |
| 17 10 76 1710 | | | .3 | | | | | | 0.020 | 0.020L | | 0.090 | | 0.010L |
| 21 11 76 1445 | | | .3 | | | | | | 0.01 L | 0.01 L | | 0.02 | | 0.050 |
| 15 12 76 1140 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 0.001 | | | | 0.080 | 0.020 | | 0.090 | | 0.050 |
| AVG OR GEOM MN (*) | | | | | 0.001D | | | | 0.031D | 0.011D | | 0.034 | | 0.017D |
| MINIMUM | | | | | 0.001 | | | | 0.010 | 0.010 | | 0.020 | | 0.010 |
| NO OF SAMPLES | | | | | 3 | | | | 7 | 7 | | 7 | | 6 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 934 SAMPLE NO |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|---------------------|
| 29 | 03 | 76 | 1245 | | | .3 | | | | | 15321 |
| 26 | 04 | 76 | 1135 | | | .3 | | | | | 15342 |
| 04 | 07 | 76 | 1415 | | | .3 | | | | 0.11 L | 15383 |
| 24 | 07 | 76 | 1300 | | | .3 | | | | 0.01 L | 15395 |
| 26 | 09 | 76 | 1355 | | | .3 | | | | | 15435 |
| 17 | 10 | 76 | 1710 | | | .3 | | | | | 15458 |
| 21 | 11 | 76 | 1445 | | | .3 | | | | | 15484 |
| 15 | 12 | 76 | 1140 | | | .3 | | | | 0.02 L | 15504 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

0.11
 0.04 D
 0.01
 4

B.O.W./ SITE: LA VASE RIVER
 SAMPLE POINT: UPSTREAM FROM DUPONT NORTH BAY
 STATION TYPE: RIVER FLOW GAUGE MOE 02DD101

STATION ID: 03-0133-014-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
 002
 5430

STN NO 14 LAT LONG U.T.M. 17 0624650.0 5125300.0 4 REGION 05 MILEAGE 75.30

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 03 | 76 | 1400 | | | .3 | | 15315 | 3 9 | | 300. | 4. | 10. L | | 3.0 | | 1.4 |
| 25 | 04 | 76 | 1130 | | | .3 | | 15335 | 6 | | 360. | 1. | 4. | | 8.0 | | 0.6 |
| 24 | 05 | 76 | 1245 | | | .3 | | 15359 | 6 | | 370. | 192. | 1. | | 10.0 | | 0.8 |
| 23 | 06 | 76 | 1105 | | | .3 | | 15369 | 6 | | 110. | 1. | 4. | | 23.0 | | 0.8 |
| 14 | 07 | 76 | 1200 | | | .3 | | 15390 | | | 70000. | 1. | 100. | | | | 38.0 |
| 11 | 08 | 76 | 1300 | | | .3 | | 15411 | 6 | | 900. G | 1. | 10. L | | 22.0 | | 2.4 |
| 27 | 09 | 76 | 1050 | | | .3 | | 15442 | 6 | | 600. | 196. | 276. | | 11.0 | 9.0 | 1.0 |
| 18 | 10 | 76 | 1355 | | | .3 | | 15463 | 6 | | 100. | 36. | 36. | | 6.0 | 10.0 | 1.6 |
| 17 | 11 | 76 | 1130 | | | .3 | | 15476 | 6 | | 800. | 44. | 152. | | 3.0 | 7.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

70000.
 619.* U
 100.
 9
 9
 9
 8
 3
 9

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 03 | 76 | 1400 | | | .3 | | 0.096 | 0.009 | 0.084 | 0.680 | 0.008 | 0.297 | | | | |
| 25 | 04 | 76 | 1130 | | | .3 | | 0.024 | 0.007 | 0.002L | 0.740 | 0.008 | 0.009 | | 9.3 | | 55 |
| 24 | 05 | 76 | 1245 | | | .3 | | 0.032 | 0.005 | 0.010 | 0.670 | 0.010 | 0.005L | | 7.9 | | |
| 23 | 06 | 76 | 1105 | | | .3 | | 0.052 | 0.008 | 0.028 | 0.850 | 0.002 | 0.005L | | 3.0 | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.825 | 0.150 | 0.780 | 6.000 | 0.004 | 0.006 | | 249.0 | 70.0 | |
| 11 | 08 | 76 | 1300 | | | .3 | | 0.104 | 0.008 | 0.052 | 1.060 | 0.003 | 0.005L | | 220.0 | 41.0 | |
| 27 | 09 | 76 | 1050 | | | .3 | | 0.100 | 0.021 | 0.032 | 0.860 | 0.009 | 0.236 | | 148.0 | 21.0 | |
| 18 | 10 | 76 | 1355 | | | .3 | | 0.040 | 0.009 | | 1.050 | 0.007 | 0.033 | | 131.0 | 17.0 | |
| 17 | 11 | 76 | 1130 | | | .3 | | 0.042 | 0.012 | | 0.800 | 0.007 | 0.088 | | 101.0 | 6.5 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

0.825
 0.146
 0.024
 9
 9
 7
 9
 9
 9
 7
 8
 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 03 | 76 | 1400 | | | .3 | | 53 | 22.00 | 5.2 | | | | | | | |
| 25 | 04 | 76 | 1130 | | | .3 | | 85 | 7.2 | 6.5 | | | | | | | |
| 24 | 05 | 76 | 1245 | | | .3 | | 85 | 7.50 | 7.1 | | | | | | | |
| 23 | 06 | 76 | 1105 | | | .3 | | 222 | 1.50 | 49.0 | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 275 | 25.00 | 60.0 | | | | | | | |
| 11 | 08 | 76 | 1300 | | | .3 | | 275 | 5.50 | 42.5 | | | | | | | |
| 27 | 09 | 76 | 1050 | | | .3 | | 195 | 34.00 | 21.5 | | | | | | | |
| 18 | 10 | 76 | 1355 | | | .3 | | 175 | 12.00 | 17.5 | | | | | | | |
| 17 | 11 | 76 | 1130 | | | .3 | | 146 | 16.00 | 11.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

275
 168
 53
 9
 9
 9

CONT'D

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 04 | 76 | 1130 | | .3 | | 0.001L | | | | | | | | | |
| 24 | 05 | 76 | 1245 | | .3 | | 0.001 | | | | | | | | | |
| 23 | 06 | 76 | 1105 | | .3 | | 0.001L | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.001 | | | | | | | | | |
| 18 | 10 | 76 | 1355 | | .3 | | 0.001L | | | | | | | | | |

MAXIMUM 0.001
AVG OR GEOM MN (*) 0.001D
MINIMUM 0.001

NO OF SAMPLES 5

B.O.W./ SITE: LA VASE RIVER
SAMPLE POINT: DOWNSTREAM FROM DUPONT NORTH BAY
STATION TYPE: RIVER

STATION ID: 03-0133-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 15 LAT LONG U.T.M. 17 0623100.0 5123750.0 4 REGION 05 MILEAGE 75.00

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 03 | 76 | 1020 | | .3 | | 15308 | 3 9 | | 100. | 32. | 32. | | 3.0 | | 1.4 |
| 26 | 04 | 76 | 1045 | | .3 | | 15347 | 6 | | 120. | 4. | 4. | | 3.0 | | 1.4 |
| 24 | 05 | 76 | 1110 | | .3 | | 15357 | 6 | | 90. | 20. | 4. | | 10.0 | | 1.0 |
| 23 | 06 | 76 | 0930 | | .3 | | 15367 | 6 | | 150. | 4. | 36. | | 23.0 | | 2.0 |
| 14 | 07 | 76 | 1200 | | .3 | | 15388 | | | 400. | 1. | 80. | | | | 3.0 |
| 11 | 08 | 76 | 1140 | | .3 | | 15409 | 6 | | 600. | 1. | 1. | | 22.0 | | 2.4 |
| 27 | 09 | 76 | 0900 | | .3 | | 15440 | 6 | | 100. | 24. | 12. | | 11.0 | 6.0 | 3.4 |
| 17 | 10 | 76 | 1800 | | .3 | | 15457 | 6 | | 100. | 1. | 4. | | 7.0 | 8.0 | 2.0 |
| 21 | 11 | 76 | 1640 | | .3 | | 15483 | 6 | | 140. | 2. | 6. | | 0.0 | 8.0 | 0.8 |
| 15 | 12 | 76 | 1440 | | .3 | | 15508 | 4 | | 60. | 4. | 12. | | 0.0 | 7.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

600.
142.*
60.

NO OF SAMPLES

10 10 10 9 4 10

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 03 | 76 | 1020 | | .3 | | 0.054 | 0.005 | 0.186 | 0.700 | 0.010 | 0.385 | | | | |
| 26 | 04 | 76 | 1045 | | .3 | | 0.034 | 0.005 | 0.370 | 1.170 | 0.027 | 0.608 | | 5.8 | | |
| 24 | 05 | 76 | 1110 | | .3 | | 0.031 | 0.005 | 0.150 | 0.840 | 0.044 | 0.401 | 71.0 | 18.0 | | 65 |
| 23 | 06 | 76 | 0930 | | .3 | | 0.106 | 0.030 | 0.100 | 1.450 | 0.100 | 0.401 | 109.0 | 8.8 | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.070 | 0.013 | 0.480 | 1.500 | 0.090 | 1.590 | 97.0 | 12.0 | | |
| 11 | 08 | 76 | 1140 | | .3 | | 0.054 | 0.009 | 0.324 | 1.200 | 0.110 | 3.890 | 98.0 | 7.1 | | |
| 27 | 09 | 76 | 0900 | | .3 | | 0.044 | 0.012 | 1.880 | 2.820 | 0.210 | 3.390 | 114.0 | 7.3 | | |
| 17 | 10 | 76 | 1800 | | .3 | | 0.048 | 0.017 | 0.550 | 1.520 | 0.034 | 1.600 | 143.0 | 6.2 | | |
| 21 | 11 | 76 | 1640 | | .3 | | 0.028 | 0.005 | 0.320 | 1.020 | 0.015 | 0.735 | 112.0 | 5.4 | | |
| 15 | 12 | 76 | 1440 | | .3 | | 0.048 | 0.008 | 0.750 | 1.420 | 0.021 | 1.190 | 119.0 | 12.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.106 0.030 1.880 2.820 0.210 3.890 143.0 18.0
0.052 0.011 0.511 1.364 0.066 1.490 107.9 9.2
0.028 0.005 0.100 0.700 0.010 0.385 71.0 5.4

NO OF SAMPLES

10 10 10 10 10 10 8 9 1

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 03 | 76 | 1020 | | .3 | | 55 | 9.90 | 6.0 | | | | | | | |
| 26 | 04 | 76 | 1045 | | .3 | | 100 | 6.1 | 9.2 | | | | | | | |
| 24 | 05 | 76 | 1110 | | .3 | | 95 | 6.50 | 9.4 | | | | | | | |
| 23 | 06 | 76 | 0930 | | .3 | | 140 | 8.60 | 14.5 | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 130 | 8.40 | 13.5 | | | | | | | |
| 11 | 08 | 76 | 1140 | | .3 | | 142 | 3.60 | 11.5 | | | | | | | |
| 27 | 09 | 76 | 0900 | | .3 | | 165 | 4.60 | 11.5 | | | | | | | |
| 17 | 10 | 76 | 1800 | | .3 | | 210 | 6.50 | 30.5 | | | | | | | |
| 21 | 11 | 76 | 1640 | | .3 | | 165 | 6.50 | 19.5 | | | | | | | |
| 15 | 12 | 76 | 1440 | | .3 | | 165 | 7.60 | 17.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

210 9.90 30.5
137 6.83 14.3
55 3.60 6.0

NO OF SAMPLES

10 10 10

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 04 | 76 | 1045 | | .3 | | 0.001L | | | | | | | | | |
| 24 | 05 | 76 | 1110 | | .3 | | 0.001 | | | | | | | | | |
| 23 | 06 | 76 | 0930 | | .3 | | 0.001L | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.001L | | | | | | | | | |
| 17 | 10 | 76 | 1800 | | .3 | | 0.001L | | | | | | | | | |

MAXIMUM 0.001
 AVG OR GEOM MN (*) 0.001D
 MINIMUM 0.001
 NO OF SAMPLES 5

B.O.W./ SITE: LAKE TEMAGAMI
 SAMPLE POINT: NEAR CNR WATER INTAKE TEMAGAMI
 STATION TYPE: LAKE

STATION ID: 03-0133-016-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
 002
 5430

STN NO 16 LAT LONG U.T.M. 17 0591700.0 5212550.0 4 REGION 05 MILEAGE 112.80

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 25 | 03 | 76 | 1100 | | .3 | | 15302 | 4 | | | | | | 0.0 | | |
| 22 | 05 | 76 | 0940 | | .3 | | 15348 | 6 | | | | | | 10.0 | | 0.6 |
| 03 | 07 | 76 | 1705 | | .3 | | 15373 | 6 | | 1. | 1. | 1. | | 20.0 | | 0.4 |
| 25 | 07 | 76 | 1210 | | .3 | | 15401 | 6 | | 4. | 1. | 1. | | 22.0 | | 0.4 |
| 15 | 08 | 76 | 1420 | | .3 | | 15414 | 6 | | 90. | | 4. | | 20.0 | | 1.2 |
| 19 | 09 | 76 | 1330 | | .3 | | 15431 | 6 | | 4. | 1. | 1. | | 15.0 | | 1.6 |
| 13 | 10 | 76 | 1005 | | .3 | | 15446 | 6 | | 110. | 2. | 4. | | 12.0 | 9.0 | 0.6 |
| 07 | 11 | 76 | 1630 | | .3 | | 15474 | 6 | | 16. | 1. | 1. | | 3.0 | 10.0 | 0.2 |
| 19 | 12 | 76 | 0945 | | .3 | | 15488 | 4 | | 4. L | 2. L | 2. L | | 0.0 | 4.0 | 0.6 |

MAXIMUM 110. 2. 4. 22.0 10.0 1.6
 AVG OR GEOM MN (*) 10.* D 1.* D 2.* D 11.3 7.7 0.7
 MINIMUM 1. 1. 1. 0.0 4.0 0.2
 NO OF SAMPLES 7 6 7 9 3 8

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 03 | 76 | 1100 | | .3 | | | | | | | | | | | |
| 22 | 05 | 76 | 0940 | | .3 | | 0.010 | 0.001L | 0.024 | 0.230 | 0.001 | 0.009 | 70.0 | 2.1 | | |
| 03 | 07 | 76 | 1705 | | .3 | | 0.011 | 0.001 | 0.028 | 0.260 | 0.001 | 0.034 | 67.0 | 1.6 | | |
| 25 | 07 | 76 | 1210 | | .3 | | 0.008 | 0.001L | 0.002L | 0.230 | 0.001 | 0.009 | 67.0 | 1.7 | | |
| 15 | 08 | 76 | 1420 | | .3 | | 0.018 | 0.001 | 0.050 | 0.290 | 0.007 | 0.005 | 108. | 9.8 | | |
| 19 | 09 | 76 | 1330 | | .3 | | 0.013 | 0.001 | 0.004 | 0.240 | 0.001 | 0.005L | 47.0 | 1.3 | | |
| 13 | 10 | 76 | 1005 | | .3 | | 0.015 | 0.004 | 0.012 | 0.190 | 0.001 | 0.005L | 80.0 | 1.5 | | |
| 07 | 11 | 76 | 1630 | | .3 | | 0.009 | 0.003 | 0.010 | 0.250 | 0.001 | 0.014 | 74.0 | 1.6 | | |
| 19 | 12 | 76 | 0945 | | .3 | | 0.009 | 0.003 | 0.016 | 0.230 | 0.002 | 0.018 | 51. | 1.5 | | |

MAXIMUM 0.018 0.004 0.050 0.290 0.007 0.034 108. 9.8
 AVG OR GEOM MN (*) 0.012 0.002D 0.018D 0.240 0.002 0.012D 70.5 2.6
 MINIMUM 0.008 0.001 0.002 0.190 0.001 0.005 47.0 1.3
 NO OF SAMPLES 8 8 8 8 8 8 8 8

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 03 | 76 | 1100 | | .3 | | 110 | | | | | | 17 | | | |
| 22 | 05 | 76 | 0940 | | .3 | | 105 | 0.65 | 6.0 | | | 1.8 | 20 | 7.35 | | 0.170 |
| 03 | 07 | 76 | 1705 | | .3 | | 102 | 1.20 | 3.4 | | | 3.0 | 21 | 7.35 | | 0.050 |
| 25 | 07 | 76 | 1210 | | .3 | | 100 | 1.00 | 3.2 | | | 2.3 | 20 | 7.73 | | 0.030 |
| 15 | 08 | 76 | 1420 | | .3 | | 148 | 1.5 | 14.5 | | | | | | | |
| 19 | 09 | 76 | 1330 | | .3 | | 72 | 0.09 | 3.5 | | | 1.5 | 21 | 7.40 | | 0.080 |
| 13 | 10 | 76 | 1005 | | .3 | | 122 | 1.40 | 3.3 | | | 1.0 | 20 | 7.70 | | 0.060 |
| 07 | 11 | 76 | 1630 | | .3 | | 108 | 1.00 | 3.2 | | | 1.5 | 21 | 7.74 | | 0.040 |
| 19 | 12 | 76 | 0945 | | .3 | | 74 | 1.0 | 0.7 | | | 3.0 | 20 | 7.20 | | 0.090 |

MAXIMUM 148 1.5 14.5 3.0 21 7.74 0.170
 AVG OR GEOM MN (*) 105 0.98 4.7 2.0 20 7.50 0.074
 MINIMUM 72 0.09 0.7 1.0 17 7.20 0.030
 NO OF SAMPLES 9 8 8 7 8 7 7

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 03 | 76 | 1100 | | .3 | | | 26.0 | | | | | | | | |
| 22 | 05 | 76 | 0940 | | .3 | | | 39.0 | | | 10 | | | | | |
| 03 | 07 | 76 | 1705 | | .3 | | | 38.0 | 11.00 | 2.60 | 5 | | | | | |
| 25 | 07 | 76 | 1210 | | .3 | | | 39.0 | | | 5 | | | | | |
| 15 | 08 | 76 | 1420 | | .3 | | | | | | | | | | | |
| 19 | 09 | 76 | 1330 | | .3 | | | 37.0 | 10.00 | 3.00 | 5 | | | | | |
| 13 | 10 | 76 | 1005 | | .3 | | | 39.0 | 11.00 | 2.90 | 5 | | | | | |
| 07 | 11 | 76 | 1630 | | .3 | | | 37.0 | 10.00 | 3.00 | 5 | | | | | |
| 19 | 12 | 76 | 0945 | | .3 | | | 32.0 | 8.80 | 2.40 | 30 | | | | | |

| | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|-------|------|----|
| MAXIMUM | | | | | | | 39.0 | 11.00 | 3.00 | 30 |
| AVG OR GEOM MN (*) | | | | | | | 35.9 | 10.16 | 2.78 | 9 |
| MINIMUM | | | | | | | 26.0 | 8.80 | 2.40 | 5 |
| NO OF SAMPLES | | | | | | | 8 | 5 | 5 | 7 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 22 | 05 | 76 | 0940 | | .3 | | 0.001 | | | | | | | | | |
| 03 | 07 | 76 | 1705 | | .3 | | 0.001L | | | | | | | | | |
| 25 | 07 | 76 | 1210 | | .3 | | 0.001L | | | | | | | | | |
| 19 | 09 | 76 | 1330 | | .3 | | 0.001L | | | | | | | | | |
| 13 | 10 | 76 | 1005 | | .3 | | 0.001L | | | | | | | | | |
| 19 | 12 | 76 | 0945 | | .3 | | 0.001 | | | | | | | | | |

| | | | | | | | |
|--------------------|--|--|--|--|--|--|--------|
| MAXIMUM | | | | | | | 0.001 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D |
| MINIMUM | | | | | | | 0.001 |
| NO OF SAMPLES | | | | | | | 6 |

B.O.W./ SITE: STURGEON RIVER
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM CRYSTAL FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02DC003

STATION ID: 03-0133-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 17 LAT LONG U.T.M. 17 0584400.0 5145850.0 4 REGION 05 MILEAGE 87.30

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 03 | 76 | 1900 | | .3 | | 15326 | 4 6 | 4630.00 | 200. | 10. L | 1. | | 3.0 | | |
| 26 | 04 | 76 | 1900 | | .3 | | 15341 | 3 6 | 11000.00 | 60. | 1. | 1. | | 3.0 | | 0.8 |
| 26 | 05 | 76 | 1345 | | .3 | | 15365 | 6 3 | 7060.00 | 8. | 1. | 1. | | 12.0 | | 0.8 |
| 03 | 07 | 76 | 1600 | | .3 | | 15381 | 6 | 1530.00 | 90. | 1. | 1. | | 25.0 | | 1.4 |
| 25 | 07 | 76 | 1050 | | .3 | | 15400 | 6 | 1080.00 | 10. | 1. | 1. | | 22.0 | | 0.6 |
| 16 | 08 | 76 | 1310 | | .3 | | 15422 | 6 | 1070.00 | | | | | 21.0 | | 0.6 |
| 26 | 09 | 76 | 1310 | | .3 | | 15434 | 6 | 1230.00 | 64. | 2. | 2. | | 15.0 | 8.0 | 0.6 |
| 17 | 10 | 76 | 1500 | | .3 | | 15456 | 6 | 1320.00 | 10. | 4. | 1. | | 8.0 | 9.5 | 0.4 |
| 21 | 11 | 76 | 1345 | | .3 | | 15482 | 4 | 452.00 | 40. | 2. | 1. | | 0.0 | 8.0 | 0.1 |
| 15 | 12 | 76 | 1015 | | .3 | | 15503 | 4 | 1130.00 | 10. L | 4. | 2. L | | 0.0 | 11.0 | 0.6 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|----------|--------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | 11000.00 | 200. | 10. | 2. | | 25.0 | 11.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 3050.20 | 30.* D | 2.* D | 1.* D | | 10.9 | 9.1 | 0.6 |
| MINIMUM | | | | | | | | | 452.00 | 8. | 1. | 1. | | 0.0 | 8.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | 10 | 9 | 9 | 9 | | 10 | 4 | 9 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 03 | 76 | 1900 | | .3 | | | | | | | | | | | |
| 26 | 04 | 76 | 1900 | | .3 | | 0.045 | 0.002 | 0.016 | 0.360 | 0.003 | 0.057 | 92. | 56. | | |
| 26 | 05 | 76 | 1345 | | .3 | | 0.010 | 0.002 | 0.024 | 0.330 | 0.003 | 0.012 | | | | |
| 03 | 07 | 76 | 1600 | | .3 | | 0.016 | 0.001 | 0.012 | 0.340 | 0.001 | 0.005L | 56.0 | 6.5 | | 46 |
| 25 | 07 | 76 | 1050 | | .3 | | 0.008 | 0.001 | 0.004 | 0.220 | 0.002 | 0.008 | 54.0 | 7.6 | | |
| 16 | 08 | 76 | 1310 | | .3 | | 0.012 | 0.002 | 0.010 | 0.120 | 0.001 | 0.005L | 53.0 | 3.9 | | |
| 26 | 09 | 76 | 1310 | | .3 | | 0.066 | 0.001 | 0.008 | 0.160 | 0.001 | 0.009 | 56.0 | 3.6 | | |
| 17 | 10 | 76 | 1500 | | .3 | | 0.006 | 0.005 | 0.014 | 0.240 | 0.002 | 0.008 | 51.0 | 1.5 | | |
| 21 | 11 | 76 | 1345 | | .3 | | 0.012 | 0.001 | 0.006 | 0.220 | 0.001 | 0.019 | 57.0 | 8.3 | | |
| 15 | 12 | 76 | 1015 | | .3 | | 0.033 | 0.001 | 0.010 | 0.180 | 0.001 | 0.014 | 54.0 | 8.2 | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|------|------|--|----|
| MAXIMUM | | | | | | | 0.066 | 0.005 | 0.024 | 0.360 | 0.003 | 0.057 | 92. | 56. | | 46 |
| AVG OR GEOM MN (*) | | | | | | | 0.023 | 0.002 | 0.012 | 0.241 | 0.002 | 0.015D | 59.1 | 12.0 | | 46 |
| MINIMUM | | | | | | | 0.006 | 0.001 | 0.004 | 0.120 | 0.001 | 0.005 | 51.0 | 1.5 | | 46 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | 1 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 26 04 76 1900 | | | .3 | | 55 | 11. | 0.8 | | | | | | | |
| 26 05 76 1345 | | | .3 | | 70 | | 2.5 | | | | | | | |
| 03 07 76 1600 | | | .3 | | 76 | 2.20 | 1.1 | | | | | | | |
| 25 07 76 1050 | | | .3 | | 72 | 1.40 | 0.9 | | | | | | | |
| 16 08 76 1310 | | | .3 | | 74 | 1.90 | 0.8 | | | | | | | |
| 26 09 76 1310 | | | .3 | | 82 | 1.60 | 0.9 | | | | | | | |
| 17 10 76 1500 | | | .3 | | 74 | 1.60 | 1.0 | | | | | | | |
| 21 11 76 1345 | | | .3 | | 76 | 1.20 | 1.0 | | | | | | | |
| 15 12 76 1015 | | | .3 | | 72 | 0.80 | 1.2 | | | | | | | |

MAXIMUM 82 11. 2.5
 AVG OR GEOM MN (*) 72 2.71 1.1
 MINIMUM 55 0.80 0.8
 NO OF SAMPLES 9 8 9

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 04 76 1900 | | | .3 | | 0.001L | | | | | | | | | |
| 26 05 76 1345 | | | .3 | | 0.001L | | | | | | | | | |
| 03 07 76 1600 | | | .3 | | 0.001L | | | | | | | | | |
| 25 07 76 1050 | | | .3 | | 0.001L | | | | | | | | | |
| 16 08 76 1310 | | | .3 | | 0.001L | | | | | | | | | |

MAXIMUM 0.001
 AVG OR GEOM MN (*) 0.001D
 MINIMUM 0.001
 NO OF SAMPLES 5

B.O.W. / SITE: STURGEON RIVER
 SAMPLE POINT: DOWNSTREAM FROM STURGEON FALLS
 STATION TYPE: RIVER

STATION ID: 03-0133-018-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
 002
 5430

| STN NO | 18 | LAT | | LONG | | U.T.M. 17 0580300.0 5133200.0 4 | | | | REGION 05 | | MILEAGE | | 75.00 |
|---------------|------|-----|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 29 03 76 1830 | | | .3 | | 15325 | 4 6 | | 1200. | 60. | 1. | | 3.0 | | 1.8 |
| 26 04 76 1830 | | | .3 | | 15340 | 3 6 | | 1300. | 112. | 52. | | 3.0 | | 1.0 |
| 26 05 76 1330 | | | .3 | | 15364 | 6 | | 190. | 1. | 36. | | 10.0 | | 2.0 |
| 03 07 76 1530 | | | .3 | | 15380 | 6 | | | | | | 25.0 | | 4.6 |
| 25 07 76 1015 | | | .3 | | 15399 | 6 | | 680. | 1. | 4. | | 22.0 | | 3.1 |
| 16 08 76 1245 | | | .3 | | 15421 | 6 | | | | | | 21.0 | | 2.8 |
| 26 09 76 1250 | | | .3 | | 15433 | 6 | | 1700. | 9800. | 44. | | 15.0 | 7.5 | 4.4 |
| 17 10 76 1440 | | | .3 | | 15455 | 6 | | 740. | 10. | L 344. | | 8.0 | 8.0 | 3.8 |
| 21 11 76 1315 | | | .3 | | 15481 | 4 | | 14000. | 236. | 124. | | 0.0 | 11.0 | 7.5 |
| 15 12 76 1000 | | | .3 | | 15502 | 4 | | 2300. | 110. | 310. | | 0.0 | 7.0 | 7.5 |

MAXIMUM 14000. 9800. 344.
 AVG OR GEOM MN (*) 1300.* 45.* D 38.*
 MINIMUM 190. 1. 1.
 NO OF SAMPLES 8 8 8 10 4 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 29 03 76 1830 | | | .3 | | 0.050 | 0.005 | 0.052 | 0.460 | 0.007 | 0.278 | | | | |
| 26 04 76 1830 | | | .3 | | 0.050 | 0.001 | 0.002L | 0.310 | 0.004 | 0.051 | 95. | 59. | | |
| 26 05 76 1330 | | | .3 | | 0.015 | 0.001 | 0.002 | 0.250 | 0.003 | 0.022 | | | | |
| 03 07 76 1530 | | | .3 | | 0.035 | 0.002 | 0.002L | 0.330 | 0.002 | 0.005L | 78.0 | 23.0 | | 39 |
| 25 07 76 1015 | | | .3 | | 0.021 | 0.001 | 0.012 | 0.460 | 0.002 | 0.005L | 69.0 | 9.6 | | |
| 16 08 76 1245 | | | .3 | | 0.022 | 0.004 | 0.010 | 0.310 | 0.004 | 0.006 | 67.0 | 7.7 | | |
| 26 09 76 1250 | | | .3 | | 0.020 | 0.003 | 0.004 | 0.240 | 0.002 | 0.005L | 67.0 | 5.4 | | |
| 17 10 76 1440 | | | .3 | | 0.017 | 0.003 | 0.004 | 0.290 | 0.005 | 0.005 | 59.0 | 4.4 | | |
| 21 11 76 1315 | | | .3 | | 0.022 | 0.001 | 0.002 | 0.350 | 0.002 | 0.005L | 60.0 | 4.6 | | |
| 15 12 76 1000 | | | .3 | | 0.025 | 0.003 | 0.002L | 0.380 | 0.007 | 0.008 | 66.0 | 6.6 | | |

MAXIMUM 0.050 0.005 0.052 0.460 0.007 0.278 95. 59. 39
 AVG OR GEOM MN (*) 0.028 0.002 0.009D 0.338 0.004 0.039D 70.1 15.0 39
 MINIMUM 0.015 0.001 0.002 0.240 0.002 0.005 59.0 4.4 39
 NO OF SAMPLES 10 10 10 10 10 10 8 8 1

CONT'D

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 29 03 76 1830 | | | .3 | | 60 | 4.70 | 1.8 | | | | | | | |
| 26 04 76 1830 | | | .3 | | 55 | 12. | 0.8 | | | | | | | |
| 26 05 76 1330 | | | .3 | | 60 | 2.90 | 1.0 | | | | | | | |
| 03 07 76 1530 | | | .3 | | 84 | 7.50 | 1.4 | | | | | | | |
| 25 07 76 1015 | | | .3 | | 90 | 4.50 | 1.3 | | | | | | | |
| 16 08 76 1245 | | | .3 | | 88 | 5.30 | 1.0 | | | | | | | |
| 26 09 76 1250 | | | .3 | | 96 | 4.00 | 1.0 | | | | | | | |
| 17 10 76 1440 | | | .3 | | 86 | 4.00 | 1.2 | | | | | | | |
| 21 11 76 1315 | | | .3 | | 87 | 3.00 | 1.4 | | | | | | | |
| 15 12 76 1000 | | | .3 | | 90 | 4.00 | 1.2 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 96 | 12. | 1.8 |
| AVG OR GEOM MN (*) | 80 | 5.19 | 1.2 |
| MINIMUM | 55 | 2.90 | 0.8 |
| NO OF SAMPLES | 10 | 10 | 10 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 04 76 1830 | | | .3 | | 0.001L | | | | | | | | | |
| 26 05 76 1330 | | | .3 | | 0.001L | | | | | | | | | |
| 03 07 76 1530 | | | .3 | | 0.001L | | | | | | | | | |
| 25 07 76 1015 | | | .3 | | 0.001L | | | | | | | | | |
| 16 08 76 1245 | | | .3 | | 0.001L | | | | | | | | | |

| | |
|--------------------|--------|
| MAXIMUM | 0.001 |
| AVG OR GEOM MN (*) | 0.001D |
| MINIMUM | 0.001 |
| NO OF SAMPLES | 5 |

B.O.W./ SITE: CHIPPEWA CREEK
SAMPLE POINT: AT MOUTH AMELIA PARK NORTH BAY
STATION TYPE: RIVER FLOW GAUGE FED 02DD014

STATION ID: 03-0133-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 19 LAT LONG U.T.M. 17 0618350.0 5128600.0 4 REGION 05 MILEAGE 133.70

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 29 03 76 1315 | | | .3 | | 15322 | 3 9 | 122.00 | 1000. | 100. | 100. | L | 3.0 | | |
| 26 04 76 1000 | | | .3 | | 15344 | 3 6 | 23.00 | 7000. | 200. | 16. | | 2.0 | | 1.2 |
| 04 07 76 1420 | | | .3 | | 15385 | 6 | 22.90 | 18000. | 1. | 272. | | 22.0 | | 2.4 |
| 24 07 76 1320 | | | .3 | | 15397 | 6 | 7.90 | 19000. | 1. | 16. | | 20.0 | | 1.1 |
| 26 09 76 1445 | | | .3 | | 15437 | 6 | 9.10 | 23000. | 1500. | 258. | | 14.0 | 8.0 | 1.6 |
| 17 10 76 1645 | | | .3 | | 15460 | 6 | 5.70 | 24000. | 284. | 600. | G | 7.0 | 10.0 | 0.6 |
| 21 11 76 1530 | | | .3 | | 15486 | 4 | 7.40 | 7000. | 770. | 90. | | 0.0 | 9.0 | 0.8 |
| 15 12 76 1330 | | | .3 | | 15506 | 4 | 6.10 | 16000E+1 | 2800. | 1600. | | 0.0 | 9.5 | 4.0 |

| | | | | | | | | | | |
|--------------------|--|--|--------|----------|-------|-------|---|------|------|-----|
| MAXIMUM | | | 122.00 | 16000E+1 | 2800. | 1600. | | 22.0 | 10.0 | 4.0 |
| AVG OR GEOM MN (*) | | | 25.51 | 14006.* | 108.* | 141.* | E | 8.5 | 9.1 | 1.7 |
| MINIMUM | | | 5.70 | 1000. | 1. | 16. | | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | 8 | 8 | 8 | 8 | | 8 | 4 | 7 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 29 03 76 1315 | | | .3 | | 0.056 | 0.013 | 0.450 | 1.13 | 0.013 | 0.392 | 174. | 15. | | |
| 26 04 76 1000 | | | .3 | | 0.110 | 0.011 | 0.152 | 1.060 | 0.024 | 0.216 | 202.0 | 43.0 | | |
| 04 07 76 1420 | | | .3 | | 0.058 | 0.019 | 0.204 | 0.860 | 0.042 | 0.398 | 209.0 | 7.2 | | |
| 24 07 76 1320 | | | .3 | | 0.045 | 0.014 | 0.284 | 0.880 | 0.016 | 0.419 | 201.0 | 5.6 | | |
| 26 09 76 1445 | | | .3 | | 0.024 | 0.024 | 0.370 | 0.550 | 0.010 | 0.375 | 197.0 | 2.1 | | |
| 17 10 76 1645 | | | .3 | | 0.023 | 0.005 | 0.216 | 0.520 | 0.009 | 0.561 | 238.0 | 6.8 | | |
| 21 11 76 1530 | | | .3 | | 0.298 | 0.090 | 1.300 | 2.380 | 0.011 | 0.449 | 445.0 | 145.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.298 | 0.090 | 1.300 | 2.380 | 0.042 | 0.561 | 445.0 | 145.0 |
| AVG OR GEOM MN (*) | 0.088 | 0.025 | 0.425 | 1.054 | 0.018 | 0.401 | 238.0 | 32.1 |
| MINIMUM | 0.023 | 0.005 | 0.152 | 0.520 | 0.009 | 0.216 | 174. | 2.1 |
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 26 04 76 1000 | | | .3 | | 245 | 4.3 | 45. | | | | | | | |
| 04 07 76 1420 | | | .3 | | 247 | 19.00 | 47.0 | | | | | | | |
| 24 07 76 1320 | | | .3 | | 310 | 4.00 | 60.0 | | | | | | | |
| 26 09 76 1445 | | | .3 | | 300 | 4.20 | 43.0 | | | | | | | |
| 17 10 76 1645 | | | .3 | | 300 | 3.50 | 53.0 | | | | | | | |
| 21 11 76 1530 | | | .3 | | 355 | 4.50 | 73.0 | | | | | | | |
| 15 12 76 1330 | | | .3 | | 485 | 5.50 | 130.0 | | | | | | | |

MAXIMUM 485 19.00 130.0
 AVG OR GEOM MN (*) 320 6.43 64.4
 MINIMUM 245 3.50 43.0
 NO OF SAMPLES 7 7 7

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 07 76 1420 | | | .3 | | 0.001L | | | | | | | | | |
| 24 07 76 1320 | | | .3 | | 0.001L | | | | | | | | | |
| 17 10 76 1645 | | | .3 | | 0.001L | | | | | | | | | |

MAXIMUM 0.001
 AVG OR GEOM MN (*) 0.001D
 MINIMUM 0.001
 NO OF SAMPLES 3

B.O.W./ SITE: SOUTH RIVER
 SAMPLE POINT: AT HIGHWAY NO 11 0.5 MILES NORTH OF SOUTH RIVER
 STATION TYPE: RIVER FLOW GAUGE FED 02DD009
 STATION ID: 03-0133-023-02
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER MAIN CHANNEL
 STORET CODE: 02
 002
 5430

STN NO 23 LAT LONG U.T.M. 17 0625800.0 5078250.0 4 REGION 05 MILEAGE 33.10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 28 03 76 1145 | | | .3 | | 15310 | 3 9 | 893.00 | 4. | 1. | 1. | | 3.0 | | 0.4 |
| 25 04 76 1000 | | | .3 | | 15334 | 3 6 | 216.00 | 10. | 4. | 1. | | 10.0 | | 0.8 |
| 24 05 76 1200 | | | .3 | | 15358 | 6 | 286.00 | 10. | 1. | 1. | | 10.0 | | 0.8 |
| 23 06 76 1015 | | | .3 | | 15368 | 6 | 149.00 | 20. | 1. | 1. | | 23.0 | | 0.2 |
| 14 07 76 1200 | | | .3 | | 15389 | | 168.00 | 20. | 1. | 4. | | | | 0.8 |
| 11 08 76 1220 | | | .3 | | 15410 | 6 | 69.10 | 400. | 1. | 1. | | 22.0 | | 0.8 |
| 27 09 76 1000 | | | .3 | | 15441 | 6 | 104.00 | 64. | 6. | 6. | | 11.0 | 8.0 | 0.6 |
| 18 10 76 1300 | | | .3 | | 15462 | 6 | 61.50 | 56. | 1. | 24. | | 7.0 | 7.0 | 0.4 |
| 17 11 76 1020 | | | .3 | | 15475 | 6 | 68.90 | 40. | 2. | 1. | | 5.0 | 10.0 | 0.7 |
| 12 12 76 1415 | | | .3 | | 15496 | 6 | 108.00 | 50. | 2. | L 2. | | 1.0 | 12.0 | 0.4 |

MAXIMUM 893.00 400. 6. 24.
 AVG OR GEOM MN (*) 212.35 29.* 2.* D 2.*
 MINIMUM 61.50 4. 1. 1.
 NO OF SAMPLES 10 10 10 10 9 4 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 03 76 1145 | | | .3 | | 0.009 | 0.001 | 0.070 | 0.290 | 0.004 | 0.406 | | | | |
| 25 04 76 1000 | | | .3 | | 0.010 | 0.002 | 0.002L | 0.280 | 0.019 | 0.122 | | 6.1 | | 33 |
| 24 05 76 1200 | | | .3 | | 0.012 | 0.003 | 0.014 | 0.310 | 0.004 | 0.066 | 33.0 | 3.7 | | |
| 23 06 76 1015 | | | .3 | | 0.017 | 0.002 | 0.012 | 0.350 | 0.003 | 0.017 | 36.0 | 3.1 | | |
| 14 07 76 1200 | | | .3 | | 0.750 | 0.002 | 0.016 | 0.370 | 0.003 | 0.022 | 36.0 | 2.5 | | |
| 11 08 76 1220 | | | .3 | | 0.011 | 0.001 | 0.004 | 0.350 | 0.002 | 0.008 | 32.0 | 2.9 | | |
| 27 09 76 1000 | | | .3 | | 0.020 | 0.002 | 0.017 | 0.260 | 0.002 | 0.013 | 40.0 | 6.9 | | |
| 18 10 76 1300 | | | .3 | | 0.015 | 0.002 | 0.020 | 0.300 | 0.002 | 0.033 | 43.0 | 7.0 | | |
| 17 11 76 1020 | | | .3 | | 0.009 | 0.004 | 0.022 | 0.230 | 0.003 | 0.062 | 48.0 | 2.0 | | |
| 12 12 76 1415 | | | .3 | | 0.007 | 0.001 | 0.050 | 0.260 | 0.004 | 0.081 | 34.0 | 1.2 | | |

MAXIMUM 0.750 0.004 0.070 0.370 0.019 0.406 48.0 7.0 33
 AVG OR GEOM MN (*) 0.086 0.002 0.023D 0.300 0.005 0.083 37.8 3.9 33
 MINIMUM 0.007 0.001 0.002 0.230 0.002 0.008 32.0 1.2 33
 NO OF SAMPLES 10 10 10 10 10 8 9 1

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 03 | 76 | 1145 | | | .3 | | 40 | 1.20 | 1.4 | | | | | | | |
| 25 | 04 | 76 | 1000 | | | .3 | | 50 | 1.7 | 4.3 | | | | | | | |
| 24 | 05 | 76 | 1200 | | | .3 | | 45 | 1.50 | 2.6 | | | | | | | |
| 23 | 06 | 76 | 1015 | | | .3 | | 48 | 2.00 | 2.0 | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 51 | 2.30 | 2.1 | | | | | | | |
| 11 | 08 | 76 | 1220 | | | .3 | | 47 | 1.50 | 1.4 | | | | | | | |
| 27 | 09 | 76 | 1000 | | | .3 | | 52 | 2.20 | 1.2 | | | | | | | |
| 18 | 10 | 76 | 1300 | | | .3 | | 54 | 3.00 | 2.3 | | | | | | | |
| 17 | 11 | 76 | 1020 | | | .3 | | 68 | 2.20 | 1.7 | | | | | | | |
| 12 | 12 | 76 | 1415 | | | .3 | | 52 | 1.10 | 1.4 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 68 | 3.00 | 4.3 |
| AVG OR GEOM MN (*) | 51 | 1.87 | 2.0 |
| MINIMUM | 40 | 1.10 | 1.2 |
| NO OF SAMPLES | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 04 | 76 | 1000 | | | .3 | | 0.001L | | | | | | | | | |
| 24 | 05 | 76 | 1200 | | | .3 | | 0.001L | | | | | | | | | |
| 23 | 06 | 76 | 1015 | | | .3 | | 0.001L | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.001L | | | | | | | | | |
| 18 | 10 | 76 | 1300 | | | .3 | | 0.001L | | | | | | | | | |

| | |
|--------------------|--------|
| MAXIMUM | 0.001 |
| AVG OR GEOM MN (*) | 0.0010 |
| MINIMUM | 0.001 |
| NO OF SAMPLES | 5 |

B.O.W./ SITE: LA VASE RIVER
SAMPLE POINT: AT MOUTH NORTH BAY
STATION TYPE: RIVER FLOW GAUGE FED 02DD013

STATION ID: 03-0133-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 24 LAT LONG U.T.M. 17 0621650.0 5122100.0 4 REGION 05 MILEAGE 0.20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 03 | 76 | 1330 | | | .3 | | 15323 | 6 | 447.00 | 400. | 10. L | 10. L | | 2.0 | | 1.8 |
| 26 | 04 | 76 | 1020 | | | .3 | | 15346 | 6 | 39.90 | 400. | 16. | 1. | | 3.0 | | 1.2 |
| 24 | 05 | 76 | 1045 | | | .3 | | 15356 | 6 | 32.40 | | | | | 10.0 | | 1.0 |
| 23 | 06 | 76 | 0915 | | | .3 | | 15366 | 5 9 | 4.30 | 72. | 4. | 4. | | 24.0 | | 1.2 |
| 14 | 07 | 76 | 1200 | | | .3 | | 15387 | | 13.80 | 200. | 1. | 4. | | | | 1.4 |
| 11 | 08 | 76 | 1110 | | | .3 | | 15408 | 7 | 2.60 | 100. | 1. | 16. | | 22.0 | | 1.4 |
| 27 | 09 | 76 | 0840 | | | .3 | | 15439 | 6 | 5.60 | 100. | 12. | 12. | | 11.0 | 7.0 | 1.2 |
| 17 | 10 | 76 | 1700 | | | .3 | | 15461 | | 4.70 | 190. | 1. | 1. | | | | 1.0 |
| 21 | 11 | 76 | 1600 | | | .3 | | 15487 | 6 | 14.20 | 1800. | 96. | 10. | | 0.0 | 7.0 | 0.4 |
| 15 | 12 | 76 | 1415 | | | .3 | | 15507 | 4 | 6.70 | 1200. | 92. | 14. | | 0.0 | 6.0 | 1.0 |

| | | | | | | | | |
|--------------------|--|--------|-------|-------|-------|------|-----|-----|
| MAXIMUM | | 447.00 | 1800. | 96. | 16. | 24.0 | 7.0 | 1.8 |
| AVG OR GEOM MN (*) | | 57.12 | 277.* | 7.* D | 5.* D | 9.0 | 6.7 | 1.2 |
| MINIMUM | | 2.60 | 72. | 1. | 1. | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | 10 | 9 | 9 | 9 | 8 | 3 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 03 | 76 | 1330 | | | .3 | | 0.070 | 0.011 | 0.154 | 0.610 | 0.010 | 0.380 | | | | |
| 26 | 04 | 76 | 1020 | | | .3 | | 0.038 | 0.006 | 0.190 | 0.980 | 0.024 | 0.456 | | 5.7 | | 72 |
| 24 | 05 | 76 | 1045 | | | .3 | | 0.050 | 0.007 | 0.142 | 0.460 | 0.009 | 0.391 | | 25.0 | | |
| 23 | 06 | 76 | 0915 | | | .3 | | 0.041 | 0.003 | 0.100 | 0.770 | 0.012 | 0.463 | 90.0 | 9.6 | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.056 | 0.013 | 0.092 | 0.940 | 0.028 | 0.672 | 109.0 | 4.9 | | |
| 11 | 08 | 76 | 1110 | | | .3 | | 0.037 | 0.004 | 0.048 | 0.670 | 0.005 | 0.565 | 101.0 | 10.0 | | |
| 27 | 09 | 76 | 0840 | | | .3 | | 0.036 | 0.006 | 0.087 | 0.720 | 0.035 | 1.110 | 113.0 | 6.2 | | |
| 17 | 10 | 76 | 1700 | | | .3 | | 0.030 | 0.005 | 0.294 | 0.770 | 0.023 | 1.230 | 106.0 | 12.0 | | |
| 21 | 11 | 76 | 1600 | | | .3 | | 0.038 | 0.009 | 0.356 | 1.070 | 0.016 | 0.994 | 129.0 | 5.4 | | |
| 15 | 12 | 76 | 1415 | | | .3 | | 0.052 | 0.014 | 0.600 | 1.260 | 0.012 | 0.996 | 134.0 | 14.0 | | |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|------|----|
| MAXIMUM | 0.070 | 0.014 | 0.600 | 1.260 | 0.035 | 1.230 | 134.0 | 25.0 | 72 |
| AVG OR GEOM MN (*) | 0.045 | 0.008 | 0.206 | 0.825 | 0.017 | 0.746 | 108.8 | 10.3 | 72 |
| MINIMUM | 0.030 | 0.003 | 0.048 | 0.460 | 0.005 | 0.380 | 88.0 | 4.9 | 72 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 9 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 03 | 76 | 1330 | | | .3 | | 65 | 14.00 | 7.5 | | | | | | | |
| 26 | 04 | 76 | 1020 | | | .3 | | 110 | 7.3 | 12.5 | | | | | | | |
| 24 | 05 | 76 | 1045 | | | .3 | | 100 | 9.30 | 11.0 | | | | | | | |
| 23 | 06 | 76 | 0915 | | | .3 | | 118 | 5.50 | 9.3 | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 160 | 8.60 | 19.0 | | | | | | | |
| 11 | 08 | 76 | 1110 | | | .3 | | 138 | 7.70 | 17.0 | | | | | | | |
| 27 | 09 | 76 | 0840 | | | .3 | | 165 | 6.40 | 17.0 | | | | | | | |
| 17 | 10 | 76 | 1700 | | | .3 | | 145 | 5.40 | 12.5 | | | | | | | |
| 21 | 11 | 76 | 1600 | | | .3 | | 190 | 6.00 | 24.5 | | | | | | | |
| 15 | 12 | 76 | 1415 | | | .3 | | 185 | 9.50 | 23.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 190 | 14.00 | 24.5 |
| AVG OR GEOM MN (*) | 138 | 7.97 | 15.4 |
| MINIMUM | 65 | 5.40 | 7.5 |
| NO OF SAMPLES | 10 | 10 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 04 | 76 | 1020 | | | .3 | | 0.001L | | | | | | | | | |
| 24 | 05 | 76 | 1045 | | | .3 | | 0.001 | | | | | | | | | |
| 23 | 06 | 76 | 0915 | | | .3 | | 0.001L | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.001L | | | | | | | | | |
| 17 | 10 | 76 | 1700 | | | .3 | | 0.001L | | | | | | | | | |

| | |
|--------------------|--------|
| MAXIMUM | 0.001 |
| AVG OR GEOM MN (*) | 0.001D |
| MINIMUM | 0.001 |
| NO OF SAMPLES | 5 |

B.O.W./ SITE: CHIPPEWA CREEK
SAMPLE POINT: AT GOLF CLUB ROAD NORTH BAY
STATION TYPE: RIVER

STATION ID: 03-0133-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 25 LAT LONG U.T.M. 17 0619250.0 5133300.0 4 REGION 05 MILEAGE 136.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 03 | 76 | 0930 | | | .3 | | 15300 | 3 6 | | | | | | 3.0 | | |
| 26 | 04 | 76 | 1100 | | | .3 | | 15338 | 3 6 | | 170. | 1. | 4. | | 2.0 | | 0.8 |
| 24 | 05 | 76 | 1445 | | | .3 | | 15362 | 9 5 | | 260. | 1. | 4. | | 8.0 | | 0.8 |
| 23 | 06 | 76 | 1300 | | | .3 | | 15372 | 6 | | 172. | 8. | 56. | | 21.0 | | 0.6 |
| 14 | 07 | 76 | 1200 | | | .3 | | 15393 | | | 1600. | 1. | 48. | | | | 1.4 |
| 11 | 08 | 76 | 1550 | | | .3 | | 15414 | 6 | | 590. | 1. | 4. | | 22.0 | | 0.8 |
| 27 | 09 | 76 | 1350 | | | .3 | | 15445 | 6 | | 190. | 24. | 24. | | 11.0 | 6.0 | 0.6 |
| 18 | 10 | 76 | 0430 | | | .3 | | 15466 | 6 | | 190. | 1. | 10. | | 4.0 | 7.5 | 1.2 |
| 17 | 11 | 76 | 0900 | | | .3 | | 15479 | 6 | | 470. | 1. | 1. | | 3.0 | 9.0 | 0.6 |
| 12 | 12 | 76 | 1800 | | | .3 | | 15500 | 4 | | 3100. | 2. | 6. | | 0.0 | 12.0 | 0.8 |

| | | | | | | |
|--------------------|-------|-----|-----|------|------|-----|
| MAXIMUM | 3100. | 24. | 56. | 22.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | 417.* | 2.* | 9.* | 8.2 | 8.6 | 0.8 |
| MINIMUM | 170. | 1. | 1. | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 4 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 03 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 26 | 04 | 76 | 1100 | | | .3 | | 0.050 | 0.002 | 0.590 | 1.110 | 0.011 | 0.334 | 102. | 24. | | |
| 24 | 05 | 76 | 1445 | | | .3 | | 0.028 | | | 0.810 | | | 91.0 | 16.0 | | |
| 23 | 06 | 76 | 1300 | | | .3 | | 0.045 | 0.003 | 0.140 | 0.730 | 0.017 | 0.243 | 134.0 | 46.0 | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.034 | 0.004 | 0.066 | 0.540 | 0.015 | 0.340 | 101.0 | 23.0 | | |
| 11 | 08 | 76 | 1550 | | | .3 | | 0.006 | 0.003 | 0.004 | 0.490 | 0.001 | 0.243 | 67.0 | 1.7 | | |
| 27 | 09 | 76 | 1350 | | | .3 | | 0.016 | 0.003 | 0.068 | 0.420 | 0.005 | 0.345 | 108.0 | 3.5 | | |
| 18 | 10 | 76 | 0430 | | | .3 | | 0.008 | 0.003 | 0.086 | 0.390 | 0.005 | 0.470 | 256.0 | 145.0 | | |
| 17 | 11 | 76 | 0900 | | | .3 | | 0.009 | 0.003 | 0.134 | 0.440 | 0.005 | 0.360 | 102.0 | 1.4 | | |
| 12 | 12 | 76 | 1800 | | | .3 | | 0.072 | 0.001 | 0.212 | 0.320 | 0.005 | 0.245 | 132.0 | 38.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.072 | 0.004 | 0.590 | 1.110 | 0.017 | 0.470 | 256.0 | 145.0 |
| AVG OR GEOM MN (*) | 0.030 | 0.003 | 0.163 | 0.583 | 0.008 | 0.323 | 121.4 | 33.2 |
| MINIMUM | 0.006 | 0.001 | 0.004 | 0.320 | 0.001 | 0.243 | 67.0 | 1.4 |
| NO OF SAMPLES | 9 | 8 | 8 | 9 | 8 | 8 | 9 | 9 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 03 | 76 | 0930 | | | .3 | | 135 | | | | | | | | | |
| 26 | 04 | 76 | 1100 | | | .3 | | 120 | 4. | 13. | | | | | | | |
| 24 | 05 | 76 | 1445 | | | .3 | | 115 | 2.00 | 14.5 | | | | | | | |
| 23 | 06 | 76 | 1300 | | | .3 | | 133 | 4.40 | 15.5 | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 119 | 4.70 | 1.7 | | | | | | | |
| 11 | 08 | 76 | 1550 | | | .3 | | 102 | 4.00 | 3.3 | | | | | | | |
| 27 | 09 | 76 | 1350 | | | .3 | | 160 | 4.00 | 18.0 | | | | | | | |
| 18 | 10 | 76 | 0430 | | | .3 | | 170 | 6.00 | 21.5 | | | | | | | |
| 17 | 11 | 76 | 0900 | | | .3 | | 155 | 3.20 | 17.0 | | | | | | | |
| 12 | 12 | 76 | 1800 | | | .3 | | 144 | 4.40 | 15.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 170 | 6.00 | 21.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 135 | 4.08 | 13.3 | | | | | | | |
| MINIMUM | | | | | | | | 102 | 2.00 | 1.7 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 9 | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 04 | 76 | 1100 | | | .3 | | | | | | | 0.010L | | | | |
| 24 | 05 | 76 | 1445 | | | .3 | 0.001L | | | | | | | | | | |
| 23 | 06 | 76 | 1300 | | | .3 | 0.001L | | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | 0.001L | | | | | | | | | | |
| 18 | 10 | 76 | 0430 | | | .3 | 0.001L | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | | | 0.010 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | | | 0.010D | | | | |
| MINIMUM | | | | | | | | 0.001 | | | | | 0.010 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | | | | | 1 | | | | |

B.O.W./ SITE: PARKS CREEK
SAMPLE POINT: AT LAKESHORE DRIVE NORTH BAY
STATION TYPE: RIVER

STATION ID: 03-0133-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER MAIN CHANNEL

STORET CODE: 02
002
5430

STN NO 26 LAT LONG U.T.M. 17 0619800.0 5125700.0 4 REGION 05 MILEAGE 0.10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 03 | 76 | 1400 | | | .3 | | 15324 | 3 9 | | 240. | 1. | 8. | | 2.0 | | 1.0 |
| 26 | 04 | 76 | 1010 | | | .3 | | 15345 | 3 6 | | 150. | 1. | 12. | | 3.0 | | 0.6 |
| MAXIMUM | | | | | | | | | | | 240. | 1. | 12. | | 3.0 | | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 190.* | 1.* | 10.* | | 2.5 | | 0.8 |
| MINIMUM | | | | | | | | | | | 150. | 1. | 8. | | 2.0 | | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 2 | 2 | | 2 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJLDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 03 | 76 | 1400 | | | .3 | | 0.041 | 0.005 | 0.238 | 0.630 | 0.010 | 0.225 | | | | |
| 26 | 04 | 76 | 1010 | | | .3 | | 0.028 | 0.002 | 0.002L | 0.270 | 0.006 | 0.005L | | 2.2 | | 98 |
| MAXIMUM | | | | | | | | 0.041 | 0.005 | 0.238 | 0.630 | 0.010 | 0.225 | | 2.2 | | 98 |
| AVG OR GEOM MN (*) | | | | | | | | 0.035 | 0.004 | 0.120D | 0.450 | 0.008 | 0.115D | | 2.2 | | 98 |
| MINIMUM | | | | | | | | 0.028 | 0.002 | 0.002 | 0.270 | 0.006 | 0.005 | | 2.2 | | 98 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | 1 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 03 | 76 | 1400 | | | .3 | | 130 | 2.00 | 22.0 | | | | | | | |
| 26 | 04 | 76 | 1010 | | | .3 | | 150 | 2.5 | 22. | | | | | | | |
| MAXIMUM | | | | | | | | 150 | 2.5 | 22.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 140 | 2.25 | 22.0 | | | | | | | |
| MINIMUM | | | | | | | | 130 | 2.00 | 22.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: WANAPITEI RIVER
 SAMPLE POINT: AT BRIDGE IN ST. CLOUD
 STATION TYPE: RIVER FLOW GAUGE FED 02DB005

STATION ID: 03-0134-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
 002
 5500

| STN NO | 1 | LAT | LONG | U.T.M. 17 0515315.0 5137800.0 4 | REGION 05 | MILEAGE | 45.20 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|-------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 18 01 76 1700 | | | .3 | | 16419 | 4 6 8 | 1030.00 | | | | | 0.0 | 11.0 | 0.4 |
| 07 02 76 1640 | | | .3 | | 16455 | 4 6 8 | 1270.00 | 28. | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 06 03 76 1710 | | | .3 | | 16496 | 4 6 8 | 1360.00 | 330. | 1. | 8. | | 0.0 | 11.0 | 0.8 |
| 04 04 76 1615 | | | .3 | | 16543 | 3 6 8 | 3180.00 | | | | | 0.0 | 10.0 | 1.2 |
| 28 04 76 1230 | | | .3 | | 16566 | 8 6 | 3140.00 | | | | | 2.0 | 12.0 | 0.2 |
| 28 05 76 0900 | | | .3 | | 16605 | 6 8 | 2960.00 | 10. L | 1. | 1. | | 6.0 | 11.0 | 0.4 |
| 27 06 76 0830 | | | .3 | | 16649 | 6 8 | 915.00 | 30. | | 1. | | 11.0 | 12.0 | 0.4 |
| 07 08 76 0905 | | | .3 | | 16666 | 9 6 8 | 403.00 | 100. | | 1. | | 18.0 | 12.0 | 0.6 |
| 05 09 76 2030 | | | .3 | | 16711 | 6 8 9 | 335.00 | | | | | 16.0 | 12.0 | 1.0 |
| 10 10 76 1520 | | | .3 | | 16750 | 6 8 | 1040.00 | 10. | 1. | 2. | | 4.0 | 11.0 | 1.2 |
| 07 11 76 0830 | | | .3 | | 16785 | 6 8 | 639.00 | 8. | 1. | 6. | | 1.0 | 12.0 | 1.4 |
| 12 12 76 0915 | | | .3 | | 16840 | 4 6 8 | 930.00 | 44. | 2. | 2. L | | 0.0 | 12.0 | 0.2 |
| MAXIMUM | | | | | | | 3180.00 | 330. | 2. | 8. | | 18.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | 1433.50 | 32.* D | 1.* | 2.* D | | 4.8 | 11.5 | 0.7 |
| MINIMUM | | | | | | | 335.00 | 8. | 1. | 1. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | 12 | 8 | 6 | 8 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 18 01 76 1700 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.220 | 0.002 | 0.230 | | | | |
| 07 02 76 1640 | | | .3 | | 0.014 | 0.001 | 0.020 | 0.300 | 0.002 | 0.238 | | | | |
| 06 03 76 1710 | | | .3 | | 0.005 | 0.002 | 0.024 | 0.200 | 0.002 | 0.283 | | | | |
| 04 04 76 1615 | | | .3 | | 0.034 | 0.002 | 0.118 | 0.600 | 0.004 | 0.296 | | | | |
| 28 04 76 1230 | | | .3 | | 0.025 | 0.002 | 0.012 | 0.240 | 0.002 | 0.173 | 71.0 | 16.0 | | |
| 28 05 76 0900 | | | .3 | | 0.007 | 0.002 | 0.010 | 0.170 | 0.002 | 0.123 | 57.0 | 11.0 | | |
| 27 06 76 0830 | | | .3 | | 0.014 | 0.001 | 0.008 | 0.350 | 0.001 | 0.199 | 71.0 | 16.0 | | |
| 07 08 76 0905 | | | .3 | | 0.050 | 0.012 | 0.036 | 0.360 | 0.004 | 0.086 | 72.0 | 50.0 | | |
| 05 09 76 2030 | | | .3 | | 0.020 | 0.001 | 0.040 | 0.390 | 0.002 | 0.033 | 81.0 | 16.0 | | |
| 10 10 76 1520 | | | .3 | | 0.013 | 0.002 | 0.008 | 0.260 | 0.001 | 0.144 | 95.0 | 4.3 | | |
| 07 11 76 0830 | | | .3 | | 0.006 | 0.002 | 0.024 | 0.310 | 0.001 | 0.144 | 78.0 | 2.8 | | |
| 12 12 76 0915 | | | .3 | | 0.008 | 0.002 | 0.022 | 0.130 | 0.003 | 0.117 | 63.0 | 3.7 | | |
| MAXIMUM | | | | | 0.050 | 0.012 | 0.118 | 0.600 | 0.004 | 0.296 | 95.0 | 50.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.017 | 0.003 | 0.028 | 0.294 | 0.002 | 0.172 | 73.5 | 15.0 | | |
| MINIMUM | | | | | 0.005 | 0.001 | 0.008 | 0.130 | 0.001 | 0.033 | 57.0 | 2.8 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 01 76 1700 | | | .3 | | 90 | 1.00 | 0.8 | 20.0 | | | | | 6.60 | |
| 07 02 76 1640 | | | .3 | | 88 | 0.75 | 1.0 | 18.5 | | | | | 7.20 | |
| 06 03 76 1710 | | | .3 | | 96 | 1.20 | 1.2 | 22.0 | | | | | 7.40 | |
| 04 04 76 1615 | | | .3 | | 95 | 20.00 | 4.3 | 24.0 | | | | | 6.70 | |
| 28 04 76 1230 | | | .3 | | 85 | 3.70 | 1.0 | 17.5 | | | | | | |
| 28 05 76 0900 | | | .3 | | 70 | 3.10 | 0.7 | 17.0 | | | | | | |
| 27 06 76 0830 | | | .3 | | 84 | 4.00 | 1.3 | 21.5 | | | | | | |
| 07 08 76 0905 | | | .3 | | 112 | 37.00 | 2.0 | | | | | | | |
| 05 09 76 2030 | | | .3 | | 100 | 8.00 | 1.4 | 21.5 | | | | | | |
| 10 10 76 1520 | | | .3 | | 138 | 3.20 | 27.5 | 32.5 | | | | | | |
| 07 11 76 0830 | | | .3 | | 114 | 2.00 | 2.4 | 28.5 | | | | | | |
| 12 12 76 0915 | | | .3 | | 92 | 1.80 | 0.9 | | | | | | | |
| MAXIMUM | | | | | 138 | 37.00 | 27.5 | 32.5 | | | | | 7.40 | |
| AVG OR GEOM MN (*) | | | | | 97 | 7.15 | 3.7 | 22.3 | | | | | 6.98 | |
| MINIMUM | | | | | 70 | 0.75 | 0.7 | 17.0 | | | | | 6.60 | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 10 | | | | 4 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 18 01 76 1700 | | | .3 | | | | | | | | | | | |
| 07 02 76 1640 | | | .3 | | | | | | | | | | | |
| 06 03 76 1710 | | | .3 | | | | | | | | | | | |
| 04 04 76 1615 | | | .3 | | | | | | | | | | | |
| 28 04 76 1230 | | | .3 | | 1.0L | | | | | | | | | |
| 28 05 76 0900 | | | .3 | | | | | | | | | | | |
| 27 06 76 0830 | | | .3 | | 1.0 | | | | | | | | | |
| 07 08 76 0905 | | | .3 | | | | | | | | | | | |
| 05 09 76 2030 | | | .3 | | 1.0L | | | | | | | | | |
| 10 10 76 1520 | | | .3 | | 1.0 | | | | | | | | | |
| 07 11 76 0830 | | | .3 | | 3.0 | | | | | | | | | |
| 12 12 76 0915 | | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | | 3.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.3D | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 6 | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 01 | 76 | 1700 | | | .3 | | | | | 0.020L | 0.010 | 0.010L | | 0.010 | | 0.050 |
| 07 | 02 | 76 | 1640 | | | .3 | | | | | 0.020L | 0.010 | 0.010L | | 0.020 | | 0.040 |
| 06 | 03 | 76 | 1710 | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.040L | | 0.080 |
| 04 | 04 | 76 | 1615 | | | .3 | | | | | 0.020L | 0.050 | 0.010L | | 0.110 | | 0.300 |
| 28 | 05 | 76 | 0900 | | | .3 | 0.002 | | | | 0.010L | 0.040 | 0.010L | | 0.070 | | 0.040 |
| 27 | 06 | 76 | 0830 | | | .3 | 0.002 | | | | 0.020 | 0.040 | 0.010L | | 0.190 | | 0.070 |
| 05 | 09 | 76 | 2030 | | | .3 | 0.002 | | | | | | | | | | |
| 10 | 10 | 76 | 1520 | | | .3 | 0.001L | | | | 0.010 | 0.060 | 0.010L | | 0.010L | | 0.210 |
| 07 | 11 | 76 | 0830 | | | .3 | 0.001 | | | | 0.010L | 0.040 | 0.010L | | 0.040 | | 0.160 |
| 12 | 12 | 76 | 0915 | | | .3 | 0.001L | | | | 0.020L | 0.040 | 0.010L | | 0.040 | | 0.050 |
| MAXIMUM | | | | | | | | 0.002 | | | 0.020 | 0.060 | 0.010 | | 0.190 | | 0.300 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0020 | | | 0.0170 | 0.034 | 0.0100 | | 0.0590 | | 0.111 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.040 |
| NO OF SAMPLES | | | | | | | | 6 | | | 9 | 9 | 9 | | 9 | | 9 |

B.O.W./ SITE: WANAPITEI RIVER
SAMPLE POINT: HIGHWAY 17 IN WAHNAPIITAE
STATION TYPE: RIVER

STATION ID: 03-0134-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

| STN NO | 2 | LAT | LONG | U.T.M. 17 0516700.0 5147999.0 4 | REGION 05 | MILEAGE | 55.20 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 01 | 76 | 1615 | | | .3 | | 16441 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.4 |
| 22 | 02 | 76 | 1330 | | | .3 | | 16482 | 4 6 8 | | | | | | 0.0 | 12.0 | |
| 21 | 03 | 76 | 1320 | | | .3 | | 16523 | 4 6 8 | | 20. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 25 | 04 | 76 | 1505 | | | .3 | | 16565 | 3 6 8 | | 4. | 1. | 1. | | 2.0 | 11.0 | 0.2 |
| 24 | 05 | 76 | 1425 | | | .3 | | 16604 | 6 8 | | 208. | 1. | 1. | | 5.0 | 11.0 | 0.2 |
| 21 | 06 | 76 | 1800 | | | .3 | | 16631 | 6 8 | | 20. | | 1. | | 10.0 | 10.0 | 0.2 |
| 15 | 08 | 76 | 1330 | | | .3 | | 16699 | 6 8 | | 40. | | 1. | | 17.0 | 11.0 | 0.6 |
| 17 | 10 | 76 | 1305 | | | .3 | | 16782 | 6 8 | | 24. | 1. | 1. | | 2.0 | 12.0 | 0.6 |
| 14 | 11 | 76 | 1340 | | | .3 | | 16830 | 6 8 | | 232. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 19 | 12 | 76 | 1310 | | | .3 | | 16874 | | | 12. | 2. L | 2. L | | | | 2.0 |
| MAXIMUM | | | | | | | | | | | 232. | 2. | 2. | | 17.0 | 12.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 31.* | 1.* D | 1.* D | | 4.0 | 11.4 | 0.6 |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 6 | 8 | | 9 | 9 | 9 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 | 01 | 76 | 1615 | | | .3 | | 0.004 | 0.001L | 0.110 | 0.390 | 0.002 | 0.020 | | | | |
| 22 | 02 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 21 | 03 | 76 | 1320 | | | .3 | | 0.006 | 0.001 | 0.016 | 0.160 | 0.002 | 0.200 | | | | |
| 25 | 04 | 76 | 1505 | | | .3 | | | | | | | | 64.0 | 12.0 | | |
| 24 | 05 | 76 | 1425 | | | .3 | | 0.010 | 0.005 | 0.016 | 0.190 | 0.002 | 43.800 | 94.0 | 2.3 | | |
| 21 | 06 | 76 | 1800 | | | .3 | | 0.011 | 0.002 | 0.008 | 0.250 | 0.001 | 0.079 | 58.0 | 2.6 | | |
| 15 | 08 | 76 | 1330 | | | .3 | | 0.010 | 0.002 | 0.028 | 0.250 | 0.002 | 0.073 | 85.0 | 3.7 | | |
| 17 | 10 | 76 | 1305 | | | .3 | | 0.004 | 0.001 | 0.006 | 0.170 | 0.002 | 0.108 | 65.0 | 2.5 | | |
| 14 | 11 | 76 | 1340 | | | .3 | | 0.005 | 0.002 | 0.010 | 0.150 | 0.002 | 0.053 | 73.0 | 4.5 | | |
| 19 | 12 | 76 | 1310 | | | .3 | | 0.009 | 0.005 | 0.094 | 0.790 | 0.010 | 0.160 | 68.0 | 2.7 | | |
| MAXIMUM | | | | | | | | 0.011 | 0.005 | 0.110 | 0.790 | 0.010 | 43.800 | 94.0 | 12.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.007 | 0.0020 | 0.036 | 0.294 | 0.003 | 5.562 | 72.4 | 4.3 | | |
| MINIMUM | | | | | | | | 0.004 | 0.001 | 0.006 | 0.150 | 0.001 | 0.020 | 58.0 | 2.3 | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 | 01 | 76 | 1615 | | | .3 | | 115 | 6.00 | 0.9 | 21.0 | | | | | 7.40 | |
| 21 | 03 | 76 | 1320 | | | .3 | | 105 | 0.80 | 1.6 | 23.0 | | | | | 7.60 | |
| 25 | 04 | 76 | 1505 | | | .3 | | 80 | 3.60 | 0.7 | 16.0 | | | | | | |
| 24 | 05 | 76 | 1425 | | | .3 | | 625 | 8.50 | 0.6 | 17.5 | | | | | | |
| 21 | 06 | 76 | 1800 | | | .3 | | 86 | 2.50 | 0.7 | 20.0 | | | | | | |
| 15 | 08 | 76 | 1330 | | | .3 | | 127 | 2.20 | 2.6 | 31.0 | | | | | | |
| 17 | 10 | 76 | 1305 | | | .3 | | 93 | 1.60 | 0.6 | | | | | | | |
| 14 | 11 | 76 | 1340 | | | .3 | | 106 | 2.40 | 1.0 | 25.0 | | | | | | |
| 19 | 12 | 76 | 1310 | | | .3 | | 98 | 2.00 | 2.6 | 20.5 | | | | | | |
| MAXIMUM | | | | | | | | 625 | 8.50 | 2.6 | 31.0 | | | | | 7.60 | |
| AVG OR GEOM MN (*) | | | | | | | | 159 | 3.29 | 1.3 | 21.8 | | | | | 7.50 | |
| MINIMUM | | | | | | | | 80 | 0.80 | 0.6 | 16.0 | | | | | 7.40 | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 8 | | | | 2 | | |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----------|----|---------|----------|---------|----------|--------|----------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 25 01 76 1615 | | .3 | | | | | | | | | | | |
| 21 03 76 1320 | | .3 | | | | | | | | | | | |
| 25 04 76 1505 | | .3 | | 1.0L | | | | | | | | | |
| 24 05 76 1425 | | .3 | | 1.0L | | | | | | | | | |
| 21 06 76 1800 | | .3 | | 1.0 | | | | | | | | | |
| 15 08 76 1330 | | .3 | | 1.0L | | | | | | | | | |
| 17 10 76 1305 | | .3 | | 1.0L | | | | | | | | 21 | |
| 14 11 76 1340 | | .3 | | 3.0 | | | | | | | | | |
| 19 12 76 1310 | | .3 | | 1.0 | | | | | | | | | |

| | | | | |
|--------------------|---------|------|--|----|
| | MAXIMUM | 3.0 | | 21 |
| AVG OR GEOM MN (*) | | 1.3D | | 21 |
| MINIMUM | | 1.0 | | 21 |
| NO OF SAMPLES | | 7 | | 1 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|---------|-----------|----|---------|---------|-----------|----------|--------|--------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | MTRS | | ARSENIC | MERCURY | ALUMINIUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 1615 | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.010L | | 0.030 |
| 22 02 76 1330 | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.030 | | 0.040 |
| 21 03 76 1320 | | .3 | | | | | 0.02 L | 0.02 L | 0.01 L | | 0.04 | | 0.04 |
| 25 04 76 1505 | | .3 | | 0.001L | | | 0.020 | 0.020L | 0.010L | | 0.010 | | 0.030 |
| 24 05 76 1425 | | .3 | | 0.001L | | | 0.020L | 0.020 | 0.010 | | 0.010L | | 0.030 |
| 21 06 76 1800 | | .3 | | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.060 | | 0.020 |
| 14 11 76 1340 | | .3 | | 0.001 | | | 0.010L | 0.030 | 0.010L | | 0.020 | | 0.040 |
| 19 12 76 1310 | | .3 | | 0.001 | | | 0.010L | 0.080 | 0.010L | | 0.020 | | 0.030 |
| | MAXIMUM | | | 0.001 | | | 0.020 | 0.080 | 0.010 | | 0.060 | | 0.040 |
| AVG OR GEOM MN (*) | | | | 0.001D | | | 0.016D | 0.026D | 0.010D | | 0.025D | | 0.033 |
| MINIMUM | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.020 |
| NO OF SAMPLES | | | | 5 | | | 8 | 8 | 8 | | 8 | | 8 |

B.O.W./ SITE: EMERY CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER WANNAPITAE
STATION TYPE: RIVER FLOW GAUGE MOE 020B101

STATION ID: 03-0134-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO 3 LAT LONG U.T.M. 17 0519400.0 5152750.0 4 REGION 05 MILEAGE 59.50

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|---------|-----------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 11 09 76 1440 | | .3 | | 16738 | 6 8 | | | | | | | | 0.4 |
| | MAXIMUM | | | | | | | | | | | | 0.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | 0.4 |
| MINIMUM | | | | | | | | | | | | | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | 1 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|---------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 11 09 76 1440 | | .3 | | 0.015 | 0.002 | 0.018 | 0.320 | 0.002 | 0.243 | 127.0 | 16.0 | | |
| | MAXIMUM | | | 0.015 | 0.002 | 0.018 | 0.320 | 0.002 | 0.243 | 127.0 | 16.0 | | |
| AVG OR GEOM MN (*) | | | | 0.015 | 0.002 | 0.018 | 0.320 | 0.002 | 0.243 | 127.0 | 16.0 | | |
| MINIMUM | | | | 0.015 | 0.002 | 0.018 | 0.320 | 0.002 | 0.243 | 127.0 | 16.0 | | |
| NO OF SAMPLES | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|---------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 11 09 76 1440 | | .3 | | 170 | 5.00 | 4.7 | 47.5 | | | | | | |
| | MAXIMUM | | | 170 | 5.00 | 4.7 | 47.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | 170 | 5.00 | 4.7 | 47.5 | | | | | | |
| MINIMUM | | | | 170 | 5.00 | 4.7 | 47.5 | | | | | | |
| NO OF SAMPLES | | | | 1 | 1 | 1 | 1 | | | | | | |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|---------|-----------|----|---------|----------|---------|----------|--------|----------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 11 09 76 1440 | | .3 | | 1.0 | | | | | | | | | |
| | MAXIMUM | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | 1.0 | | | | | | | | | |
| MINIMUM | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | 1 | | | | | | | | | |

| | | | | | | | |
|---------------|---------------------|-----|------|--------------|---------------------------|-------------|-----------------|
| B.O.W./ SITE: | CONISTON CREEK | | | | | STATION ID: | 03-0134-005-02 |
| SAMPLE POINT: | HIGHWAY 17 CONISTON | | | | | | |
| STATION TYPE: | RIVER | | | | | | |
| | | | | MAJOR BASIN: | GREAT LAKES | | STORET CODE: 02 |
| | | | | MINOR BASIN: | LAKE HURON | | 002 |
| | | | | TERM STREAM: | FRENCH RIVER WEST CHANNEL | | 5500 |
| STN NO | 5 | LAT | LONG | U.T.M. | 17 0512100.0 5148750.0 4 | REGION 05 | MILEAGE 55.00 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P | 34 FILTERED REACTIVE | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|--------------------|-----------|----------|-------------|------------|---------------|----|------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| | | | FEET | | MTRS | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 | 04 | 76 | 1250 | | .3 | | 0.024 | 0.005 | 0.046 | 0.350 | 0.003 | 0.307 | | 8.6 | | 163 |
| 24 | 05 | 76 | 1205 | | .3 | | 0.025 | 0.013 | 0.018 | 0.350 | 0.002 | 17.600 | 250.0 | 4.5 | | |
| 21 | 06 | 76 | 1555 | | .3 | | 0.018 | 0.001L | 0.027 | 0.600 | 0.002 | 0.005L | 234.0 | 2.7 | | |
| 15 | 08 | 76 | 1125 | | .3 | | 0.024 | 0.003 | 0.022 | 0.520 | 0.012 | 0.732 | 226.0 | 11.0 | | |
| 11 | 09 | 76 | 1240 | | .3 | | 0.146 | 0.005 | 0.028 | 0.700 | 0.005 | 1.390 | 491.0 | 325.0 | | |
| 17 | 10 | 76 | 1115 | | .3 | | 0.008 | 0.001L | 0.014 | 0.210 | 0.002 | 0.073 | 311.0 | 3.1 | | |
| 14 | 11 | 76 | 1145 | | .3 | | 0.025 | 0.001 | 0.064 | 0.300 | 0.003 | 0.322 | 350.0 | 3.5 | | |
| 19 | 12 | 76 | 1250 | | .3 | | 0.009 | 0.002 | 0.122 | 0.380 | 0.012 | 1.000 | 329.0 | 3.3 | | |
| MAXIMUM | | | | | | | 0.146 | 0.013 | 0.122 | 0.700 | 0.012 | 17.600 | 491.0 | 325.0 | | 163 |
| AVG OR GEOM MN (*) | | | | | | | 0.035 | 0.004D | 0.043 | 0.426 | 0.005 | 2.679D | 313.0 | 45.2 | | 163 |
| MINIMUM | | | | | | | 0.008 | 0.001 | 0.014 | 0.210 | 0.002 | 0.005 | 226.0 | 2.7 | | 163 |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | | 1 |

| SAMP ID | DTE MO YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|--------------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 04 | 76 | 1250 | | .3 | | 0.002 | | | 0.020 | 0.050 | 0.010L | | | | |
| 24 | 05 | 76 | 1205 | | .3 | | | | | 0.020L | 0.050 | 0.010L | | 0.050 | | 0.920 |
| 21 | 06 | 76 | 1555 | | .3 | | 0.002 | | | 0.010L | 0.040 | 0.010L | | 0.050 | | 0.750 |
| 11 | 09 | 76 | 1240 | | .3 | | 0.005 | | | 0.020 | 0.260 | 0.010L | | 0.080 | | 0.250 |
| 17 | 10 | 76 | 1115 | | .3 | | 0.001L | | | 0.020 | 0.060 | 0.010L | | 0.040 | | 1.500 |
| 14 | 11 | 76 | 1145 | | .3 | | 0.001L | | | 0.020 | 0.060 | 0.010L | | 0.050 | | 1.200 |
| 19 | 12 | 76 | 1250 | | .3 | | 0.001 | | | 0.010L | 0.100 | 0.010L | | 0.060 | | 0.680 |
| | | | | | | | | | | | | | | | | 0.870 |
| | | | | | | | 0.005 | | | 0.020 | 0.260 | 0.010 | | 0.080 | | 1.500 |
| | | | | | | | 0.0020 | | | 0.0170 | 0.089 | 0.0100 | | 0.053 | | 0.881 |
| | | | | | | | 0.001 | | | 0.010 | 0.040 | 0.010 | | 0.040 | | 0.250 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | NO OF SAMPLES | 6 | | 7 | 7 | 7 | | 7 | | 7 |

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: UPSTREAM FROM WANAPITEI RIVER CONISTON
STATION TYPE: RIVER

STATION ID: 03-0134-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

| STN NO | 6 | LAT | LONG | U.T.M. 17 0513700.0 5146600.0 4 | REGION 05 | MILEAGE | 52.80 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 04 76 1425 | | | .3 | | 16564 | 3 6 8 | | 4. | 1. | 1. | | 2.0 | 9.0 | 1.8 |
| 24 05 76 1340 | | | .3 | | 16603 | 6 8 | | 1. | 1. | 1. | | 6.0 | 9.0 | 0.4 |
| 21 06 76 1725 | | | .3 | | 16630 | 6 8 | | 30. | | 4. | | 12.0 | 8.0 | 0.2 |
| 15 08 76 1300 | | | .3 | | 16698 | 6 8 | | 160. | | 1. | | 18.0 | 9.0 | 1.4 |
| 11 09 76 1410 | | | .3 | | 16737 | 6 8 | | | | | | 15.0 | 9.0 | 1.2 |
| 17 10 76 1235 | | | .3 | | 16781 | 6 8 | | 28. | 1. | 2. | | 2.0 | 9.0 | 1.6 |
| 14 11 76 1305 | | | .3 | | 16829 | 6 8 | | 1600. | 18. | 260. | | 0.0 | 8.0 | 0.9 |
| MAXIMUM | | | | | | | | 1600. | 18. | 260. | | 18.0 | 9.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 31.* | 2.* | 4.* | | 7.9 | 8.7 | 1.1 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 6 | 4 | 6 | | 7 | 7 | 7 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 04 76 1425 | | | .3 | | 0.086 | 0.027 | 0.960 | 1.580 | 0.006 | 0.109 | 341.0 | 13.0 | | |
| 24 05 76 1340 | | | .3 | | 0.052 | 0.020 | 0.090 | 0.350 | 0.015 | 0.615 | 235.0 | 24.0 | | |
| 21 06 76 1725 | | | .3 | | 0.276 | 0.180 | 0.138 | 0.880 | 0.011 | 0.129 | 355.0 | 30.0 | | |
| 15 08 76 1300 | | | .3 | | 0.094 | 0.040 | 0.290 | 0.860 | 0.030 | 0.690 | 257.0 | 23.0 | | |
| 11 09 76 1410 | | | .3 | | 0.235 | 0.008 | 0.060 | 1.100 | 0.011 | 1.690 | 652.0 | 473.0 | | |
| 17 10 76 1235 | | | .3 | | 0.083 | 0.023 | 0.396 | 0.780 | 0.003 | 0.157 | 323.0 | 10.0 | | |
| 14 11 76 1305 | | | .3 | | 0.292 | 0.036 | 0.760 | 2.180 | 0.007 | 0.553 | 322.0 | 10.0 | | |
| MAXIMUM | | | | | 0.292 | 0.180 | 0.960 | 2.180 | 0.030 | 1.690 | 652.0 | 473.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.160 | 0.048 | 0.385 | 1.104 | 0.012 | 0.563 | 355.0 | 83.3 | | |
| MINIMUM | | | | | 0.052 | 0.008 | 0.060 | 0.350 | 0.003 | 0.109 | 235.0 | 10.0 | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 04 76 1425 | | | .3 | | 350 | 10.00 | 31.0 | 75.0 | | 3.6 | 40 | 7.50 | | 1.950 |
| 24 05 76 1340 | | | .3 | | 325 | 5.00 | 25.0 | 80.0 | | 1.6 | 28 | 7.65 | | 0.690 |
| 21 06 76 1725 | | | .3 | | 465 | 8.80 | 49.0 | 110.0 | | 0.0 | 55 | 9.37 | | 1.250 |
| 15 08 76 1300 | | | .3 | | 360 | 15.00 | 16.5 | 150.0 | | 2.5 | 23 | 7.72 | | 1.050 |
| 11 09 76 1410 | | | .3 | | 275 | 220.00 | 14.0 | 75.0 | | 3.5 | 11 | 6.55 | | 14.000 |
| 17 10 76 1235 | | | .3 | | 465 | 6.00 | 22.5 | 145.0 | | 2.2 | 29 | 7.58 | | 0.780 |
| 14 11 76 1305 | | | .3 | | 480 | 7.50 | 26.0 | 130.0 | | 6.0 | 41 | 7.40 | | 1.260 |
| MAXIMUM | | | | | 480 | 220.00 | 49.0 | 150.0 | | 6.0 | 55 | 9.37 | | 14.000 |
| AVG OR GEOM MN (*) | | | | | 389 | 38.90 | 26.3 | 109.3 | | 2.8 | 32 | 7.68 | | 2.997 |
| MINIMUM | | | | | 275 | 5.00 | 14.0 | 75.0 | | 0.0 | 11 | 6.55 | | 0.690 |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | | 7 | 7 | 7 | | 7 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
| 25 04 76 1425 | | | .3 | | 1.0 | 105.0 | | | 60 | | | | | |
| 24 05 76 1340 | | | .3 | | 1.0L | 111.0 | | | 20 | | | | | |
| 21 06 76 1725 | | | .3 | | 1.0L | 154.0 | 42.00 | 12.00 | 40 | | | | | |
| 15 08 76 1300 | | | .3 | | | 141.0 | 39.00 | 10.50 | 30 | | | | | |
| 11 09 76 1410 | | | .3 | | 1.0L | 88.0 | 23.00 | 7.50 | 70G | | | | | |
| 17 10 76 1235 | | | .3 | | 1.0L | 192.0 | 57.00 | 11.50 | 30 | | | | | |
| 14 11 76 1305 | | | .3 | | 2.0 | 179.0 | 51.00 | 12.50 | 40 | | | | | |
| MAXIMUM | | | | | 2.0 | 192.0 | 57.00 | 12.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.20 | 138.6 | 42.40 | 10.80 | 41U | | | | | |
| MINIMUM | | | | | 1.0 | 88.0 | 23.00 | 7.50 | 20 | | | | | |
| NO OF SAMPLES | | | | | 6 | 7 | 5 | 5 | 7 | | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINIUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 236 TOTAL NICKEL MG/L |
| 25 04 76 1425 | | | .3 | | 0.004 | | | 0.020 | 0.220 | 0.010L | | 0.050 | | 2.000 |
| 24 05 76 1340 | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.040 | | 2.000 |
| 21 06 76 1725 | | | .3 | | 0.002 | | | 0.010L | 0.060 | 0.010L | | 0.060 | | 0.600 |
| 11 09 76 1410 | | | .3 | | 0.005 | | | 0.020 | 0.650 | 0.010L | | 0.060 | | 2.700 |
| 14 11 76 1305 | | | .3 | | 0.001 | | | 0.010L | 0.120 | 0.010L | | 0.050 | | 1.700 |
| MAXIMUM | | | | | 0.005 | | | 0.020 | 0.650 | 0.010 | | 0.060 | | 2.700 |
| AVG OR GEOM MN (*) | | | | | 0.003 | | | 0.0160 | 0.214 | 0.0100 | | 0.052 | | 1.800 |
| MINIMUM | | | | | 0.001 | | | 0.010 | 0.020 | 0.010 | | 0.040 | | 0.600 |
| NO OF SAMPLES | | | | | 4 | | | 5 | 5 | 5 | | 5 | | 5 |

B.O.W./ SITE: LAKE WANAPITEI
SAMPLE POINT: NEAR MOUTH OF MASSEY CREEK
STATION TYPE: LAKE

STATION ID: 03-0134-009-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

| STN NO | 9 | LAT | LONG | U.T.M. 17 0517550.0 5166550.0 4 REGION 05 | | | | | | | | | | | | | |
|--------------------|--------|-------|------|---|---------|-----------------|----|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 80D MG/L |
| 25 01 | 76 | 1240 | | | | .3 | | 16438 | 6 8 | | | | | | | | |
| 22 02 | 76 | 1200 | | | | .3 | | 16480 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.2 |
| 21 03 | 76 | 1140 | | | | .3 | | 16521 | 4 6 8 | | 4. | 1. | 1. | | 0.0 | 13.0 | 0.8 |
| MAXIMUM | | | | | | | | | | | 4. | 1. | 1. | | 0.00 | 13.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 4.* | 1.* | 1.* | | 0.0 | 12.3 | 0.9 |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 12.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 1 | 1 | 1 | | 3 | 3 | 3 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 01 | 76 | 1240 | | | | .3 | | 0.003 | 0.001L | 0.030 | 0.180 | 0.002 | 0.380 | | | | |
| 22 02 | 76 | 1200 | | | | .3 | | 0.003 | 0.001L | 0.050 | 0.280 | 0.002 | 0.213 | | | | |
| 21 03 | 76 | 1140 | | | | .3 | | 0.047 | 0.008 | 0.076 | 0.210 | 0.002 | 0.400 | | | | |
| MAXIMUM | | | | | | | | 0.047 | 0.008 | 0.076 | 0.280 | 0.002 | 0.400 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.018 | 0.003D | 0.052 | 0.223 | 0.002 | 0.331 | | | | |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.030 | 0.180 | 0.002 | 0.213 | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 CONO. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 01 | 76 | 1240 | | | | .3 | | 680 | 0.55 | 8.1 | 330.0 | | | | | | |
| 22 02 | 76 | 1200 | | | | .3 | | 700 | 1.60 | 9.5 | 320.0 | | | | 7.70 | | |
| 21 03 | 76 | 1140 | | | | .3 | | 650 | 1.20 | 6.8 | 260.0 | | | | 7.40 | | |
| MAXIMUM | | | | | | | | 700 | 1.60 | 9.5 | 330.0 | | | | 7.70 | | |
| AVG OR GEOM MN (*) | | | | | | | | 677 | 1.12 | 8.1 | 303.3 | | | | 7.60 | | |
| MINIMUM | | | | | | | | 650 | 0.55 | 6.8 | 260.0 | | | | 7.40 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | | | 3 | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 25 01 | 76 | 1240 | | | | .3 | | | | | 0.020L | 0.010 | 0.010L | | 0.010L | | 0.060 |
| 22 02 | 76 | 1200 | | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.030 | | 0.060 |
| 21 03 | 76 | 1140 | | | | .3 | | | | | 0.02 L | 0.02 L | 0.01 L | | 0.08 | | 0.08 |
| MAXIMUM | | | | | | | | | | | 0.020 | 0.020 | 0.010 | | 0.08 | | 0.08 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.020D | 0.017D | 0.010D | | 0.040D | | 0.067 |
| MINIMUM | | | | | | | | | | | 0.020 | 0.010 | 0.010 | | 0.010 | | 0.060 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W./ SITE: CREEK
SAMPLE POINT: EAST INLET TO MASSEY BAY
STATION TYPE: RIVER FLOW GAUGE MOE 02DA100

STATION ID: 03-0134-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

| STN NO | 11 | LAT | LONG | U.T.M. 17 0518075.0 5166325.0 4 | | | | | | | | | | REGION 05 | | |
|--------------------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 80D MG/L |
| 25 01 | 76 | 1320 | | | .3 | | 16439 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 22 02 | 76 | 1225 | | | .3 | | 16481 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.8 |
| 21 03 | 76 | 1210 | | | .3 | | 16522 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| MAXIMUM | | | | | | | | | | 1. | 1. | 1. | | 0.00 | 11.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1.* | 1.* | 1.* | | 0.0 | 10.7 | 0.7 |
| MINIMUM | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 10.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 1 | 1 | 1 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1320 | | | .3 | | 0.030 | 0.003 | 0.040 | 0.130 | 0.002 | 0.290 | 2671.0 | 17.0 | | |
| 22 | 02 | 76 | 1225 | | | .3 | | 0.009 | 0.001L | 0.010 | 0.220 | 0.003 | 0.122 | | | | |
| 21 | 03 | 76 | 1210 | | | .3 | | 0.046 | 0.002 | 0.082 | 0.280 | 0.002 | 0.400 | | | | |
| MAXIMUM | | | | | | | | 0.046 | 0.003 | 0.082 | 0.280 | 0.003 | 0.400 | 2671.0 | 17.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.028 | 0.0020 | 0.044 | 0.210 | 0.002 | 0.271 | 2671.0 | 17.0 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.010 | 0.130 | 0.002 | 0.122 | 2671.0 | 17.0 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1320 | | | .3 | | 3100 | 7.50 | 8.0 | | | 4.3 | 72 | 7.70 | 0.11 | |
| 22 | 02 | 76 | 1225 | | | .3 | | 90 | 0.80 | 1.2 | | | | | | | |
| 21 | 03 | 76 | 1210 | | | .3 | | 650 | 1.40 | 7.0 | | | | | | | |
| MAXIMUM | | | | | | | | 3100 | 7.50 | 8.0 | | | 4.3 | 72 | 7.70 | 0.11 | |
| AVG OR GEOM MN (*) | | | | | | | | 1280 | 3.23 | 5.4 | | | 4.3 | 72 | 7.70 | 0.11 | |
| MINIMUM | | | | | | | | 90 | 0.80 | 1.2 | | | 4.3 | 72 | 7.70 | 0.11 | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | 1 | 1 | 1 | 1 | |

B.O.W./ SITE: CONISTON CREEK
SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH ROMFORD CR
STATION TYPE: RIVER

STATION ID: 03-0134-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

STN NO 12 LAT LONG U.T.M. 17 0512900.0 5147775.0 4 REGION 05 MILEAGE 53.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 04 | 76 | 1350 | | | .3 | | 16563 | 3 6 9 | | 1. | 1. | 1. | | 2.0 | 8.0 | 1.4 |
| 24 | 05 | 76 | 1255 | | | .3 | | 16602 | 6 8 | | 1. | 1. | 1. | | 6.0 | 8.0 | 0.6 |
| 21 | 06 | 76 | 1650 | | | .3 | | 16629 | 6 8 | | 20. | | 1. | | 12.0 | 8.0 | 2.4 |
| 15 | 08 | 76 | 1225 | | | .3 | | 16697 | 6 8 | | 40. | | 1. | | 18.0 | 8.0 | 1.4 |
| 11 | 09 | 76 | 1340 | | | .3 | | 16736 | 6 8 | | | | | | 15.0 | 9.0 | 0.6 |
| 17 | 10 | 76 | 1205 | | | .3 | | 16780 | 6 8 | | 16. | 1. | 2. | | 2.0 | 8.0 | 1.6 |
| 14 | 11 | 76 | 1235 | | | .3 | | 16828 | 6 8 | | 1500. | 38. | 266. | | 0.0 | 8.0 | 0.7 |
| MAXIMUM | | | | | | | | | | | 1500. | 38. | 266. | | 18.0 | 9.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 16.* | 2.* | 3.* | | 7.9 | 8.1 | 1.2 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 4 | 6 | | 7 | 7 | 7 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 04 | 76 | 1350 | | | .3 | | 0.080 | 0.025 | 0.880 | 1.500 | 0.005 | 0.505 | 238.0 | 14.0 | | |
| 24 | 05 | 76 | 1255 | | | .3 | | 0.052 | 0.017 | 0.072 | 0.250 | 0.014 | 0.311 | 215.0 | 4.3 | | |
| 21 | 06 | 76 | 1650 | | | .3 | | 0.275 | 0.175 | 0.140 | 0.830 | 0.010 | 0.360 | 373.0 | 33.0 | | |
| 15 | 08 | 76 | 1225 | | | .3 | | 0.068 | 0.041 | 0.230 | 0.760 | 0.030 | 0.880 | 259.0 | 28.0 | | |
| 11 | 09 | 76 | 1340 | | | .3 | | 0.246 | 0.006 | 0.070 | 0.900 | 0.010 | 1.590 | 693.0 | 517.0 | | |
| 17 | 10 | 76 | 1205 | | | .3 | | 0.084 | 0.020 | 0.384 | 0.730 | 0.003 | 0.157 | 318.0 | 11.0 | | |
| 14 | 11 | 76 | 1235 | | | .3 | | 0.174 | 0.042 | 0.840 | 1.100 | 0.004 | 0.381 | 329.0 | 9.7 | | |
| MAXIMUM | | | | | | | | 0.275 | 0.175 | 0.880 | 1.500 | 0.030 | 1.590 | 693.0 | 517.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.143 | 0.047 | 0.374 | 0.867 | 0.011 | 0.598 | 346.4 | 88.1 | | |
| MINIMUM | | | | | | | | 0.052 | 0.006 | 0.070 | 0.250 | 0.003 | 0.157 | 215.0 | 4.3 | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 04 | 76 | 1350 | | | .3 | | 345 | 11.00 | 31.0 | | | | | | | |
| 24 | 05 | 76 | 1255 | | | .3 | | 325 | 4.40 | 25.0 | | | | | | | |
| 21 | 06 | 76 | 1650 | | | .3 | | 463 | 7.10 | 49.0 | | | | | | | |
| 15 | 08 | 76 | 1225 | | | .3 | | 355 | 15.00 | 16.5 | 27.5 | | | | | | |
| 11 | 09 | 76 | 1340 | | | .3 | | 270 | 220.00 | 14.0 | | | | | | | |
| 17 | 10 | 76 | 1205 | | | .3 | | 465 | 6.20 | 22.5 | | | | | | | |
| 14 | 11 | 76 | 1235 | | | .3 | | 470 | 7.00 | 26.0 | | | | | | | |
| MAXIMUM | | | | | | | | 470 | 220.00 | 49.0 | 27.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 385 | 38.67 | 26.3 | 27.5 | | | | | | |
| MINIMUM | | | | | | | | 270 | 4.40 | 14.0 | 27.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 1 | | | | | | |

B.O.W./ SITE: ROMFORD CREEK
 SAMPLE POINT: UPSTREAM FROM JUNCTION WITH CONISTON CR
 STATION TYPE: RIVER

STATION ID: 03-0134-013-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
 002
 5500

| STN NO | 13 | LAT | LONG | U.T.M. 17 0512500.0 5147800.0 4 | REGION 05 | MILEAGE | 55.10 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 04 76 1315 | | | .3 | | 16562 | 3 6 9 | | | | | | 3.0 | 7.0 | 5.0 |
| 24 05 76 1230 | | | .3 | | 16601 | 6 8 9 | | 1. | 1. | 1. | | 6.0 | 8.0 | 0.6 |
| 21 06 76 1620 | | | .3 | | 16628 | 6 8 9 | | 20. | | 24. | | 12.0 | 7.0 | 0.8 |
| 15 08 76 1150 | | | .3 | | 16696 | 6 8 9 | | 70. | | 1. | | 18.0 | 8.0 | 0.8 |
| 11 09 76 1300 | | | .3 | | 16735 | 6 8 9 | | | | | | 16.0 | 7.0 | 1.0 |
| 17 10 76 1140 | | | .3 | | 16779 | 6 8 9 | | 4. | 1. | 6. | | 3.0 | 8.0 | 1.0 |
| 14 11 76 1205 | | | .3 | | 16827 | 6 8 9 | | 28. | 1. | 8. | | 0.0 | 7.0 | 0.8 |
| MAXIMUM | | | | | | | | 70. | 1. | 24. | | 18.0 | 8.0 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | 11.* | 1.* | 4.* | | 8.3 | 7.4 | 1.4 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 7.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 5 | 3 | 5 | | 7 | 7 | 7 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 04 76 1315 | | | .3 | | 0.092 | 0.009 | 4.750 | 5.700 | 0.009 | 0.001 | 363.0 | 13.0 | | |
| 24 05 76 1230 | | | .3 | | 0.010 | 0.001 | 0.282 | 0.500 | 0.044 | 1.180 | 270.0 | 2.5 | | |
| 21 06 76 1620 | | | .3 | | 0.025 | 0.005 | 0.058 | 0.900 | 0.004 | 0.011 | 435.0 | 3.1 | | |
| 15 08 76 1150 | | | .3 | | 0.044 | 0.003 | 0.170 | 1.560 | 0.006 | 0.659 | 428.0 | 22.0 | | |
| 11 09 76 1300 | | | .3 | | 0.285 | 0.007 | 0.112 | 1.350 | 0.003 | 1.800 | 859.0 | 700.0 | | |
| 17 10 76 1140 | | | .3 | | 0.010 | 0.002 | 0.008 | 0.390 | 0.002 | 0.418 | 261.0 | 3.9 | | |
| 14 11 76 1205 | | | .3 | | 0.017 | 0.002 | 0.034 | 0.650 | 0.006 | 1.050 | 394.0 | 14.0 | | |
| MAXIMUM | | | | | 0.285 | 0.009 | 4.750 | 5.700 | 0.044 | 1.800 | 859.0 | 700.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.069 | 0.004 | 0.773 | 1.579 | 0.011 | 0.731 | 430.0 | 108.4 | | |
| MINIMUM | | | | | 0.010 | 0.001 | 0.008 | 0.390 | 0.002 | 0.001 | 261.0 | 2.5 | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 20H TOTAL IRON MG/L |
| 25 04 76 1315 | | | .3 | | 600 | 18.00 | 80.0 | 75.0 | | 12.0 | 117 | 7.30 | | 5.700 |
| 24 05 76 1230 | | | .3 | | 430 | 3.00 | 55.0 | 60.0 | | 4.5 | 48 | 7.38 | | 0.300 |
| 21 06 76 1620 | | | .3 | | 680 | 3.30 | 100.0 | 54.0 | | 3.0 | 90 | 8.14 | | 0.600 |
| 15 08 76 1150 | | | .3 | | 630 | 6.80 | 95.0 | 165.0 | | 3.2 | 29 | 7.68 | | 0.840 |
| 11 09 76 1300 | | | .3 | | 245 | 350.00 | 22.5 | 60.0 | | 7.1 | 10 | 5.78 | | 21.000 |
| 17 10 76 1140 | | | .3 | | 430 | 3.50 | 48.0 | 65.0 | | 43.0 | 48 | 7.40 | | 0.220 |
| 14 11 76 1205 | | | .3 | | 640 | 6.00 | 77.0 | 85.0 | | 11.0 | 76 | 7.28 | | 0.480 |
| MAXIMUM | | | | | 680 | 350.00 | 100.0 | 165.0 | | 43.0 | 117 | 8.14 | | 21.000 |
| AVG OR GEOM MN (*) | | | | | 522 | 55.80 | 68.2 | 80.6 | | 12.0 | 60 | 7.28 | | 4.163 |
| MINIMUM | | | | | 245 | 3.00 | 22.5 | 54.0 | | 3.0 | 10 | 5.78 | | 0.220 |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | | 7 | 7 | 7 | | 7 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
| 25 04 76 1315 | | | .3 | | 3.0 | 133.0 | | | | | | | | |
| 24 05 76 1230 | | | .3 | | 1.0L | 98.0 | | | 20 | | | | | |
| 21 06 76 1620 | | | .3 | | 1.0L | 148.0 | 38.00 | 13.00 | 50 | | | | | |
| 15 08 76 1150 | | | .3 | | 2.0 | 151.0 | 40.00 | 12.50 | 30 | | | | | |
| 11 09 76 1300 | | | .3 | | 1.0 | 62.0 | 15.00 | 6.00 | 70G | | | | | |
| 17 10 76 1140 | | | .3 | | 2.0 | 106.0 | 26.00 | 10.00 | 20 | | | | | |
| 14 11 76 1205 | | | .3 | | 3.0 | 162.0 | 37.00 | 17.00 | 30 | | | | | |
| MAXIMUM | | | | | 3.0 | 162.0 | 40.00 | 17.00 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.9D | 122.9 | 31.20 | 11.70 | 37U | | | | | |
| MINIMUM | | | | | 1.0 | 62.0 | 15.00 | 6.00 | 20 | | | | | |
| NO OF SAMPLES | | | | | 7 | 7 | 5 | 5 | 6 | | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 25 04 76 1315 | | | .3 | | 0.015 | | | 0.080 | 0.190 | 0.050L | | 0.010 | | 0.960 |
| 24 05 76 1230 | | | .3 | | | | | 0.020L | 0.220 | 0.010L | | 0.070 | | 1.500 |
| 21 06 76 1620 | | | .3 | | 0.001 | | | 0.010L | 0.140 | 0.010L | | 0.070 | | 0.700 |
| 11 09 76 1300 | | | .3 | | 0.006 | | | 0.050 | 0.440 | 0.010L | | 0.100 | | 2.000 |
| 14 11 76 1205 | | | .3 | | 0.001 | | | 0.010 | 0.210 | 0.010L | | 0.110 | | 1.700 |
| MAXIMUM | | | | | 0.015 | | | 0.080 | 0.440 | 0.050 | | 0.110 | | 2.000 |
| AVG OR GEOM MN (*) | | | | | 0.006 | | | 0.034D | 0.240 | 0.018D | | 0.072 | | 1.372 |
| MINIMUM | | | | | 0.001 | | | 0.010 | 0.140 | 0.010 | | 0.010 | | 0.700 |
| NO OF SAMPLES | | | | | 4 | | | 5 | 5 | 5 | | 5 | | 5 |

B.O.W. / SITE: WANAPITEI RIVER
SAMPLE POINT: AT HIGHWAY NO 637 9.5 MILES WEST OF HIGHWAY NO 69
STATION TYPE: RIVER COMPOSITE

STATION ID: 03-0134-015-82

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FRENCH RIVER WEST CHANNEL

STORET CODE: 02
002
5500

| STN NO | 15 | LAT | LONG | U.T.M. 17 0505900.0 5111250.0 4 | REGION 05 | MILEAGE | 16.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. MG/L | 5-DAY BOD MG/L |
| 18 01 76 1630 | | | .3 | | 16418 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 07 02 76 1605 | | | .3 | | 16454 | 4 6 8 | | 20. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 06 03 76 1630 | | | .3 | | 16495 | 4 6 8 | | 160. | 1. | 4. | | 0.0 | 11.0 | 0.2 |
| 04 04 76 1535 | | | .3 | | 16542 | 3 6 8 | | | | | | 0.0 | 11.0 | 1.6 |
| 28 04 76 1325 | | | .3 | | 16567 | 3 6 8 | | | | | | 2.0 | 12.0 | 0.4 |
| 28 05 76 0940 | | | .3 | | 16606 | 6 8 | | 10. | 1. | 1. | | 6.0 | 11.0 | 0.4 |
| 27 06 76 0915 | | | .3 | | 16650 | 6 8 | | 20. | | 1. | | 11.0 | 11.0 | 0.6 |
| 07 08 76 0945 | | | .3 | | 16667 | 9 6 8 | | 100. | | 1. | | 18.0 | 12.0 | 0.8 |
| 05 09 76 1920 | | | .3 | | 16710 | 6 8 9 | | | 1. | 1. | | 16.0 | 12.0 | 0.8 |
| 10 10 76 1420 | | | .3 | | 16749 | 6 8 | | 50. | 2. | 2. | | 4.0 | 11.0 | 1.4 |
| 07 11 76 0920 | | | .3 | | 16786 | 6 8 | | 32. | 1. | 2. | | 1.0 | 11.0 | 0.2 |
| 12 12 76 1020 | | | .3 | | 16841 | 6 8 | | 48. | 2. | 4. | | 0.0 | 11.0 | 0.2 |
| MAXIMUM | | | | | | | | 160. | 2. | 4. | | 18.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 39.* | 1.* | 2.* | | 4.8 | 11.3 | 0.7 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 8 | 7 | 9 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 18 01 76 1630 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.210 | 0.002 | 0.240 | 61.0 | 2.0 | | 59 |
| 07 02 76 1605 | | | .3 | | 0.013 | 0.003 | 0.010 | 0.260 | 0.002 | 0.233 | | 1.0 | | |
| 06 03 76 1630 | | | .3 | | 0.006 | 0.001L | 0.022 | 0.260 | 0.002 | 0.243 | 60.0 | 1.6 | | 59 |
| 04 04 76 1535 | | | .3 | | 0.040 | 0.003 | 0.014 | 0.460 | 0.005 | 0.290 | 106.0 | 44.0 | | |
| 28 04 76 1325 | | | .3 | | 0.015 | 0.003 | 0.010 | 0.250 | 0.001 | 0.154 | 71.0 | 16.0 | | 55 |
| 28 05 76 0940 | | | .3 | | 0.008 | 0.002 | 0.008 | 0.180 | 0.002 | 0.028 | 63.0 | 11.0 | | 52 |
| 27 06 76 0915 | | | .3 | | 0.007 | 0.001L | 0.004 | 0.230 | 0.002 | 0.128 | 58.0 | 5.9 | | 52 |
| 07 08 76 0945 | | | .3 | | 0.064 | 0.013 | 0.042 | 0.360 | 0.004 | 0.081 | 119.0 | 47.0 | | 72 |
| 05 09 76 1920 | | | .3 | | 0.026 | 0.002 | 0.032 | 0.350 | 0.002 | 0.038 | 80.0 | 15.0 | | 65 |
| 10 10 76 1420 | | | .3 | | 0.008 | 0.001 | 0.008 | 0.240 | 0.002 | 0.143 | 90.0 | 5.2 | | 85 |
| 07 11 76 0920 | | | .3 | | 0.006 | 0.004 | 0.018 | 0.190 | 0.001 | 0.149 | 81.0 | 2.5 | | 78 |
| 12 12 76 1020 | | | .3 | | 0.012 | 0.001 | 0.018 | 0.170 | 0.001 | 0.109 | 62.0 | 2.7 | | 59 |
| MAXIMUM | | | | | 0.064 | 0.013 | 0.042 | 0.460 | 0.005 | 0.290 | 119.0 | 47.0 | | 85 |
| AVG OR GEOM MN (*) | | | | | 0.018 | 0.003D | 0.016 | 0.263 | 0.002 | 0.153 | 77.4 | 12.8 | | 64 |
| MINIMUM | | | | | 0.006 | 0.001 | 0.004 | 0.170 | 0.001 | 0.028 | 58.0 | 1.0 | | 52 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 12 | | 10 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 18 01 76 1630 | | | .3 | | 90 | 1.00 | 0.8 | | | | 18 | 7.10 | | |
| 07 02 76 1605 | | | .3 | | 89 | 1.00 | 1.0 | 18.0 | | 2.0 | 18 | 7.20 | | 0.130 |
| 06 03 76 1630 | | | .3 | | 90 | 1.10 | | | | | | | | |
| 04 04 76 1535 | | | .3 | | 96 | 21.00 | 4.0 | | | 2.8 | 11 | 6.80 | 1.50 | |
| 28 04 76 1325 | | | .3 | | 85 | 4.40 | 0.9 | 17.0 | 2.15 | | | 7.44 | | 0.40 |
| 28 05 76 0940 | | | .3 | | 80 | 2.90 | 0.7 | 16.5 | 2.30 | | | 7.72 | | 0.15 |
| 27 06 76 0915 | | | .3 | | 82 | 2.50 | 0.8 | 19.0 | 1.85 | | | 7.56 | | 0.310 |
| 07 08 76 0945 | | | .3 | | 110 | 36.00 | 2.0 | 27.5 | 1.85 | | | 8.72 | | 2.200 |
| 05 09 76 1920 | | | .3 | | 100 | 8.60 | 1.6 | 21.5 | 2.15 | | | 7.44 | | 0.630 |
| 10 10 76 1420 | | | .3 | | 130 | 3.40 | 2.2 | 32.0 | 2.15 | | | 7.48 | | 0.290 |
| 07 11 76 0920 | | | .3 | | 118 | 1.60 | 2.3 | 29.0 | 2.15 | | | 7.64 | | 0.180 |
| 12 12 76 1020 | | | .3 | | 92 | 1.20 | 0.9 | 22.5 | 2.15 | | | 7.46 | | 0.120 |
| MAXIMUM | | | | | 130 | 36.00 | 4.0 | 32.0 | 2.30 | 2.8 | 18 | 8.72 | 1.50 | 2.200 |
| AVG OR GEOM MN (*) | | | | | 97 | 7.06 | 1.6 | 22.6 | 2.09 | 2.4 | 16 | 7.51 | 1.50 | 0.490 |
| MINIMUM | | | | | 80 | 1.00 | 0.7 | 16.5 | 1.85 | 2.0 | 11 | 6.80 | 1.50 | 0.120 |
| NO OF SAMPLES | | | | | 12 | 12 | 11 | 9 | 8 | 2 | 3 | 11 | 1 | 9 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRBLES MG/L |
| 18 01 76 1630 | | | .3 | | 1.0 | | 10.60 | | | | | | | |
| 07 02 76 1605 | | | .3 | | 1.0L | 36.0 | 9.90 | 2.75 | 15 | 0.55 | 1.50 | | 20 | |
| 06 03 76 1630 | | | .3 | | | | | | | | | | | |
| 04 04 76 1535 | | | .3 | | | 30.0 | | | 20 | | | | | |
| 28 04 76 1325 | | | .3 | | 1.0L | | | | | | | 5 | 14 | |
| 28 05 76 0940 | | | .3 | | | | | | | | | 6 | 16 | |
| 27 06 76 0915 | | | .3 | | | | | | | | | 9 | 20 | |
| 07 08 76 0945 | | | .3 | | 1.0L | | | | | | | 6 | 16 | |
| 05 09 76 1920 | | | .3 | | 1.0 | | | | | | | 11 | 10L | |
| 10 10 76 1420 | | | .3 | | 1.0L | | | | | | | 6 | 10L | |
| 07 11 76 0920 | | | .3 | | 1.0 | | | | | | | 11 | 25 | |
| 12 12 76 1020 | | | .3 | | | | | | | | | 7 | 40 | |
| MAXIMUM | | | | | 1.0 | 36.0 | 10.60 | 2.75 | 20 | 0.55 | 1.50 | 11 | 40 | |
| AVG OR GEOM MN (*) | | | | | 1.0D | 33.0 | 10.25 | 2.75 | 18 | 0.55 | 1.50 | 8 | 19D | |
| MINIMUM | | | | | 1.0 | 30.0 | 9.90 | 2.75 | 15 | 0.55 | 1.50 | 5 | 10 | |
| NO OF SAMPLES | | | | | 7 | 2 | 2 | 1 | 2 | 1 | 1 | 8 | 9 | |

CONTD

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 01 76 1630 | | | .3 | | | | | | | | | | | |
| 07 02 76 1605 | | | .3 | | | | 0.070 | | 0.010 | | | 0.020 | 0.018 | 0.030 |
| 07 11 76 0920 | | | .3 | | | 0.020 | | | | | | | 0.018 | |
| 17 11 76 1200 | | | .3 | | 0.001L | 0.02 L | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |
| MAXIMUM | | | | | 0.001 | 0.020 | 0.070 | 0.01 | 0.010 | 0.01 | 0.005 | 0.020 | 0.018 | 0.030 |
| AVG OR GEOM MN (*) | | | | | 0.001D | 0.020D | 0.070 | 0.01 D | 0.010D | 0.01 D | 0.005D | 0.015D | 0.018 | 0.030D |
| MINIMUM | | | | | 0.001 | 0.020 | 0.070 | 0.01 | 0.010 | 0.01 | 0.005 | 0.01 | 0.018 | 0.01 |
| NO OF SAMPLES | | | | | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 |

B.O.W. / SITE: LITTLE RIVER
SAMPLE POINT: AT RIVERSIDE DRIVE WINDSOR
STATION TYPE: RIVER

STATION ID: 04-0001-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LITTLE RIVER

STORET CODE: 02
003
2750

| STN NO | 1 | LAT | LONG | U.T.M. 17 0339950.0 4688950.0 4 | REGION 01 | MILEAGE | 0.10 | | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 16 02 76 1230 | | | .3 | | 21055 | 6 | | 35000. | 1670. | 2500. | 48. | 1.2 | 9.6 | 4.7 | |
| 16 03 76 1330 | | | .3 | | 21098 | 6 | | 110. | 12. | 140. | 4. | 4.0 | 10.0 | 7.7 | |
| 04 05 76 1730 | | | .3 | | 21140 | 6 | | 1800. | 4. | L | 4. | 14.5 | 6.3 | 8.2 | |
| 18 05 76 1720 | | | .3 | | 21193 | 6 | | 90. | 4. | L | 4. | 16.5 | 5.5 | 4.0 | |
| 22 06 76 1748 | | | .3 | | 21257 | 6 | 2.80 | 780. | 164. | 412. | 8. | 24.0 | 4.9 | 2.2 | |
| 19 07 76 1738 | | | .3 | | 21306 | 6 | | 1200. | 68. | 64. | 4. | 24.5 | 11.4 | 3.1 | |
| 09 08 76 1706 | | | .3 | | 21357 | 6 | | 4600. | 108. | 480. | 4. | 28.0 | 8.7 | 0.4 | |
| 07 10 76 0850 | | | .3 | | 21427 | 6 | | 12. | 4. | L | 4. | 18.5 | 7.5 | 4.2 | |
| 18 10 76 1520 | | | .3 | | 21456 | 6 | | 12200E+3 | 24000E+1 | 6600. | 2300. | 12.6 | 2.0 | 7.0 | |
| 16 11 76 1100 | | | .3 | | 21518 | 5 | | 4. | 4. | L | 4. | 8.6 | 6.2 | 6.8 | |
| 06 12 76 1645 | | | .3 | | 21566 | 4 | | 1450. | 30. | 20. | 4. | 5.0 | 9.8 | 1.4 | |
| MAXIMUM | | | | | | | | 2.80 | 12200E+3 | 24000E+1 | 6600. | 2300. | 28.0 | 11.4 | 8.2 |
| AVG OR GEOM MN (*) | | | | | | | | 2.80 | 1078.* D | 61.* D | 89.* D | 10.* D | 14.3 | 7.4 | 4.5 |
| MINIMUM | | | | | | | | 2.80 | 4. | 4. | 4. | 4. | 1.2 | 2.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 1 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 02 76 1230 | | | .3 | | 0.282 | 0.132 | 0.435 | 1.890 | 0.061 | 2.800 | | | | |
| 16 03 76 1330 | | | .3 | | 0.400 | 0.147 | 1.450 | 1.800 | 0.300 | 5.600 | | | | |
| 04 05 76 1730 | | | .3 | | 0.470 | 0.271 | 7.300 | 8.150 | 0.159 | 1.280 | | | | |
| 18 05 76 1720 | | | .3 | | 0.490 | 0.272 | 2.230 | 3.400 | 0.187 | 2.640 | | | | |
| 22 06 76 1748 | | | .3 | | 0.250 | 0.156 | 2.000 | 280.000 | 0.690 | 7.800 | | | | |
| 19 07 76 1738 | | | .3 | | 0.197 | 0.115 | 0.500 | 2.900 | 1.200 | 3.700 | | | | |
| 09 08 76 1706 | | | .3 | | 0.294 | 0.149 | 1.470 | 1.950 | 0.155 | 3.920 | | | | |
| 07 10 76 0850 | | | .3 | | 0.278 | 0.147 | 0.725 | 1.850 | 0.123 | 0.810 | | | | |
| 18 10 76 1520 | | | .3 | | 1.050 | 0.250 | 1.300 | 9.000 | 0.220 | 5.100 | | | | |
| 16 11 76 1100 | | | .3 | | 1.600 | 1.410 | 9.550 | 11.800 | 0.350 | 3.100 | | | | |
| 06 12 76 1645 | | | .3 | | 0.023 | 0.009 | 0.035 | 0.305 | 0.045 | 0.440 | | | | |
| MAXIMUM | | | | | 1.600 | 1.410 | 9.550 | 280.000 | 1.200 | 7.800 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.485 | 0.278 | 2.454 | 29.368 | 0.317 | 3.381 | | | | |
| MINIMUM | | | | | 0.023 | 0.009 | 0.035 | 0.305 | 0.045 | 0.440 | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 02 76 1230 | | | .3 | | 444 | 64.00 | 46.0 | | | | | | | |
| 16 03 76 1330 | | | .3 | | 700 | 18.00 | 60.0 | | | | | | | |
| 04 05 76 1730 | | | .3 | | 800 | 14.00 | 65.0 | | | | | | | |
| 18 05 76 1720 | | | .3 | | 700 | 4.10 | 64.0 | | | | | | | |
| 22 06 76 1748 | | | .3 | | 720 | 17.00 | 66.0 | | | | | | | |
| 19 07 76 1738 | | | .3 | | 800 | 15.00 | 150.0 | | | | | | | |
| 09 08 76 1706 | | | .3 | | 620 | 17.00 | 85.0 | | | | | | | 4.900 |
| 07 10 76 0850 | | | .3 | | 493 | 63.00 | 35.0 | | | | | | | |
| 18 10 76 1520 | | | .3 | | 780 | 5.20 | 59.0 | | | | | | | |
| 16 11 76 1100 | | | .3 | | 750 | 5.60 | 56.0 | | | | | | | |
| 06 12 76 1645 | | | .3 | | 263 | 4.80 | 11.0 | | | | | | | |
| MAXIMUM | | | | | 800 | 64.00 | 150.0 | | | | | | | 4.900 |
| AVG OR GEOM MN (*) | | | | | 643 | 20.70 | 63.4 | | | | | | | 4.900 |
| MINIMUM | | | | | 263 | 4.10 | 11.0 | | | | | | | 4.900 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | 1 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 07 | 76 | 1738 | | | .3 | | | | | 0.020 | | | 0.030 | | 0.010L |
| | | | | | | | MAXIMUM | | | | 0.020 | | | 0.030 | | 0.010 |
| | | | | | | | AVG OR GEOM MN (*) | | | | 0.020 | | | 0.030 | | 0.010D |
| | | | | | | | MINIMUM | | | | 0.020 | | | 0.030 | | 0.010 |
| | | | | | | | NO OF SAMPLES | | | | 1 | | | 1 | | 1 |

B.O.W. / SITE: MANNING DRAIN
SAMPLE POINT: AT ESSEX COUNTY ROADS 2 AND 9 TECUMSEH
STATION TYPE: RIVER

STATION ID: 04-0003-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: MANNING DRAIN

STORET CODE: 02
003
2758

STN NO 2 LAT LONG U.T.M. 17 0345850.0 4685925.0 4 REGION 01 MILEAGE 0.90

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 28 | 01 | 76 | 1335 | | | .3 | 21010 | 4 0 | | 72000. | 650. | 490. | 790. | 0.2 | 4.1 | 5.6 |
| 16 | 02 | 76 | 1250 | | | .3 | 21056 | 4 | | 84000. | 690. | 6100. | 236. | 0.5 | 7.7 | 4.8 |
| 16 | 03 | 76 | 1345 | | | .3 | 21099 | 6 | | 85000. | 230. | 480. | 4. | 5.5 | 11.8 | 2.4 |
| 04 | 05 | 76 | 1720 | | | .3 | 21141 | 6 | | 1940. | 52. | 52. | 4. | 18.0 | 15.3 | 4.5 |
| 22 | 06 | 76 | 1730 | | | .3 | 21256 | 6 | | 4600. | 510. | 660. | 16. | 28.4 | 13.4 | 3.7 |
| 19 | 07 | 76 | 1722 | | | .3 | 21305 | 6 | | 70. | 4. | 150. | 4. | 27.8 | 19.4 | 2.6 |
| 09 | 08 | 76 | 1655 | | | .3 | 21356 | 6 7 | | 280. | 4. | 110. | 4. | 28.5 | 17.8 | 0.6 |
| 07 | 10 | 76 | 0900 | | | .3 | 21428 | 6 | | 41000E+1 | 2900. | 30000. | | 11.0 | 6.4 | 4.8 |
| 18 | 10 | 76 | 1535 | | | .3 | 21457 | 9 | | 48000. | 9100. | 184. | | 11.7 | 16.8 | 3.6 |
| 16 | 11 | 76 | 1115 | | | .3 | 21519 | 6 | | 43000. | 11000. | 80. | 4. | 2.3 | 9.7 | 10.4 |
| 06 | 12 | 76 | 1710 | | | .3 | 21567 | 4 | | 35000E+1 | 140. | 60. | 4. | 1.2 | | 10.8 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--|--|----------|---------|--------|--------|------|------|------|
| | | | | | | | MAXIMUM | | | 41000E+1 | 11000. | 30000. | 790. | 28.5 | 19.4 | 10.8 |
| | | | | | | | AVG OR GEOM MN (*) | | | 16614.* | 300.* D | 376.* | 13.* D | 12.3 | 12.2 | 4.9 |
| | | | | | | | MINIMUM | | | 70. | 4. | 52. | 4. | 0.2 | 4.1 | 0.6 |
| | | | | | | | NO OF SAMPLES | | | 11 | 11 | 11 | 9 | 11 | 10 | 11 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 01 | 76 | 1335 | | | .3 | 0.305 | 0.220 | 1.800 | 2.620 | 0.095 | 1.360 | | | | |
| 16 | 02 | 76 | 1250 | | | .3 | 0.194 | 0.113 | 0.405 | 1.510 | 0.045 | 1.260 | | | | |
| 16 | 03 | 76 | 1345 | | | .3 | 0.450 | 0.350 | 2.300 | | 0.038 | 0.750 | | | | |
| 04 | 05 | 76 | 1720 | | | .3 | 0.450 | 0.342 | 0.755 | 1.450 | 0.193 | 0.980 | | | | |
| 22 | 06 | 76 | 1730 | | | .3 | 1.250 | 0.475 | 0.020 | 0.825 | 1.200 | 2.800 | | | | |
| 19 | 07 | 76 | 1722 | | | .3 | 0.300 | 0.179 | 0.155 | 4.400 | 0.016 | 0.100L | | | | |
| 09 | 08 | 76 | 1655 | | | .3 | 0.136 | 0.073 | 0.011 | 1.390 | 0.005 | 0.010L | | | | |
| 07 | 10 | 76 | 0900 | | | .3 | 0.565 | 0.005 | 1.450 | 2.25 | 0.153 | 1.480 | | | | |
| 18 | 10 | 76 | 1535 | | | .3 | 0.760 | 0.223 | 1.180 | 2.750 | 0.207 | 0.960 | | | | |
| 16 | 11 | 76 | 1115 | | | .3 | 2.500 | 2.190 | 16.600 | 17.200 | 0.081 | 1.590 | | | | |
| 06 | 12 | 76 | 1710 | | | .3 | 1.300 | 0.900 | 24.000 | 27.200 | 0.035 | 0.590 | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|-------|--------|--------|-------|--------|--|--|--|
| | | | | | | | MAXIMUM | 2.500 | 2.190 | 24.000 | 27.200 | 1.200 | 2.800 | | | |
| | | | | | | | AVG OR GEOM MN (*) | 0.746 | 0.461 | 4.425 | 6.160 | 0.188 | 1.078D | | | |
| | | | | | | | MINIMUM | 0.136 | 0.005 | 0.011 | 0.825 | 0.005 | 0.010 | | | |
| | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | 10 | 11 | 11 | | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 01 | 76 | 1335 | | | .3 | 980 | 12.00 | 145.0 | | | | | | | |
| 16 | 02 | 76 | 1250 | | | .3 | 580 | 33.00 | 80.0 | | | | | | | |
| 16 | 03 | 76 | 1345 | | | .3 | 1090 | 10.00 | 148.0 | | | | | | | |
| 04 | 05 | 76 | 1720 | | | .3 | 840 | 5.50 | 12.0 | | | | | | | |
| 22 | 06 | 76 | 1730 | | | .3 | 1020 | 10.00 | 92.0 | | | | | | | |
| 19 | 07 | 76 | 1722 | | | .3 | 780 | 14.00 | 120.0 | | | | | | | |
| 09 | 08 | 76 | 1655 | | | .3 | 780 | 7.80 | 115.0 | | | | | | | |
| 07 | 10 | 76 | 0900 | | | .3 | 750 | 38.00 | 78. | | | | | | | |
| 18 | 10 | 76 | 1535 | | | .3 | 1080 | 6.60 | 98.0 | | | | | | | |
| 16 | 11 | 76 | 1115 | | | .3 | 1320 | 26.00 | 118.0 | | | | | 8.51 | | |
| 06 | 12 | 76 | 1710 | | | .3 | 1810 | 22.00 | 200.0 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|------|-------|-------|--|--|--|------|--|--|
| | | | | | | | MAXIMUM | 1810 | 38.00 | 200.0 | | | | 8.51 | | |
| | | | | | | | AVG OR GEOM MN (*) | 1003 | 16.81 | 109.6 | | | | 8.51 | | |
| | | | | | | | MINIMUM | 580 | 5.50 | 12.0 | | | | 8.51 | | |
| | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | | | | 1 | | |

B.O.W./ SITE: PUCE RIVER
 SAMPLE POINT: AT ESSEX COUNTY ROAD 42 SOUTH OF PUCE
 STATION TYPE: RIVER

STATION ID: 04-0005-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: PUCE RIVER

STORET CODE: 02
 003
 2770

| STN NO | 3 | LAT | LONG | U.T.M. 17 0352500.0 4681925.0 4 | REGION 01 | MILEAGE | 2.10 | | | | | | |
|---------------|------|-----------|------|---------------------------------|-----------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 28 01 76 1315 | | | .3 | 21011 | 6 | | 51000. | 1070. | 290. | 16. | 0.8 | 9.5 | 3.7 |
| 16 02 76 1310 | | | .3 | 21057 | 6 | | 54000. | 920. | 3400. | 148. | 0.9 | 9.0 | 2.9 |
| 16 03 76 1410 | | | .3 | 21100 | 6 | | 30000. | 320. | 210. | 4. | 4.8 | 12.9 | 2.4 |
| 05 05 76 0825 | | | .3 | 21142 | 6 | | 890. | 180. | 430. | 4. | 9.9 | 9.9 | 2.0 |
| 19 05 76 0857 | | | .3 | 21194 | 6 | | 21000. | 900. | 350. | 4. | 10.0 | 10.4 | 2.0 |
| 23 06 76 0916 | | | .3 | 21258 | 6 | | 11000. | 140. | 48. | 20. | 20.2 | 8.6 | 1.1 |
| 20 07 76 0930 | | | .3 | 21307 | 6 | | 620. | 360. | 644. | 4. | 22.0 | 5.9 | 2.0 |
| 10 08 76 0908 | | | .3 | 21358 | 6 | | 320. | 52. | 196. | 4. | 20.0 | 9.8 | 0.3 |
| 07 10 76 0915 | | | .3 | 21429 | 6 | | 40000E+1 | 7400. | 13000. | | 11.9 | 8.3 | 4.0 |
| 18 10 76 1545 | | | .3 | 21458 | 5 | | 3000. | 100. | 300. | | 9.8 | 18.5 | 6.2 |
| 16 11 76 1135 | | | .3 | 21520 | 4 | | 90. | 40. | 440. | 4. | 1.8 | 14.4 | 9.0 |
| 06 12 76 1730 | | | .3 | 21568 | 4 | | 80. | 20. | 4. | 4. | 1.4 | | 7.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

40000E+1
 4188.*
 80.
 12
 12
 12
 10
 12
 11
 12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 01 76 1315 | | | .3 | 0.214 | 0.181 | 0.810 | 1.370 | 0.041 | 2.830 | 452.0 | 14.0 | | |
| 16 02 76 1310 | | | .3 | 0.266 | 0.158 | 0.245 | 1.770 | 0.067 | 2.800 | 318.0 | 67.0 | | |
| 16 03 76 1410 | | | .3 | 0.098 | 0.092 | 0.275 | 0.800 | 0.039 | 4.000 | 548.0 | 32.0 | | |
| 05 05 76 0825 | | | .3 | 0.080 | 0.045 | 0.035 | 0.700 | 0.033 | 1.760 | 586.0 | 18.5 | | |
| 19 05 76 0857 | | | .3 | 0.190 | 0.160 | 0.260 | 1.000 | 0.151 | 4.740 | 512.0 | 36.0 | | |
| 23 06 76 0916 | | | .3 | 0.050 | 0.009 | 0.015 | 0.950 | 0.510 | 9.600 | 596.0 | 15.0L | | |
| 20 07 76 0930 | | | .3 | 0.126 | 0.047 | 0.025 | 1.240 | 0.109 | 0.300 | 482.0 | 51.0 | | |
| 10 08 76 0908 | | | .3 | 0.036 | 0.021 | 0.060 | 0.495 | 0.013 | 0.010 | 456.0 | 20.5 | | |
| 07 10 76 0915 | | | .3 | 0.550 | 0.330 | 0.365 | 2.180 | 0.131 | 9.800 | 644.0 | 80.0 | | |
| 18 10 76 1545 | | | .3 | 0.234 | 0.103 | 0.135 | 2.850 | 0.013 | 0.140 | 608.0 | 69.0 | | |
| 16 11 76 1135 | | | .3 | 0.300 | 0.051 | 0.020 | 2.750 | 0.004 | 0.010L | 564.0 | 45.0 | | |
| 06 12 76 1730 | | | .3 | 0.165 | 0.020 | 0.230 | 2.250 | 0.026 | 0.560 | 1030.0 | 28.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

0.550
 0.192
 0.036
 12
 12
 12
 12
 12
 12
 12
 12
 80.0
 39.70
 14.0

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 28 01 76 1315 | | | .3 | 630 | 33.00 | 65.0 | | | | | | | |
| 16 02 76 1310 | | | .3 | 266 | 125.00 | 20.0 | | | | | | | |
| 16 03 76 1410 | | | .3 | 700 | 45.00 | 38.0 | | | | | | | |
| 05 05 76 0825 | | | .3 | 699 | 28.00 | 37.5 | | | | | | | |
| 19 05 76 0857 | | | .3 | 600 | 89.00 | 33.5 | | | | | | | |
| 23 06 76 0916 | | | .3 | 765 | 9.20 | 44.0 | | | | | | | |
| 20 07 76 0930 | | | .3 | 620 | 65.00 | 52.0 | | | | | | | |
| 10 08 76 0908 | | | .3 | 640 | 34.00 | 78.0 | | | | | | | |
| 07 10 76 0915 | | | .3 | 750 | 83.00 | 74.0 | | | | | | | |
| 18 10 76 1545 | | | .3 | 800 | 78.00 | 90.0 | | | | | | | |
| 16 11 76 1135 | | | .3 | 920 | 41.00 | 108.0 | | | | | | | |
| 06 12 76 1730 | | | .3 | 1050 | 24.00 | 220.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

1050
 703
 266
 12
 12
 12

B.O.W./ SITE: BELLE RIVER
 SAMPLE POINT: AT FIRST ROAD SOUTH OF HIGHWAY 401
 STATION TYPE: RIVER

STATION ID: 04-0007-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BELLE RIVER

STORET CODE: 02
 003
 2800

| STN NO | 2 | LAT | LONG | U.T.M. 17 0358100.0 4676200.0 4 | REGION 01 | MILEAGE | 6.20 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 19 01 | 76 | 1505 | | | .3 | | 21012 | 4 | | 6300. | 220. | 20. | 4. | 0.3 | 8.4 | 1.0 |
| 16 02 | 76 | 1340 | | | .3 | | 21058 | 6 | | 25000. | 400. | 4500. | 32. | 0.6 | 9.8 | 2.5 |
| 16 03 | 76 | 1430 | | | .3 | | 21101 | 6 | | 32000. | 650. | 1100. | 8. | 4.5 | 12.6 | 1.4 |
| 05 05 | 76 | 0850 | | | .3 | | 21143 | 6 | | 38000. | 560. | 80. | 4. | 10.1 | 8.5 | 1.6 |
| 19 05 | 76 | 0925 | | | .3 | | 21195 | 6 | | 61000. | 7500. | 1700. | 4. | 11.8 | 8.6 | 2.2 |
| 23 06 | 76 | 0947 | | | .3 | | 21259 | 6 | | 1300. | 330. | 90. | 16. | 20.2 | 6.3 | 1.3 |
| 20 07 | 76 | 0952 | | | .3 | | 21308 | 6 | | 5000. | 1200. | 310. | 4. | 21.4 | 10.3 | 5.0 |
| 10 08 | 76 | 0934 | | | .3 | | 21359 | 9 | | 170. | 64. | 110. | 4. | 18.8 | 8.6 | 1.4 |
| 07 10 | 76 | 0935 | | | .3 | | 21430 | 6 | | 41000E+1 | 98000. | 36000. | 13. | 12.2 | 6.5 | 4.4 |
| 18 10 | 76 | 1625 | | | .3 | | 21459 | 6 | | 376. | 24. | 30. | | 8.2 | 15.4 | 2.1 |
| 16 11 | 76 | 1155 | | | .3 | | 21521 | 4 | | 1100. | 210. | 360. | 4. | 4.0 | 9.7 | 2.1 |
| 07 12 | 76 | 1040 | | | .3 | | 21569 | 4 | | 6000. | 80. | 4. | 4. | 1.5 | 7.0 | 2.6 |
| MAXIMUM | | | | | | | | | | 41000E+1 | 98000. | 36000. | 32. | 21.4 | 15.4 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 6970.* | 499.* | 252.* | 6.* | 9.5 | 9.3 | 2.3 |
| MINIMUM | | | | | | | | | | 170. | 24. | 4. | 4. | 0.3 | 6.3 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 19 01 | 76 | 1505 | | | .3 | | | 0.104 | 1.080 | | 0.032 | 1.650 | 678.0 | 15.0L | | |
| 16 02 | 76 | 1340 | | | .3 | | 0.282 | 0.231 | 0.385 | 1.580 | 0.073 | 1.600 | 252.0 | 87.0 | | |
| 16 03 | 76 | 1430 | | | .3 | | 0.342 | 0.104 | 0.205 | 1.200 | 0.033 | 2.370 | | | | |
| 05 05 | 76 | 0850 | | | .3 | | 0.084 | 0.061 | 0.060 | 0.990 | 0.040 | 1.420 | | | | |
| 19 05 | 76 | 0925 | | | .3 | | 0.250 | 0.139 | 0.280 | 1.650 | 0.142 | 3.700 | | | | |
| 23 06 | 76 | 0947 | | | .3 | | 0.181 | 0.106 | 0.015 | 2.150 | 0.730 | 14.400 | | | | |
| 20 07 | 76 | 0952 | | | .3 | | 0.320 | 0.092 | 0.085 | 1.980 | 0.083 | 1.200 | | | | |
| 10 08 | 76 | 0934 | | | .3 | | 0.230 | 0.089 | 0.065 | 1.380 | 0.068 | 0.060 | | | | |
| 07 10 | 76 | 0935 | | | .3 | | 0.515 | 0.305 | 0.425 | 2.320 | 0.108 | 10.600 | | | | |
| 18 10 | 76 | 1625 | | | .3 | | 0.087 | 0.028 | 0.350 | 0.950 | 0.027 | 1.000 | | | | |
| 16 11 | 76 | 1155 | | | .3 | | 0.073 | 0.022 | 0.085 | 1.050 | 0.007 | 0.020 | | | | |
| 07 12 | 76 | 1040 | | | .3 | | 0.119 | 0.037 | 0.195 | 1.050 | 0.012 | 0.350 | | | | |
| MAXIMUM | | | | | | | 0.515 | 0.305 | 1.080 | 2.320 | 0.730 | 14.400 | 678.0 | 87.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.226 | 0.110 | 0.269 | 1.482 | 0.113 | 3.198 | 465.0 | 51.0D | | |
| MINIMUM | | | | | | | 0.073 | 0.022 | 0.015 | 0.950 | 0.007 | 0.020 | 252.0 | 15.0 | | |
| NO OF SAMPLES | | | | | | | 11 | 12 | 12 | 11 | 12 | 12 | 2 | 2 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 19 01 | 76 | 1505 | | | .3 | | 960 | 7.50 | 65.0 | | | | | | 0.67 | |
| 16 02 | 76 | 1340 | | | .3 | | 200 | 120.00 | 12.0 | | | | | | 8.50 | |
| 16 03 | 76 | 1430 | | | .3 | | 660 | 67.00 | 34.5 | | | | | | | 4.200 |
| 05 05 | 76 | 0850 | | | .3 | | 760 | 31.00 | 40.0 | | | | | | | 4.000 |
| 19 05 | 76 | 0925 | | | .3 | | 600 | 105.00 | 30.0 | | | | | | | 7.100 |
| 23 06 | 76 | 0947 | | | .3 | | 800 | 18.00 | 44.0 | | | | | | | 1.700 |
| 20 07 | 76 | 0952 | | | .3 | | 700 | 70.00 | 39.0 | | | | | | | |
| 10 08 | 76 | 0934 | | | .3 | | 720 | 32.00 | 47.0 | | | | | | | 2.300 |
| 07 10 | 76 | 0935 | | | .3 | | 700 | 110.00 | 68.0 | | | | | | | 8.100 |
| 18 10 | 76 | 1625 | | | .3 | | 910 | 6.80 | 88.0 | | | | | 7.93 | | 0.610 |
| 16 11 | 76 | 1155 | | | .3 | | 1180 | 4.30 | 115.0 | | | | | 7.58 | | 0.660 |
| 07 12 | 76 | 1040 | | | .3 | | 1260 | 4.40 | 132.0 | | | | | | | 0.580 |
| MAXIMUM | | | | | | | 1260 | 120.00 | 132.0 | | | | | 7.93 | 8.50 | 8.100 |
| AVG OR GEOM MN (*) | | | | | | | 788 | 48.00 | 59.5 | | | | | 7.76 | 4.59 | 3.250 |
| MINIMUM | | | | | | | 200 | 4.30 | 12.0 | | | | | 7.58 | 0.67 | 0.580 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | 2 | 2 | 9 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 19 01 | 76 | 1505 | | | .3 | | 1.0L | | | | | | | | 37 | 2L |
| 16 02 | 76 | 1340 | | | .3 | | 1.0L | | | | | | | | 39 | 38 |
| 16 03 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | | 46 | 7 |
| 05 05 | 76 | 0850 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 19 05 | 76 | 0925 | | | .3 | | 2.0 | | | | | | | | 41 | |
| 23 06 | 76 | 0947 | | | .3 | | 1.0 | | | | | | | | 45 | 2L |
| 20 07 | 76 | 0952 | | | .3 | | 1.0 | | | | | | | | 50 | 2L |
| 10 08 | 76 | 0934 | | | .3 | | 1.0 | | | | | | | | 35 | 2L |
| 07 10 | 76 | 0935 | | | .3 | | 2.0 | | | | | | | | 51 | |
| 18 10 | 76 | 1625 | | | .3 | | 8.0 | | | | | | | | | 2L |
| 16 11 | 76 | 1155 | | | .3 | | 6.0 | | | | 20 | | | | 50 | 2L |
| 07 12 | 76 | 1040 | | | .3 | | 2.0 | | | | | | | | 61 | 2L |
| MAXIMUM | | | | | | | 8.0 | | | | 20 | | | | 61 | 38 |
| AVG OR GEOM MN (*) | | | | | | | 2.3D | | | | 20 | | | | 44 | 7D |
| MINIMUM | | | | | | | 1.0 | | | | 20 | | | | 24 | 2 |
| NO OF SAMPLES | | | | | | | 12 | | | | 1 | | | | 11 | 9 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 01 | 76 | 1505 | | | .3 | | | | | | 0.030 | | | 0.060 | | 0.020L |
| 16 | 02 | 76 | 1340 | | | .3 | | | | 8.500 | | 0.020 | | | 0.050 | | 0.020L |
| 16 | 03 | 76 | 1430 | | | .3 | | | | | | 0.020 | | | 0.020 | | 0.400 |
| 05 | 05 | 76 | 0850 | | | .3 | | | | | | 0.060 | | | 0.300 | | 0.020L |
| 19 | 05 | 76 | 0925 | | | .3 | | | | | | 0.010 | | | 0.058 | | 0.014 |
| 23 | 06 | 76 | 0947 | | | .3 | | | | | | 0.010L | | | 0.010 | | 0.020L |
| 10 | 08 | 76 | 0934 | | | .3 | | | | | | 0.020 | | | 0.040 | | 0.010L |
| 07 | 10 | 76 | 0935 | | | .3 | | | | | | 0.010L | | | 0.040 | | 0.010L |
| 18 | 10 | 76 | 1625 | | | .3 | | | | | | 0.030 | | | 0.020 | | 0.010L |
| 16 | 11 | 76 | 1155 | | | .3 | | | | | | 0.010L | | | 0.020L | | 0.020L |
| 07 | 12 | 76 | 1040 | | | .3 | | | | | | 0.010L | | | 0.010L | | 0.020L |
| MAXIMUM | | | | | | | | | | 8.500 | | 0.060 | | | 0.300 | | 0.400 |
| AVG OR GEOM MN (*) | | | | | | | | | | 8.500 | | 0.021D | | | 0.057D | | 0.051D |
| MINIMUM | | | | | | | | | | 8.500 | | 0.010 | | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | | | 1 | | 11 | | | 11 | | 11 |

B.O.W./ SITE: RUSCOM RIVER
SAMPLE POINT: 1 MILE EAST OF EXIT 6 ON HIGHWAY 401
STATION TYPE: RIVER FLOW GAUGE FED 02GH002

STATION ID: 04-0010-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: RUSCOM RIVER

STORET CODE: 02
003
2830

| STN NO | 2 | LAT | LONG | U.T.M. 17 0366600.0 4676625.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 6.20 | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 | 01 | 76 | 1425 | | | .3 | | 21013 | 6 | 100.00 | 37000. | 480. | 1440. | 148. | 0.3 | 10.2 | 2.9 |
| 16 | 03 | 76 | 1450 | | | .3 | | 21102 | 6 | 39.20 | 20000. | 580. | 1300. | 4. | 0.3 | 13.6 | 0.8 |
| 05 | 05 | 76 | 0910 | | | .3 | | 21144 | 6 9 | 6.30 | 1600. | 100. | 80. | 4. | 11.7 | 9.8 | 1.2 |
| 19 | 05 | 76 | 0943 | | | .3 | | 21196 | 6 9 | 12.30 | 22000. | 380. | 570. | 4. | 11.0 | 9.8 | 1.6 |
| 23 | 06 | 76 | 1013 | | | .3 | | 21260 | 6 | 3.00 | 1930. | 260. | 410. | 8. | 21.8 | 8.7 | 1.3 |
| 20 | 07 | 76 | 1011 | | | .3 | | 21309 | 6 | 0.90 | 10000. | 240. | 590. | 40. | 21.4 | 8.7 | 4.0 |
| 10 | 08 | 76 | 1114 | | | .3 | | 21360 | 6 | 0.43 | 1600. | 300. | 270. | 4. | 20.3 | 11.7 | 1.2 |
| 07 | 10 | 76 | 0950 | | | .3 | | 21431 | 6 | 16.90 | 21000E+1 | 2700. | 9200. | | 11.5 | 8.2 | 3.0 |
| 19 | 10 | 76 | 0950 | | | .3 | | 21460 | 6 | 0.93 | 2000. | 100. | 400. | | 6.8 | 14.2 | 1.4 |
| 16 | 11 | 76 | 1205 | | | .3 | | 21522 | 6 | 1.20 | 330. | 4. | 48. | 4. | 5.0 | 13.6 | 1.5 |
| 07 | 12 | 76 | 1105 | | | .3 | | 21570 | 4 | 0.77 | 9000. | 60. | 110. | 4. | 0.5 | 13.0 | 1.3 |
| MAXIMUM | | | | | | | | | | 100.00 | 21000E+1 | 2700. | 9200. | 148. | 21.8 | 14.2 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 16.54 | 6581.* | 192.* D | 436.* | 8.* D | 10.1 | 11.0 | 1.3 |
| MINIMUM | | | | | | | | | | 0.43 | 330. | 4. | 48. | 4. | 0.3 | 8.2 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | 11 | 9 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 01 | 76 | 1425 | | | .3 | | 0.214 | 0.120 | 0.215 | 1.370 | 0.039 | 4.500 | | | | |
| 16 | 03 | 76 | 1450 | | | .3 | | 0.115 | 0.068 | 0.080 | 0.795 | 0.029 | 5.700 | | | | |
| 05 | 05 | 76 | 0910 | | | .3 | | 0.063 | 0.024 | 0.035 | 0.740 | 0.029 | 2.210 | | | | |
| 19 | 05 | 76 | 0943 | | | .3 | | 0.097 | 0.041 | 0.080 | 0.710 | 0.072 | 4.200 | | | | |
| 23 | 06 | 76 | 1013 | | | .3 | | 0.166 | 0.046 | 0.035 | 1.330 | 0.232 | 6.800 | | | | |
| 20 | 07 | 76 | 1011 | | | .3 | | 0.134 | 0.010 | 0.025 | 1.310 | 0.006 | 0.100L | | | | |
| 10 | 08 | 76 | 1114 | | | .3 | | 0.155 | 0.041 | 0.050 | 0.825 | 0.015 | 1.530 | | | | |
| 07 | 10 | 76 | 0950 | | | .3 | | 0.202 | 0.077 | 0.155 | 1.400 | 0.055 | 6.300 | | | | |
| 19 | 10 | 76 | 0950 | | | .3 | | 0.053 | 0.013 | 0.020 | 0.565 | 0.004 | 0.010L | | | | |
| 16 | 11 | 76 | 1205 | | | .3 | | 0.028 | 0.013 | 0.035 | 0.425 | 0.007 | 0.090 | | | | |
| 07 | 12 | 76 | 1105 | | | .3 | | 0.025 | 0.005 | 0.030 | 0.495 | 0.017 | 1.050 | | | | |
| MAXIMUM | | | | | | | | 0.214 | 0.120 | 0.215 | 1.400 | 0.232 | 6.800 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.114 | 0.042 | 0.069 | 0.906 | 0.046 | 2.954D | | | | |
| MINIMUM | | | | | | | | 0.025 | 0.005 | 0.020 | 0.425 | 0.004 | 0.010 | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 01 | 76 | 1425 | | | .3 | | 515 | 26.00 | 33.5 | | | | | 7.50 | | |
| 16 | 03 | 76 | 1450 | | | .3 | | 650 | 53.00 | 27.5 | | | | | | | |
| 05 | 05 | 76 | 0910 | | | .3 | | 690 | 33.00 | 31.5 | | | | | | | |
| 19 | 05 | 76 | 0943 | | | .3 | | 670 | 62.00 | 30.0 | | | | | | | |
| 23 | 06 | 76 | 1013 | | | .3 | | 780 | 74.00 | 40.0 | | | | | | | |
| 20 | 07 | 76 | 1011 | | | .3 | | 680 | 46.00 | 37.5 | | | | | | | |
| 10 | 08 | 76 | 1114 | | | .3 | | 560 | 40.00 | 40.0 | | | | | | | |
| 07 | 10 | 76 | 0950 | | | .3 | | 770 | 79.00 | 68.0 | | | | | | | |
| 19 | 10 | 76 | 0950 | | | .3 | | 760 | 22.00 | 46.0 | | | | | | | |
| 16 | 11 | 76 | 1205 | | | .3 | | 780 | 12.00 | 43.0 | | | | | | | |
| 07 | 12 | 76 | 1105 | | | .3 | | 1030 | 8.90 | 57.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1030 | 79.00 | 68.0 | | | | | 7.50 | | |
| AVG OR GEOM MN (*) | | | | | | | | 717 | 41.45 | 41.3 | | | | | 7.50 | | |
| MINIMUM | | | | | | | | 515 | 8.90 | 27.5 | | | | | 7.50 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | 1 | | |

B.O.W./ SITE: NORTH THAMES RIVER
 SAMPLE POINT: AT PARK STREET BRIDGE, ST MARYS
 STATION TYPE: RIVER FLOW GAUGE FED 02GD005

STATION ID: 04-0013-015-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

| STN NO | 15 | LAT | LONG | U.T.M. 17 0488200.0 4788950.0 4 | REGION 01 | MILEAGE | 158.30 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|--------|-------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1115 | | | .3 | | 21030 | 6 | 215.00 | 2100. | 84. | 170. | 0. | 1.0 | 13.2 | 1.0 |
| 23 | 02 | 76 | 1400 | | | .3 | | 21076 | 6 | 3220.00 | 1830. | 100. | 2600. | 4. L | 0.2 | 14.0 | 1.6 |
| 15 | 03 | 76 | 1500 | | | .3 | | 21094 | 6 | 1400.00 | 1000. | 32. | 250. | 32. | 2.8 | 14.2 | 1.0 |
| 29 | 04 | 76 | 1150 | | | .3 | | 21168 | 6 | 864.00 | 2700. | 160. | 290. | 4. L | 8.3 | 13.0 | 1.4 |
| 20 | 05 | 76 | 1113 | | | .3 | | 21215 | 6 | 198.00 | 52. | 32. | 24. | | 12.0 | 12.0 | 1.8 |
| 14 | 06 | 76 | 1110 | | | .3 | | 21269 | 6 | 56.10 | 1200. | 120. | 28. | 4. L | 23.5 | 10.9 | 1.8 |
| 08 | 07 | 76 | 1116 | | | .3 | | 21318 | 6 | 86.50 | 2500. | 684. | 284. | 8. | 23.9 | 9.6 | 2.8 |
| 05 | 08 | 76 | 1032 | | | .3 | | 21369 | 6 | 137.00 | 2700. | 200. | 84. | 4. L | 21.4 | 11.8 | 1.6 |
| 20 | 09 | 76 | 1120 | | | .3 | | 21403 | 6 | 176.00 | 4200. | 648. | 168. | 8. | 18.4 | 14.1 | 1.5 |
| 14 | 10 | 76 | 1155 | | | .3 | | 21444 | 6 | 142.00 | 520. | 152. | 244. | 4. L | 10.0 | 12.4 | 2.3 |
| 09 | 11 | 76 | 1125 | | | .3 | | 21498 | 6 | 187.00 | 1000. | 370. | 490. | 4. L | 1.2 | 16.8 | 1.0 |
| 08 | 12 | 76 | 1205 | | | .3 | | 21584 | 6 | 190.00 | 2800. | 44. | 36. | 4. L | 1.8 | | 1.2 |
| MAXIMUM | | | | | | | | | | 3220.00 | 4200. | 684. | 2600. | 32. | 23.9 | 16.8 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 572.63 | 1315.* | 135.* | 164.* | 5.* D | 10.4 | 12.9 | 1.6 |
| MINIMUM | | | | | | | | | | 56.10 | 52. | 32. | 24. | 0. | 0.2 | 9.6 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 12 | 11 | 12 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 | 01 | 76 | 1115 | | | .3 | | 0.081 | 0.053 | 0.270 | 0.795 | 0.031 | 4.000 | 390.0 | 15.0L | | |
| 23 | 02 | 76 | 1400 | | | .3 | | 0.128 | 0.073 | 0.165 | 0.760 | 0.026 | 5.500 | 324.0 | 30.5 | | |
| 15 | 03 | 76 | 1500 | | | .3 | | 0.087 | 0.055 | 0.145 | 0.705 | 0.019 | 5.300 | 338.0 | 15.0L | | |
| 29 | 04 | 76 | 1150 | | | .3 | | 0.079 | 0.044 | 0.030 | 0.595 | 0.041 | 4.600 | 362.0 | 15.0L | | |
| 20 | 05 | 76 | 1113 | | | .3 | | 0.055 | 0.033 | 0.035 | 0.545 | 0.039 | 2.560 | 386.0 | 11.0 | | |
| 14 | 06 | 76 | 1110 | | | .3 | | 0.049 | 0.003 | 0.030 | 0.700 | 0.019 | 0.260 | 306.0 | 16.0 | | |
| 08 | 07 | 76 | 1116 | | | .3 | | 0.061 | 0.008 | 0.035 | 0.870 | 0.059 | 1.210 | 322.0 | 19.0 | | |
| 05 | 08 | 76 | 1032 | | | .3 | | 0.050 | 0.005 | 0.010 | 0.765 | 0.037 | 0.690 | 282.0 | 11.0 | | |
| 20 | 09 | 76 | 1120 | | | .3 | | | | | | | 332.0 | | 13.5 | 319 | |
| 14 | 10 | 76 | 1155 | | | .3 | | 0.050 | 0.003 | 0.010 | 0.940 | 0.013 | 1.190 | 324.0 | 15.5 | | |
| 09 | 11 | 76 | 1125 | | | .3 | | 0.094 | 0.031 | 0.010 | 0.515 | 0.018 | 3.100 | 414.0 | 4.5 | | |
| 08 | 12 | 76 | 1205 | | | .3 | | 0.030 | 0.016 | 0.005L | 0.415 | 0.024 | 6.600 | 464.0 | 15.0L | | |
| MAXIMUM | | | | | | | | 0.128 | 0.073 | 0.270 | 0.940 | 0.059 | 6.600 | 464.0 | 30.5 | 319 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.069 | 0.029 | 0.068D | 0.691 | 0.030 | 3.183 | 353.7 | 15.10 | 319 | |
| MINIMUM | | | | | | | | 0.030 | 0.003 | 0.005 | 0.415 | 0.013 | 0.260 | 282.0 | 4.5 | 319 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 1 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 | 1115 | | | .3 | | 660 | 5.30 | 18.5 | | | | | | | |
| 23 | 02 | 76 | 1400 | | | .3 | | 441 | 14.00 | 11.5 | | | | | | | |
| 15 | 03 | 76 | 1500 | | | .3 | | 479 | 6.20 | 12.0 | | | | | | | |
| 29 | 04 | 76 | 1150 | | | .3 | | 510 | 6.10 | 11.5 | | | | | | | |
| 20 | 05 | 76 | 1113 | | | .3 | | 540 | 2.00 | 18.5 | | | | | | | |
| 14 | 06 | 76 | 1110 | | | .3 | | 485 | 4.10 | 26.0 | | | | | | | |
| 08 | 07 | 76 | 1116 | | | .3 | | 480 | 10.00 | 25.5 | | | | | | | |
| 05 | 08 | 76 | 1032 | | | .3 | | 415 | 6.30 | 14.0 | | | | | | | |
| 20 | 09 | 76 | 1120 | | | .3 | | 530 | 6.40 | | | | | | | | |
| 14 | 10 | 76 | 1155 | | | .3 | | 540 | 9.10 | 25.0 | | | | | | | |
| 09 | 11 | 76 | 1125 | | | .3 | | 660 | 3.60 | 30.0 | | | | | | | |
| 08 | 12 | 76 | 1205 | | | .3 | | 700 | 2.80 | 22.5 | | | | | | | |
| MAXIMUM | | | | | | | | 700 | 14.00 | 30.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 537 | 6.33 | 19.5 | | | | | | | |
| MINIMUM | | | | | | | | 415 | 2.00 | 11.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | | | | | | | |

CONT'D

B.O.W. / SITE: THAMES RIVER
 SAMPLE POINT: AT DUNDAS STREET WOODSTOCK
 STATION TYPE: RIVER FLOW GAUGE FED 02GD012

STATION ID: 04-0013-016-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

| STN NO | 16 | LAT | LONG | U.T.M. 17 0517950.0 4774700.0 4 | REGION 01 | MILEAGE | 160.40 | | | | | | | |
|-------------------------------|------------------|---------|--------------------|---------------------------------|---------------|---------|--------------|-------------------------------|-------------------------------|----------------------------|---------------------------|--------------------------|--------------------|---------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 01 76 1315 | | | .3 | | 21034 | 6 | 44.00 | 12800E+1 | 4900. | 4100. | 13. | 2.3 | 1.6 | 4.8 |
| 24 02 76 1500 | | | .3 | | 21080 | 6 | 570.00 | 20000. | 3400. | 1800. | 128. | 2.7 | 13.2 | 2.8 |
| 25 03 76 1200 | | | .3 | | 21126 | 6 | 386.00 | 54000. | 4500. | 2400. | | | | 3.0 |
| 26 04 76 1225 | | | .3 | | 21172 | 6 | 131.00 | 21000E+1 | 23000. | 5600. | 548. | 6.2 | 12.5 | 5.2 |
| 17 05 76 1130 | | | .3 | | 21219 | 6 | 130.00 | 22000E+1 | 5000. | 3200. | 368. | 13.9 | 9.5 | 4.7 |
| 21 06 76 1313 | | | .3 | | 21241 | 6 | 23.10 | 14500E+1 | 9000. | 2800. | 4. L | 21.8 | 8.8 | 3.3 |
| 22 07 76 1255 | | | .3 | | 21293 | 6 | 41.10 | 81000. | 1500. | 500. | 116. | 20.9 | 8.2 | 2.0 |
| 11 08 76 1241 | | | .3 | | 21344 | 9 | 66.10 | 41000. | 2800. | 3000. | 9. | 22.2 | 9.6 | 3.4 |
| 21 09 76 1250 | | | .3 | | 21398 | 6 | 43.30 | 23000. | 160. | 8. | 16. | 16.6 | 10.0 | 4.1 |
| 21 10 76 1225 | | | .3 | | 21486 | 6 | 136.00 | 22000. | 580. | 1120. | 12. | 8.9 | 11.2 | 3.9 |
| 24 11 76 1230 | | | .3 | | 21543 | 6 | 35.70 | 13800E+1 | 1390. | 2700. | 68. | 3.2 | 12.2 | 3.5 |
| 15 12 76 1220 | | | .3 | | 21595 | 6 | 35.50 | 14100E+1 | 5700. | 2300. | 120. | 2.0 | 12.8 | 7.0 |

| | | | | | | | | |
|--------------------|--------|----------|--------|--------|--------|------|------|-----|
| MAXIMUM | 570.00 | 22000E+1 | 23000. | 5600. | 548. | 22.2 | 13.2 | 7.0 |
| AVG OR GEOM MN (*) | 136.82 | 74714.* | 2807.* | 1432.* | 46.* D | 11.0 | 10.0 | 4.0 |
| MINIMUM | 23.10 | 20000. | 160. | 8. | 4. | 2.0 | 1.6 | 2.0 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 12 |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 13 01 76 1315 | | | .3 | | 0.181 | 0.067 | 0.615 | 1.590 | 0.089 | 6.190 | | | | |
| 24 02 76 1500 | | | .3 | | 0.161 | 0.119 | 0.455 | 0.940 | 0.053 | 7.600 | 340.0 | 8.5 | | |
| 25 03 76 1200 | | | .3 | | 0.294 | 0.129 | 0.010 | 0.795 | 0.195 | 3.800 | 366.0 | 27.0 | | |
| 26 04 76 1225 | | | .3 | | 0.305 | 0.141 | 0.405 | 1.230 | 0.057 | 5.100 | 392.0 | 10.0 | | |
| 17 05 76 1130 | | | .3 | | 0.168 | 0.025 | 0.290 | 1.030 | 0.077 | 3.900 | 428.0 | 15.0 | | |
| 21 06 76 1313 | | | .3 | | 0.184 | 0.066 | 0.290 | 0.850 | 0.281 | 3.200 | 442.0 | 13.5 | | |
| 22 07 76 1255 | | | .3 | | 0.096 | 0.024 | 0.005L | 0.890 | 0.110 | 2.790 | 440.0 | 29.5 | | |
| 11 08 76 1241 | | | .3 | | 0.230 | 0.112 | 0.025 | 0.925 | 0.294 | 1.770 | 402.0 | 27.5 | | |
| 21 09 76 1250 | | | .3 | | | | | | | | 468.0 | 14.5 | 454 | |
| 21 10 76 1225 | | | .3 | | 0.104 | 0.009 | 0.520 | 1.300 | 0.053 | 1.000 | 416.0 | 7.0 | | |
| 24 11 76 1230 | | | .3 | | 0.145 | 0.071 | 1.950 | 2.700 | 0.116 | 3.000 | 616.0 | 15.0L | | |
| 15 12 76 1220 | | | .3 | | 0.350 | 0.237 | 1.600 | 2.300 | 0.113 | 3.300 | 630.0 | 10.5 | | |

| | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|-----|
| MAXIMUM | 0.350 | 0.237 | 1.950 | 2.700 | 0.294 | 7.600 | 630.0 | 29.5 | 454 |
| AVG OR GEOM MN (*) | 0.202 | 0.091 | 0.560D | 1.323 | 0.131 | 3.786 | 449.1 | 16.2D | 454 |
| MINIMUM | 0.096 | 0.009 | 0.005 | 0.795 | 0.053 | 1.000 | 340.0 | 7.0 | 454 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 1 |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 13 01 76 1315 | | | .3 | | 910 | 3.80 | 60.0 | | | | | | | |
| 24 02 76 1500 | | | .3 | | 510 | 14.00 | 28.0 | | | | | | | |
| 25 03 76 1200 | | | .3 | | 457 | 26.00 | 24.5 | | | | | | | |
| 26 04 76 1225 | | | .3 | | 595 | 8.50 | 35.0 | | | | | | | |
| 17 05 76 1130 | | | .3 | | 600 | 4.60 | 36.0 | | | | | | | |
| 21 06 76 1313 | | | .3 | | 670 | 4.70 | 58.0 | | | | | | | |
| 22 07 76 1255 | | | .3 | | 660 | 5.40 | 45.0 | | | | | | | |
| 11 08 76 1241 | | | .3 | | 620 | 8.10 | 44.0 | | | | | | | |
| 21 09 76 1250 | | | .3 | | 740 | 7.70 | | | | | | | | |
| 21 10 76 1225 | | | .3 | | 670 | 4.80 | 38.0 | | | | | | | |
| 24 11 76 1230 | | | .3 | | 920 | 5.40 | 63.0 | | | | | | | |
| 15 12 76 1220 | | | .3 | | 1000 | 5.60 | 78.0 | | | | | | | |

| | | | |
|--------------------|------|-------|------|
| MAXIMUM | 1000 | 26.00 | 78.0 |
| AVG OR GEOM MN (*) | 696 | 8.22 | 46.3 |
| MINIMUM | 457 | 3.80 | 24.5 |
| NO OF SAMPLES | 12 | 12 | 11 |

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT FIRST ROAD SOUTH OF INNERKIP
STATION TYPE: RIVER FLOW GAUGE MOE 02GD105

STATION ID: 04-0013-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 18 | LAT | LONG | U.T.M. 17 0525175.0 4783200.0 4 | REGION 01 | MILEAGE | 169.10 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1220 | | .3 | | 21036 | 4 | | 13000. | 44. | 3000. | 0. | 0.8 | 13.0 | 7.6 |
| 24 | 02 | 76 | 1415 | | .3 | | 21082 | 6 | | 1090. | 180. | 5200. | 4. L | 2.3 | 12.4 | 1.3 |
| 25 | 03 | 76 | 1200 | | .3 | | 21128 | 6 | | 3000. | 170. | 4500. | 0. | | | 2.1 |
| 26 | 04 | 76 | 1310 | | .3 | | 21174 | 6 | | 29000. | 530. | 3200. | | 5.0 | 12.6 | 2.4 |
| 17 | 05 | 76 | 1213 | | .3 | | 21221 | 6 9 | | 200. | 120. | 100. | 4. | 15.1 | 10.3 | 0.9 |
| 21 | 06 | 76 | 1237 | | .3 | | 21243 | 6 | | 1420. | 890. | 140. | 4. L | 19.0 | 11.3 | 1.4 |
| 22 | 07 | 76 | 1215 | | .3 | | 21291 | 6 | | 16000. | 480. | 250. | 4. L | 22.0 | 11.4 | 0.4 |
| 11 | 08 | 76 | 1207 | | .3 | | 21342 | 9 | | 1400. | 280. | 420. | 4. L | 23.1 | 16.1 | 1.4 |
| 21 | 09 | 76 | 1405 | | .3 | | 21396 | 6 | | 410. | 170. | 4. L | 4. L | 16.8 | 15.8 | |
| 21 | 10 | 76 | 1325 | | .3 | | 21488 | 6 | | 15000. | 3200. | 4700. | 8. | 8.6 | 12.0 | 1.5 |
| 24 | 11 | 76 | 1320 | | .3 | | 21545 | 6 | | 1660. | 30. | 12. | 4. L | 1.9 | 13.4 | 1.0 |
| 15 | 12 | 76 | 1340 | | .3 | | 21597 | 4 | | 1500. | 48. | 56. | 4. L | 1.8 | 12.8 | 1.0 |
| MAXIMUM | | | | | | | | | | 29000. | 3200. | 5200. | 8. | 23.1 | 16.1 | 7.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 2650.* | 212.* | 356.* D | 3.* D | 10.6 | 12.8 | 1.9 |
| MINIMUM | | | | | | | | | | 200. | 30. | 4. | 0. | 0.8 | 10.3 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 11 | 11 | 11 | 11 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 13 | 01 | 76 | 1220 | | .3 | | 0.059 | 0.005 | 0.005L | 0.750 | 0.043 | 5.000 | | | | |
| 24 | 02 | 76 | 1415 | | .3 | | 0.120 | 0.072 | 0.165 | 0.745 | 0.036 | 4.600 | | | | |
| 25 | 03 | 76 | 1200 | | .3 | | 0.242 | 0.087 | 0.095 | 1.070 | 0.151 | 3.700 | | | | |
| 26 | 04 | 76 | 1310 | | .3 | | 0.345 | 0.181 | 0.185 | 1.730 | 0.047 | 6.400 | | | | |
| 17 | 05 | 76 | 1213 | | .3 | | 0.047 | 0.007 | 0.005 | 0.575 | 0.053 | 3.470 | | | | |
| 21 | 06 | 76 | 1237 | | .3 | | 0.033 | 0.003 | 0.015 | 0.805 | 0.020 | 0.950 | | | | |
| 22 | 07 | 76 | 1215 | | .3 | | 0.081 | 0.047 | 0.015 | 0.755 | 0.119 | 5.800 | | | | |
| 11 | 08 | 76 | 1207 | | .3 | | 0.031 | 0.005 | 0.045 | 0.625 | 0.015 | 1.240 | | | | |
| 21 | 09 | 76 | 1405 | | .3 | | 0.039 | 0.021 | 0.005L | 0.655 | 0.043 | 3.300 | | | | |
| 21 | 10 | 76 | 1325 | | .3 | | 0.048 | 0.015 | 0.065 | 0.720 | 0.037 | 5.800 | | | | |
| 24 | 11 | 76 | 1320 | | .3 | | 0.020 | 0.004 | 0.165 | 0.655 | 0.025 | 3.500 | | | | |
| 15 | 12 | 76 | 1340 | | .3 | | 0.029 | 0.011 | 0.055 | 0.420 | 0.026 | 3.900 | | | | |
| MAXIMUM | | | | | | | 0.345 | 0.181 | 0.185 | 1.730 | 0.151 | 6.400 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.091 | 0.038 | 0.068D | 0.792 | 0.051 | 3.972 | | | | |
| MINIMUM | | | | | | | 0.020 | 0.003 | 0.005 | 0.420 | 0.015 | 0.950 | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 13 | 01 | 76 | 1220 | | .3 | | 855 | 2.20 | 28.5 | | | | | | | |
| 24 | 02 | 76 | 1415 | | .3 | | 525 | 8.70 | 20.5 | | | | | | | |
| 25 | 03 | 76 | 1200 | | .3 | | 487 | 34.00 | 22.5 | | | | | | | |
| 26 | 04 | 76 | 1310 | | .3 | | 440 | 50.00 | 17.0 | | | | | | | |
| 17 | 05 | 76 | 1213 | | .3 | | 700 | 1.30 | 22.5 | | | | | | | |
| 21 | 06 | 76 | 1237 | | .3 | | 760 | 2.20 | 21.0 | | | | | | | |
| 22 | 07 | 76 | 1215 | | .3 | | 700 | 2.40 | 30.0 | | | | | | | |
| 11 | 08 | 76 | 1207 | | .3 | | 770 | 1.70 | 31.0 | | | | | | | |
| 21 | 09 | 76 | 1405 | | .3 | | | | 29.0 | | | | | | | |
| 21 | 10 | 76 | 1325 | | .3 | | 800 | 2.80 | 32.0 | | | | | | | |
| 24 | 11 | 76 | 1320 | | .3 | | 850 | 1.40 | 43.0 | | | | | | | |
| 15 | 12 | 76 | 1340 | | .3 | | 930 | 2.50 | 35.5 | | | | | | | |
| MAXIMUM | | | | | | | 930 | 50.00 | 43.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 711 | 9.93 | 27.7 | | | | | | | |
| MINIMUM | | | | | | | 440 | 1.30 | 17.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 12 | | | | | | | |

B.O.W./ SITE: AVON RIVER
SAMPLE POINT: AT LORNE AVE STRATFORD
STATION TYPE: RIVER FLOW GAUGE FED 02GDO18

STATION ID: 04-0013-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 25 | LAT | | LONG | | U.T.M. 17 0498550.0 4801125.0 4 | | | | REGION 01 | | MILEAGE 173.10 | | | | | |
|--------------------|--------|-------|------|----------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 21 | 09 | 76 | 1500 | | | .3 | | 21408 | 6 | 21.60 | 22000. | 240. | 100. | 4. | 16.7 | 10.0 | 1.0 |
| 21 | 10 | 76 | 1440 | | | .3 | | 21490 | 6 | 49.20 | 10000. | 520. | 3300. | 4. L | 9.9 | 8.9 | 8.4 |
| 24 | 11 | 76 | 1440 | | | .3 | | 21547 | 6 | 63.00 | 70. | 4. L | 4. L | 4. L | 4.8 | | 2.5 |
| 15 | 12 | 76 | 1435 | | | .3 | | 21599 | 6 | 20.20 | 80. | 4. L | 8. | 4. L | 3.0 | 10.4 | 1.8 |
| | | | | | | | | | | 63.00 | 22000. | 520. | 3300. | 4. | 16.7 | 10.4 | 8.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 38.50 | 1053.* | 38.* D | 57.* D | 4.* D | 8.6 | 9.8 | 3.4 |
| MINIMUM | | | | | | | | | | 20.20 | 70. | 4. | 4. | 4. | 3.0 | 8.9 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 09 | 76 | 1500 | | .3 | | 1160 | 2.70 | | | | | | | 7.79 | 0.060 |
| 21 | 10 | 76 | 1440 | | .3 | | 870 | 6.40 | 57.0 | | | | | | | 0.460 |
| 24 | 11 | 76 | 1440 | | .3 | | 1120 | 3.10 | 95.0 | | | | | | | 0.220 |
| 15 | 12 | 76 | 1435 | | .3 | | 1220 | 2.60 | 105.0 | | | | | | | 0.220 |
| MAXIMUM | | | | | | | 1220 | 6.40 | 105.0 | | | | | | 7.79 | 0.460 |
| AVG OR GEOM MN (*) | | | | | | | 1093 | 3.70 | 85.7 | | | | | | 7.79 | 0.240 |
| MINIMUM | | | | | | | 870 | 2.60 | 57.0 | | | | | | 7.79 | 0.060 |
| NO OF SAMPLES | | | | | | | 4 | 4 | 3 | | | | | | 1 | 4 |

| | |
|---|----------------------------|
| B.O.W. / SITE: TILBURY CREEK | STATION ID: 04-0013-026-02 |
| SAMPLE POINT: 1 MILE SOUTHWEST OF TILBURY STATION | |
| STATION TYPE: RIVER | MAJOR BASIN: GREAT LAKES |
| | MINOR BASIN: LAKE ERIE |
| | TERM STREAM: THAMES RIVER |
| | STORET CODE: 02 |
| | 003 |
| | 2870 |

| SAMP DY | DTE MO | HOUR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PU | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----------|------------|-------------|---------------------|------------|-----------------------|----|--------------------|--------------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------------|
| | | | | | | | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 28 | 01 | 76 | 1445 | | | .3 | | 0.298 | 0.266 | 0.700 | 1.370 | 0.070 | 2.670 | | | | |
| 25 | 02 | 76 | 1215 | | | .3 | | 0.238 | 0.235 | 0.595 | 1.240 | 0.071 | 9.000 | | | | |
| 23 | 03 | 76 | 1245 | | | .3 | | 0.230 | 0.148 | 0.430 | 1.570 | 0.041 | 2.230 | | | | |
| 04 | 05 | 76 | 1350 | | | .3 | | 0.420 | 0.192 | 1.900 | 3.650 | 0.145 | 5.300 | | | | |
| 18 | 05 | 76 | 1230 | | | .3 | | 0.290 | 0.243 | 0.475 | 1.400 | 0.115 | 4.200 | | | | |
| 22 | 06 | 76 | 1305 | | | .3 | | 0.425 | 0.139 | 0.005 | 2.720 | 0.015 | 1.270 | | | | |
| 19 | 07 | 76 | 1325 | | | .3 | | 0.850 | 0.400 | 0.820 | 3.250 | 1.130 | 2.100 | | | | |
| 09 | 08 | 76 | 1300 | | | .3 | | 0.740 | 0.530 | 0.005L | 2.300 | 0.066 | 0.930 | | | | |
| 06 | 10 | 76 | 1150 | | | .3 | | 0.550 | 0.233 | 0.315 | 2.450 | 0.079 | 0.270 | | | | |
| 18 | 10 | 76 | 1200 | | | .3 | | 0.520 | 0.233 | 0.500 | 2.750 | 0.057 | 1.700 | | | | |
| 15 | 11 | 76 | 1300 | | | .3 | | 0.640 | 0.440 | 1.200 | 2.820 | 0.049 | 0.960 | | | | |
| 06 | 12 | 76 | 1145 | | | .3 | | 1.550 | 1.200 | 5.400 | 5.950 | 0.069 | 0.720 | | | | |
| MAXIMUM | | | | | | | | 1.550 | 1.200 | 5.400 | 5.950 | 1.130 | 9.000 | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 0.563 | 0.355 | 1.029D | 2.623 | 0.159 | 2.613 | | | | |
| MINIMUM | | | | | | | | 0.230 | 0.139 | 0.005 | 1.240 | 0.015 | 0.270 | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 01 | 76 | 1445 | | .3 | | 585 | 31.00 | 55.0 | | | | | | | |
| 25 | 02 | 76 | 1215 | | .3 | | 405 | 155.00 | 21.5 | | | | | | | |
| 23 | 03 | 76 | 1245 | | .3 | | 680 | 50.00 | 30.5 | | | | | | | |
| 04 | 05 | 76 | 1350 | | .3 | | 618 | 120.00 | 88.5 | | | | | | | |
| 18 | 05 | 76 | 1230 | | .3 | | 475 | 280.00 | 17.0 | | | | | | | |
| 22 | 06 | 76 | 1305 | | .3 | | 610 | 30.00 | 33.0 | | | | | | | |
| 19 | 07 | 76 | 1325 | | .3 | | 475 | 72.00 | 27.0 | | | | | | | |
| 09 | 08 | 76 | 1300 | | .3 | | 520 | 24.00 | 33.0 | | | | | | | |
| 06 | 10 | 76 | 1150 | | .3 | | 580 | 100.00 | 53.0 | | | | | | | |
| 18 | 10 | 76 | 1200 | | .3 | | 620 | 31.00 | 52.0 | | | | | | | |
| 15 | 11 | 76 | 1300 | | .3 | | 610 | 17.00 | 46.0 | | | | | | | |
| 06 | 12 | 76 | 1145 | | .3 | | 720 | 15.00 | 55.0 | | | | | | | |

| | | | |
|--------------------|-----|--------|------|
| MAXIMUM | 720 | 280.00 | 88.5 |
| AVG OR GEOM MN (*) | 575 | 77.08 | 42.6 |
| MINIMUM | 405 | 15.00 | 17.0 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 42 LONDON
STATION TYPE: RIVER FLOW GAUGE FED 02GE003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STATION ID: 04-0013-027-02

STORET CODE: 02
003
2870

STN NO 27 LAT LONG U.T.M. 17 0484125.0 4765225.0 4 REGION 01 MILEAGE 135.10

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1000 | | .3 | | 21027 | 6 | 286.00 | 140. | 4. | 20. | 0. | 0.8 | 15.0 | 0.7 |
| 23 | 02 | 76 | 1520 | | .3 | | 21073 | 6 | 4980.00 | 2200. | 64. | 5200. | 12. | 0.2 | 15.2 | 1.4 |
| 24 | 03 | 76 | 1520 | | .3 | | 21123 | 6 | 1750.00 | 1200. | 100. | 1900. | 4. | 0.2 | 15.2 | 1.2 |
| 29 | 04 | 76 | 1015 | | .3 | | 21165 | 6 | 1320.00 | 4800. | 1700. | 1800. | 8. | 5.9 | 15.2 | 2.0 |
| 25 | 05 | 76 | 1115 | | .3 | | 21212 | 6 | 228.00 | 70. | 12. | 20. | 4. | 13.9 | 12.5 | 4.1 |
| 15 | 06 | 76 | 1515 | | .3 | | 21284 | 6 | 79.00 | 120. | 32. | 24. | 4. | 24.0 | 10.2 | 1.2 |
| 28 | 07 | 76 | 1315 | | .3 | | 21333 | 6 | 222.00 | 300. | 132. | 72. | 8. | 25.2 | 10.9 | 5.2 |
| 18 | 08 | 76 | 1244 | | .3 | | 21384 | 6 | 456.00 | 700. | 124. | 40. | 4. | 20.2 | 13.7 | 3.1 |
| 20 | 09 | 76 | 0955 | | .3 | | 21400 | 6 | 410.00 | 1700. | 492. | 268. | 4. | 18.9 | 14.4 | |
| 14 | 10 | 76 | 1035 | | .3 | | 21441 | 6 | 181.00 | 60. | 16. | 116. | 4. | 11.0 | 12.1 | 1.6 |
| 09 | 11 | 76 | 1010 | | .3 | | 21495 | 6 | 283.00 | 60. | 20. | 4. | 4. | 2.4 | 18.6 | 1.9 |
| 08 | 12 | 76 | 1100 | | .3 | | 21581 | 6 | 222.00 | 244. | 40. | 480. | 4. | 0.4 | 13.0 | 1.8 |

| | | | | | | | | |
|--------------------|---------|-------|--------|---------|-------|------|------|-----|
| MAXIMUM | 4980.00 | 4800. | 1700. | 5200. | 12. | 25.2 | 18.6 | 5.2 |
| AVG OR GEOM MN (*) | 868.08 | 360.* | 59.* D | 133.* D | 4.* D | 10.3 | 13.8 | 2.2 |
| MINIMUM | 79.00 | 60. | 4. | 4. | 0. | 0.2 | 10.2 | 0.7 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|-----------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1000 | | .3 | | 0.055 | 0.042 | 0.145 | 0.470 | 0.027 | 5.300 | | | | |
| 23 | 02 | 76 | 1520 | | .3 | | 0.120 | 0.079 | 0.185 | 0.795 | 0.025 | 5.400 | | | | |
| 24 | 03 | 76 | 1520 | | .3 | | 0.089 | 0.077 | 0.135 | 0.625 | 0.021 | 3.000 | | | | |
| 29 | 04 | 76 | 1015 | | .3 | | 0.176 | 0.111 | 0.135 | 0.825 | 0.056 | 4.800 | | | | |
| 25 | 05 | 76 | 1115 | | .3 | | 0.031 | 0.002 | 0.020 | 0.840 | 0.049 | 3.000 | | | | |
| 15 | 06 | 76 | 1515 | | .3 | | 0.033 | 0.011 | 0.115 | 0.680 | 0.071 | 1.480 | | | | |
| 28 | 07 | 76 | 1315 | | .3 | | 0.089 | 0.029 | 0.425 | 1.250 | 0.183 | 1.750 | | | | |
| 18 | 08 | 76 | 1244 | | .3 | | 0.117 | 0.021 | 0.110 | 1.000 | 0.063 | 1.140 | | | | |
| 20 | 09 | 76 | 0955 | | .3 | | 0.055 | 0.023 | 0.210 | 0.915 | 0.054 | 0.620 | | | | |
| 14 | 10 | 76 | 1035 | | .3 | | 0.043 | 0.004 | 0.105 | 0.795 | 0.031 | 0.920 | | | | |
| 09 | 11 | 76 | 1010 | | .3 | | 0.035 | 0.002 | 0.055 | 0.590 | 0.017 | 1.250 | | | | |
| 08 | 12 | 76 | 1100 | | .3 | | 0.061 | 0.026 | 0.085 | 0.685 | 0.039 | 8.000 | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.176 | 0.111 | 0.425 | 1.250 | 0.183 | 8.000 |
| AVG OR GEOM MN (*) | 0.075 | 0.036 | 0.144 | 0.789 | 0.053 | 3.055 |
| MINIMUM | 0.031 | 0.002 | 0.020 | 0.470 | 0.017 | 0.620 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1000 | | .3 | | 660 | 1.70 | 22.5 | | | | | | | |
| 23 | 02 | 76 | 1520 | | .3 | | 441 | 16.00 | 13.5 | | | | | | | |
| 24 | 03 | 76 | 1520 | | .3 | | 321 | 35.00 | 7.0 | | | | | | | |
| 29 | 04 | 76 | 1015 | | .3 | | 425 | 18.00 | 10.5 | | | | | | | |
| 25 | 05 | 76 | 1115 | | .3 | | 470 | 4.10 | 13.0 | | | | | | | |
| 15 | 06 | 76 | 1515 | | .3 | | 443 | 1.80 | 17.0 | | | | | | | |
| 28 | 07 | 76 | 1315 | | .3 | | 400 | 2.30 | 17.5 | | | | | | | |
| 18 | 08 | 76 | 1244 | | .3 | | 425 | 6.20 | 13.0 | | | | | | | |
| 20 | 09 | 76 | 0955 | | .3 | | | | 15.5 | | | | | | | |
| 14 | 10 | 76 | 1035 | | .3 | | 496 | 5.80 | 19.0 | | | | | | | |
| 09 | 11 | 76 | 1010 | | .3 | | 550 | 3.70 | 20.0 | | | | | | | |
| 08 | 12 | 76 | 1100 | | .3 | | 620 | 7.20 | 18.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 660 | 35.00 | 22.5 |
| AVG OR GEOM MN (*) | 477 | 9.26 | 15.6 |
| MINIMUM | 321 | 1.70 | 7.0 |
| NO OF SAMPLES | 11 | 11 | 12 |

B.O.W. / SITE: DINGMAN CREEK
SAMPLE POINT: AT FIRST CONCESSION DOWNSTREAM OF LAMBETH
STATION TYPE: RIVER FLOW GAUGE FED 02GE005

STATION ID: 04-0013-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 29 | LAT | LONG | U.T.M. 17 0474400.0 4751100.0 4 | REGION 01 | MILEAGE | 121.60 | | | | | | | | | | |
|----------|--------|-------|------|---------------------------------|-----------|-----------------|--------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 08 03 76 | 1705 | | | | | .3 | | 21090 | 6 | 145.00 | 18000. | 1900. | 16000. | 50. | 1.9 | 13.3 | 1.7 |
| 18 03 76 | 1200 | | | | | .3 | | 21136 | 6 | 60.30 | 5400. | 450. | 1500. | 4. | | | 1.1 |
| 06 05 76 | 0950 | | | | | .3 | | 21182 | 6 9 | 74.20 | 21000. | 1660. | 810. | 8. | 15.0 | 8.2 | 2.6 |
| 19 05 76 | 1521 | | | | | .3 | | 21226 | 6 | 17.40 | 17000. | 1000. | 140. | 16. | 12.1 | 10.5 | 2.0 |
| 24 06 76 | 1100 | | | | | .3 | | 21266 | 6 | 4.40 | 11000. | 440. | 90. | 4. L | 20.4 | 4.9 | 2.2 |
| 20 07 76 | 1455 | | | | | .3 | | 21315 | 6 | 3.30 | 28000. | 5100. | 140. | 8. | 25.1 | 10.5 | 5.0 |
| 10 08 76 | 1525 | | | | | .3 | | 21366 | 6 | 9.70 | 25000. | 1600. | 630. | 8. | 23.1 | 10.8 | 1.6 |
| 07 10 76 | 1530 | | | | | .3 | | 21439 | 6 | 8.00 | 73000E+1 | 11500E+1 | 19000. | 720. | 13.1 | 4.3 | 4.8 |
| 19 10 76 | 1555 | | | | | .3 | | 21469 | 6 | 4.00 | 45000. | 13000. | 2600. | | 8.5 | 4.1 | 4.0 |
| 17 11 76 | 1540 | | | | | .3 | | 21531 | 6 | 11.60 | 85000. | 19000. | 40. | 40. | 0.6 | 13.8 | 2.6 |
| 07 12 76 | 1655 | | | | | .3 | | 21579 | 4 | 7.00 | 6000. | 260. | 130. | 4. L | 0.2 | 6.0 | 2.8 |

| | | | | | | | | |
|--------------------|--------|----------|----------|--------|--------|------|------|-----|
| MAXIMUM | 145.00 | 73000E+1 | 11500E+1 | 19000. | 720. | 25.1 | 13.8 | 6.0 |
| AVG OR GEOM MN (*) | 31.36 | 26474.* | 2606.* | 624.* | 15.* D | 12.0 | 8.6 | 2.9 |
| MINIMUM | 3.30 | 5400. | 260. | 40. | 4. | 0.2 | 4.1 | 1.1 |

| | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 11 |
|---------------|----|----|----|----|----|----|----|----|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|----------|--------|-------|-----|---------------|---------|-----------------|----|-----------------|-----------------------------|-----------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 08 03 76 | 1705 | | | | | .3 | | 0.151 | 0.063 | 0.150 | 0.900 | 0.045 | 1.960 | | | | |
| 18 03 76 | 1200 | | | | | .3 | | 0.084 | 0.047 | 0.135 | 0.410 | 0.021 | 3.700 | | | | |
| 06 05 76 | 0950 | | | | | .3 | | 0.161 | 0.055 | 0.145 | 0.900 | 0.065 | 1.470 | 444.0 | 44.0 | | |
| 19 05 76 | 1521 | | | | | .3 | | 0.158 | 0.077 | 0.305 | 1.450 | 0.085 | 3.030 | | | | |
| 24 06 76 | 1100 | | | | | .3 | | 0.390 | 0.139 | 0.005L | 1.320 | 0.151 | 3.010 | | | | |
| 20 07 76 | 1455 | | | | | .3 | | 0.370 | 0.115 | 0.020 | 1.850 | 0.103 | 2.800 | | | | |
| 10 08 76 | 1525 | | | | | .3 | | 0.206 | 0.093 | 0.045 | 1.150 | 0.240 | 2.050 | | | | |
| 07 10 76 | 1530 | | | | | .3 | | 0.362 | 0.151 | 0.130 | 1.350 | 0.049 | 0.820 | | | | |
| 19 10 76 | 1555 | | | | | .3 | | 0.390 | 0.239 | 1.380 | 2.550 | 0.153 | 1.570 | | | | |
| 17 11 76 | 1540 | | | | | .3 | | 0.200 | 0.112 | 0.485 | 1.050 | 0.033 | 3.600 | | | | |
| 07 12 76 | 1655 | | | | | .3 | | 0.193 | 0.115 | 1.450 | 1.950 | 0.033 | 4.600 | | | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|------|
| MAXIMUM | 0.390 | 0.239 | 1.450 | 2.550 | 0.240 | 4.600 | 444.0 | 44.0 |
| AVG OR GEOM MN (*) | 0.242 | 0.110 | 0.386D | 1.353 | 0.089 | 2.601 | 444.0 | 44.0 |
| MINIMUM | 0.084 | 0.047 | 0.005 | 0.410 | 0.021 | 0.820 | 444.0 | 44.0 |

| | | | | | | | | |
|---------------|----|----|----|----|----|----|---|---|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 1 | 1 |
|---------------|----|----|----|----|----|----|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|----------|--------|-------|-----|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 08 03 76 | 1705 | | | | | .3 | | 496 | 31.00 | 32.0 | | | | | | | |
| 18 03 76 | 1200 | | | | | .3 | | 600 | 16.00 | 38.5 | | | | | | | |
| 06 05 76 | 0950 | | | | | .3 | | 650 | 30.00 | 47.0 | | | | | | | |
| 19 05 76 | 1521 | | | | | .3 | | 660 | 26.00 | 47.0 | | | | | | | |
| 24 06 76 | 1100 | | | | | .3 | | 660 | 50.00 | 45.0 | | | | | | | |
| 20 07 76 | 1455 | | | | | .3 | | 710 | 32.00 | 55.0 | | | | | | | |
| 10 08 76 | 1525 | | | | | .3 | | 740 | 31.00 | 70.0 | | | | | | | |
| 07 10 76 | 1530 | | | | | .3 | | 456 | 90.00 | 39.0 | | | | | | | |
| 19 10 76 | 1555 | | | | | .3 | | 800 | 7.80 | 59.0 | | | | | | | |
| 17 11 76 | 1540 | | | | | .3 | | 910 | 5.20 | 80.0 | | | | | | | |
| 07 12 76 | 1655 | | | | | .3 | | 820 | 13.00 | 60.0 | | | | | | | |

| | | | | | | | | |
|--------------------|-----|-------|------|--|--|--|--|--|
| MAXIMUM | 910 | 90.00 | 80.0 | | | | | |
| AVG OR GEOM MN (*) | 682 | 30.18 | 52.0 | | | | | |
| MINIMUM | 456 | 5.20 | 32.0 | | | | | |

| | | | | | | | | |
|---------------|----|----|----|--|--|--|--|--|
| NO OF SAMPLES | 11 | 11 | 11 | | | | | |
|---------------|----|----|----|--|--|--|--|--|

B.O.W. / SITE: THAMES RIVER
SAMPLE POINT: AT HIGHWAY 76
STATION TYPE: RIVER FLOW GAUGE FED 02GE006

STATION ID: 04-0013-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 32 | LAT | LONG | U.T.M. 17 0442950.0 4724550.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 66.10 | |
|----------|--------|-------|------|---------------------------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 02 76 | | 1720 | | | | .3 | | 21047 | 6 | 8600. | 10000. | 1200. | 3700. | 40. | 5.0 | 11.0 | 2.3 |
| 23 03 76 | | 1800 | | | | .3 | | 21113 | 6 | 10700. | 5200. | 1300. | 5900. | | 7.0 | 11.8 | 2.2 |
| 04 05 76 | | 1005 | | | | .3 | | 21155 | 6 | 1750. | 9000. | 12. | 12. | 4. | 10.1 | 10.1 | 1.5 |
| 18 05 76 | | 1005 | | | | .3 | | 21186 | 6 | 1600. | 2900. | 44. | 12. | 4. | 13.3 | 8.8 | 1.3 |
| 22 06 76 | | 1146 | | | | .3 | | 21248 | 6 | 430. | 64. | 44. | 28. | 4. | 22.0 | 10.6 | 3.4 |
| 19 07 76 | | 1150 | | | | .3 | | 21297 | 6 | 712. | 204. | 84. | 16. | 4. | 23.0 | 10.4 | 2.0 |
| 09 08 76 | | 1059 | | | | .3 | | 21348 | 6 | 2080. | 16000. | 1400. | 2500. | 44. | 17.3 | 10.4 | 2.2 |
| 07 10 76 | | 1345 | | | | .3 | | 21438 | 6 | 734. | 1600. | 260. | 220. | 4. | 15.2 | 9.5 | 2.0 |
| 19 10 76 | | 1450 | | | | .3 | | 21467 | 6 | 713. | 480. | 4. | L 1000. | 4. | 8.8 | 11.6 | 0.9 |
| 16 11 76 | | 1510 | | | | .3 | | 21529 | 6 | 945. | 90. | 4. | L 4. | L 4. | 3.2 | 13.4 | |
| 07 12 76 | | 1600 | | | | .3 | | 21577 | 4 | 920. | 310. | 20. | 20. | 4. | 0.5 | | |

| | | | | | | | | |
|--------------------|--------|--------|--------|---------|-------|------|------|-----|
| MAXIMUM | 10700. | 16000. | 1400. | 5900. | 44. | 23.0 | 13.4 | 3.4 |
| AVG OR GEOM MN (*) | 2653. | 1178.* | 74.* D | 118.* D | 6.* D | 11.4 | 10.8 | 2.0 |
| MINIMUM | 430. | 64. | 4. | 4. | 4. | 0.5 | 8.8 | 0.9 |

| | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 10 | 11 | 10 | 10 |
|---------------|----|----|----|----|----|----|----|----|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1720 | | | .3 | | 0.141 | 0.079 | 0.180 | 0.880 | 0.037 | 5.200 | 394.0 | 71.5 | | |
| 23 | 03 | 76 | 1800 | | | .3 | | 0.200 | 0.086 | 0.180 | 0.755 | 0.030 | 1.880 | 322.0 | 100.5 | | |
| 04 | 05 | 76 | 1005 | | | .3 | | 0.080 | 0.033 | 0.025 | 0.675 | 0.039 | 4.300 | 374.0 | 19.0 | | |
| 18 | 05 | 76 | 1005 | | | .3 | | 0.120 | 0.027 | 0.045 | 0.720 | 0.063 | 3.550 | 416.0 | 59.0 | | |
| 22 | 06 | 76 | 1146 | | | .3 | | 0.200 | 0.031 | 0.060 | 1.250 | 0.062 | 1.270 | 558.0 | 147.0 | | |
| 19 | 07 | 76 | 1150 | | | .3 | | 0.210 | 0.035 | 0.020 | 0.930 | 0.011 | 2.500 | 500.0 | 131.0 | | |
| 09 | 08 | 76 | 1059 | | | .3 | | 0.330 | 0.113 | 0.035 | 0.255 | 0.022 | 1.370 | 458.0 | 184.0 | | |
| 07 | 10 | 76 | 1345 | | | .3 | | 0.105 | 0.024 | 0.015 | 0.745 | 0.037 | 1.770 | 435.0 | 46.0 | | |
| 19 | 10 | 76 | 1450 | | | .3 | | 0.071 | 0.031 | 0.055 | 0.710 | 0.057 | 1.750 | 360.0 | 11.0 | | |
| 16 | 11 | 76 | 1510 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1600 | | | .3 | | 0.087 | 0.041 | 0.445 | 0.835 | 0.054 | 7.300 | 510.0 | 22.5 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.330 | 0.113 | 0.445 | 1.250 | 0.063 | 7.300 | 558.0 | 184.0 |
| AVG OR GEOM MN (*) | 0.154 | 0.050 | 0.106 | 0.776 | 0.041 | 3.089 | 432.7 | 79.2 |
| MINIMUM | 0.071 | 0.024 | 0.015 | 0.255 | 0.011 | 1.270 | 322.0 | 11.0 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1720 | | | .3 | | 475 | 54.00 | 18.5 | | | 3.0 | 176 | 8.09 | 2.72 | |
| 23 | 03 | 76 | 1800 | | | .3 | | 326 | 77.00 | 10.0 | | | 2.0 | 133 | 8.18 | | 4.320 |
| 04 | 05 | 76 | 1005 | | | .3 | | 540 | 16.00 | 22.0 | | | 0.0 | 200 | 8.45 | | 0.880 |
| 18 | 05 | 76 | 1005 | | | .3 | | 560 | 33.00 | 23.5 | | | 8.9 | | 8.10 | | 1.580 |
| 22 | 06 | 76 | 1146 | | | .3 | | 590 | 99.00 | 38.0 | | | 0.0 | 220 | 8.50 | | 3.960 |
| 19 | 07 | 76 | 1150 | | | .3 | | 560 | 96.00 | 32.5 | | | 1.0 | 213 | 8.26 | | 4.600 |
| 09 | 08 | 76 | 1059 | | | .3 | | 410 | 160.00 | 18.0 | | | 4.8 | 170 | 7.90 | | 7.500 |
| 07 | 10 | 76 | 1345 | | | .3 | | 590 | 39.00 | 32.5 | | | 0.0 | 206 | 8.30 | | 1.780 |
| 19 | 10 | 76 | 1450 | | | .3 | | 590 | 13.00 | 30.0 | | | 0.0 | 202 | 8.25 | | 0.540 |
| 07 | 12 | 76 | 1600 | | | .3 | | 750 | 20.00 | 44.0 | | | 4.0 | 257 | 8.04 | | 0.580 |

| | | | | | | | | |
|--------------------|-----|--------|------|-----|-----|------|------|-------|
| MAXIMUM | 750 | 160.00 | 44.0 | 8.9 | 257 | 8.50 | 2.72 | 7.500 |
| AVG OR GEOM MN (*) | 539 | 60.70 | 26.9 | 2.4 | 197 | 8.21 | 2.72 | 2.860 |
| MINIMUM | 326 | 13.00 | 10.0 | 0.0 | 133 | 7.90 | 2.72 | 0.540 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 9 | 10 | 1 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 02 | 76 | 1720 | | | .3 | | | 232.0 | | | 50 | | | | | |
| 23 | 03 | 76 | 1800 | | | .3 | | | 156.0 | | | 150 | | | | | |
| 04 | 05 | 76 | 1005 | | | .3 | | 1.0L | 262.0 | | | 20 | | | | | |
| 18 | 05 | 76 | 1005 | | | .3 | | 1.0 | 274.0 | | | 20 | | | | | |
| 22 | 06 | 76 | 1146 | | | .3 | | 1.0L | 244.0 | | | 40 | | | | | |
| 19 | 07 | 76 | 1150 | | | .3 | | 3.0 | 262.0 | | | 40 | | | | | |
| 09 | 08 | 76 | 1059 | | | .3 | | 2.0 | 190.0 | | | 80 | | | | | |
| 07 | 10 | 76 | 1345 | | | .3 | | | 268.0 | | | 40 | | | | | |
| 19 | 10 | 76 | 1450 | | | .3 | | 1.0 | 272.0 | | | 20 | | | | | |
| 07 | 12 | 76 | 1600 | | | .3 | | | 352.0 | | | 20 | | | | | |

| | | | |
|--------------------|------|-------|-----|
| MAXIMUM | 3.0 | 352.0 | 150 |
| AVG OR GEOM MN (*) | 1.5D | 251.2 | 48 |
| MINIMUM | 1.0 | 156.0 | 20 |
| NO OF SAMPLES | 6 | 10 | 10 |

B.O.W./ SITE: OXBOW CREEK
SAMPLE POINT: AT FIRST CONCESSION SOUTH OF ILDERTON
STATION TYPE: RIVER

STATION ID: 04-0013-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 36 LAT LONG U.T.M. 17 0470400.0 4768550.0 4 REGION 01 MILEAGE 133.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 01 | 76 | 1030 | | | .3 | | 21018 | 4 | | 1140. | 150. | 3000. | 0. | 0.1 | 7.2 | 1.9 |
| 17 | 02 | 76 | 0945 | | | .3 | | 21064 | 4 | | 17000. | 210. | 11800. | 8. | 0.5 | 10.8 | 1.4 |
| 24 | 03 | 76 | 1255 | | | .3 | | 21114 | 6 | | 90. | 8. | 400. | 32. | 7.8 | 13.2 | 1.2 |
| 06 | 05 | 76 | 1100 | | | .3 | | 21156 | 6 | | 5700. | 300. | 310. | 4. | 10.1 | 9.6 | 1.2 |
| 25 | 05 | 76 | 1214 | | | .3 | | 21200 | 6 | | 3600. | 590. | 1400. | 4. | 12.8 | 10.8 | 1.5 |
| 15 | 06 | 76 | 1422 | | | .3 | | 21281 | 6 | | 2500. | 930. | 350. | 4. | 25.0 | 10.3 | 1.8 |
| 28 | 07 | 76 | 1215 | | | .3 | | 21330 | 6 | | 3800. | 1190. | 190. | 4. | 21.0 | 12.5 | 0.5 |
| 17 | 08 | 76 | 1455 | | | .3 | | 21381 | 6 | | 950. | 440. | 290. | 12. | 19.1 | 15.2 | |
| 25 | 10 | 76 | 1445 | | | .3 | | 21494 | 6 | | 2200. | 360. | 640. | 4. | 6.9 | 12.7 | 1.1 |
| 17 | 11 | 76 | 1235 | | | .3 | | 21535 | 6 | | 1250. | 210. | 110. | 84. | 3.2 | 14.8 | 0.8 |
| 16 | 12 | 76 | 1450 | | | .3 | | 21603 | 4 | | 4200. | 12. | 24. | 4. | 0.1 | 17.7 | 0.7 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|-------|--------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | | 17000. | 1190. | 11800. | 84. | 25.0 | 17.7 | 1.9 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 2112.* | 199.* | 461.* | 7.* D | 9.7 | 12.3 | 1.2 |
| MINIMUM | | | | | | | | | | | 90. | 8. | 24. | 0. | 0.1 | 7.2 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 15 | 01 | 76 | 1030 | | | .3 | 0.059 | 0.038 | 1.360 | 1.520 | 0.080 | 4.900 | | | | |
| 17 | 02 | 76 | 0945 | | | .3 | 0.158 | 0.096 | 0.195 | 0.810 | 0.023 | 7.400 | | | | |
| 24 | 03 | 76 | 1255 | | | .3 | 0.036 | 0.014 | 0.055 | 0.400 | 0.019 | 5.620 | | | | |
| 06 | 05 | 76 | 1100 | | | .3 | 0.037 | 0.005 | 0.020 | 0.575 | 0.059 | 4.280 | | | | |
| 25 | 05 | 76 | 1214 | | | .3 | 0.043 | 0.011 | 0.015 | 0.445 | 0.064 | 4.500 | | | | |
| 15 | 06 | 76 | 1422 | | | .3 | 0.075 | 0.016 | 0.100 | 0.705 | 0.083 | 1.120 | | | | |
| 28 | 07 | 76 | 1215 | | | .3 | 0.035 | 0.011 | 0.040 | 0.665 | 0.100 | 2.600 | | | | |
| 17 | 08 | 76 | 1455 | | | .3 | | | | | | | | | | |
| 25 | 10 | 76 | 1445 | | | .3 | 0.026 | 0.008 | 0.015 | 0.355 | 0.020 | 5.500 | | | | |
| 17 | 11 | 76 | 1235 | | | .3 | 0.011 | 0.004 | 0.005 | 0.275 | 0.012 | 6.700 | | | | |
| 16 | 12 | 76 | 1450 | | | .3 | 0.024 | 0.013 | 0.325 | 0.625 | 0.030 | 5.100 | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.158 | 0.096 | 1.360 | 1.520 | 0.100 | 7.400 |
| AVG OR GEOM MN (*) | 0.050 | 0.022 | 0.213 | 0.638 | 0.049 | 4.772 |
| MINIMUM | 0.011 | 0.004 | 0.005 | 0.275 | 0.012 | 1.120 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 15 | 01 | 76 | 1030 | | | .3 | 670 | 2.30 | 15.0 | | | | | | | |
| 17 | 02 | 76 | 0945 | | | .3 | 450 | 16.00 | 12.5 | | | | | | | |
| 24 | 03 | 76 | 1255 | | | .3 | 525 | 5.00 | 10.5 | | | | | | | |
| 06 | 05 | 76 | 1100 | | | .3 | 520 | 3.50 | 10.5 | | | | | | | |
| 25 | 05 | 76 | 1214 | | | .3 | 550 | 5.40 | 11.0 | | | | | | | |
| 15 | 06 | 76 | 1422 | | | .3 | 500 | 14.00 | 9.5 | | | | | | | |
| 28 | 07 | 76 | 1215 | | | .3 | 580 | 1.70 | 14.5 | | | | | | | |
| 25 | 10 | 76 | 1445 | | | .3 | 700 | 2.20 | 13.0 | | | | | | | |
| 17 | 11 | 76 | 1235 | | | .3 | 630 | 1.80 | 14.0 | | | | | | | |
| 16 | 12 | 76 | 1450 | | | .3 | 660 | 2.00 | 12.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 700 | 16.00 | 15.0 |
| AVG OR GEOM MN (*) | 579 | 5.39 | 12.3 |
| MINIMUM | 450 | 1.70 | 9.5 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W. / SITE: DINGMAN CREEK
SAMPLE POINT: AT WELLINGTON ROAD
STATION TYPE: RIVER

STATION ID: 04-0013-037-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 37 LAT LONG U.T.M. 17 0483050.0 4750850.0 4 REGION 01 MILEAGE 129.70

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 08 | 03 | 76 | 1640 | | | .3 | 21089 | 6 | | 1800. | 100. | 360. | 10. L | 2.5 | 13.2 | 1.1 |
| 18 | 03 | 76 | 1200 | | | .3 | 21135 | | | 4200. | 350. | 40. | 0. | | | 1.4 |
| 06 | 05 | 76 | 0930 | | | .3 | 21181 | 6 | | 25000. | 640. | 680. | 4. L | 11.8 | 8.9 | 1.4 |
| 19 | 05 | 76 | 1541 | | | .3 | 21231 | 6 | | 4600. | 140. | 150. | 4. | 10.6 | 12.0 | 1.4 |
| 24 | 06 | 76 | 1043 | | | .3 | 21267 | 6 | | 1420. | 510. | 80. | 4. L | 21.5 | 5.7 | 0.7 |
| 20 | 07 | 76 | 1515 | | | .3 | 21316 | 6 | | 7000. | 860. | 500. | 4. L | 24.1 | 10.2 | 1.9 |
| 10 | 08 | 76 | 1547 | | | .3 | 21367 | 6 | | 4000. | 2700. | 440. | 4. L | 23.0 | 12.4 | 1.7 |
| 07 | 10 | 76 | 1545 | | | .3 | 21440 | 6 | | 39000E+1 | 75000. | 21000. | 680. | 12.2 | 8.4 | 3.8 |
| 19 | 10 | 76 | 1615 | | | .3 | 21470 | 6 | | 2100. | 248. | 12200. | | 7.0 | 14.1 | 0.8 |
| 17 | 11 | 76 | 1005 | | | .3 | 21532 | 6 | | 820. | 80. | 70. | 28. | 1.9 | 16.4 | 1.7 |
| 07 | 12 | 76 | 1715 | | | .3 | 21580 | 6 | | 9000. | 240. | 110. | 4. L | 0.8 | | 1.7 |

| | | | | | | | |
|--------------------|----------|--------|--------|-------|------|------|-----|
| MAXIMUM | 39000E+1 | 75000. | 21000. | 680. | 24.1 | 16.4 | 3.8 |
| AVG OR GEOM MN (*) | 5707.* | 548.* | 407.* | 8.* D | 11.5 | 11.3 | 1.6 |
| MINIMUM | 820. | 80. | 40. | 0. | 0.8 | 5.7 | 0.7 |
| NO OF SAMPLES | 11 | 11 | 11 | 10 | 10 | 9 | 11 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 | 03 | 76 | 1640 | | | .3 | 0.095 | 0.037 | 0.115 | 0.685 | 0.022 | 3.390 | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | 0.123 | 0.022 | 0.070 | 0.530 | 0.015 | 4.100 | 388.0 | 10.5 | | |
| 06 | 05 | 76 | 0930 | | | .3 | 0.091 | 0.007 | 0.025 | 0.900 | 0.033 | 1.450 | | | | |
| 19 | 05 | 76 | 1541 | | | .3 | 0.060 | 0.015 | 0.035 | 0.840 | 0.042 | 1.940 | 424.0 | 22.5 | | |
| 24 | 06 | 76 | 1043 | | | .3 | 0.120 | 0.057 | 0.005L | 0.685 | 0.017 | 0.480 | 368.0 | 18.0 | | |
| 20 | 07 | 76 | 1515 | | | .3 | 0.121 | 0.046 | 0.015 | 0.785 | 0.019 | 0.300 | 348.0 | 14.0 | | |
| 10 | 08 | 76 | 1547 | | | .3 | 0.062 | 0.016 | 0.020 | 0.535 | 0.047 | 1.280 | 502.0 | 34.5 | | |
| 07 | 10 | 76 | 1545 | | | .3 | 0.175 | 0.051 | 0.105 | 1.050 | 0.061 | 1.190 | 456.0 | 60.0 | | |
| 19 | 10 | 76 | 1615 | | | .3 | 0.031 | 0.016 | 0.010 | 0.610 | 0.015 | 0.810 | 394.0 | 8.0 | | |
| 17 | 11 | 76 | 1005 | | | .3 | 0.043 | 0.008 | 0.005 | 0.785 | 0.034 | 4.900 | 530.0 | 8.5 | | |
| 07 | 12 | 76 | 1715 | | | .3 | 0.057 | 0.024 | 0.225 | 0.725 | 0.033 | 5.600 | 540.0 | 15.0L | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.175 | 0.057 | 0.225 | 1.050 | 0.061 | 5.600 | 540.0 | 60.0 |
| AVG OR GEOM MN (*) | 0.089 | 0.027 | 0.057D | 0.739 | 0.031 | 2.313 | 438.9 | 21.20 |
| MINIMUM | 0.031 | 0.007 | 0.005 | 0.530 | 0.015 | 0.300 | 348.0 | 8.0 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 08 | 03 | 76 | 1640 | | | .3 | 439 | 31.00 | 24.5 | | | | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | 600 | 12.00 | 40.0 | | | | | | | |
| 06 | 05 | 76 | 0930 | | | .3 | 540 | 33.00 | 33.5 | | | | | | | |
| 19 | 05 | 76 | 1541 | | | .3 | 620 | 9.70 | 36.5 | | | | | | | |
| 24 | 06 | 76 | 1043 | | | .3 | 510 | 19.00 | 24.5 | | | | | | | |
| 20 | 07 | 76 | 1515 | | | .3 | 540 | 18.00 | 38.5 | | | | | | | |
| 10 | 08 | 76 | 1547 | | | .3 | 740 | 20.00 | | | | | | | | |
| 07 | 10 | 76 | 1545 | | | .3 | 580 | 67.00 | 48.0 | | | | | | | |
| 19 | 10 | 76 | 1615 | | | .3 | 700 | 6.30 | 54.0 | | | | | | | |
| 17 | 11 | 76 | 1005 | | | .3 | 880 | 6.10 | 78.0 | | | | | | | |
| 07 | 12 | 76 | 1715 | | | .3 | 800 | 9.20 | 55.0 | | | | | | | |

MAXIMUM 880 67.00 78.0
 AVG OR GEOM MN (*) 632 21.03 43.3
 MINIMUM 439 6.10 24.5
 NO OF SAMPLES 11 11 10

B.O.W. / SITE: THAMES RIVER
 SAMPLE POINT: AT COUNTY ROAD 48 WOODSTOCK
 STATION TYPE: RIVER FLOW GAUGE FED 02GD012

STATION ID: 04-0013-038-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

STN NO 38 LAT LONG U.T.M. 17 0518850.0 4776700.0 4 REGION 01 MILEAGE 162.20

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1250 | | | .3 | 21035 | 6 | 44.00 | 430. | 4. | 540. | 0. | 1.1 | 14.0 | 2.1 |
| 24 | 02 | 76 | 1440 | | | .3 | 21081 | 6 | 570.00 | 1020. | 240. | 6800. | 4. | 1.3 | 13.2 | 1.3 |
| 25 | 03 | 76 | 1200 | | | .3 | 21127 | 6 | 386.00 | 1010. | 72. | 290. | 0. | | | 1.5 |
| 26 | 04 | 76 | 1335 | | | .3 | 21173 | 6 | 131.00 | 2300. | 570. | 1400. | 8. | 9.0 | 13.4 | 2.4 |
| 17 | 05 | 76 | 1125 | | | .3 | 21220 | 6 | 130.00 | 170. | 12. | 4. | 4. | 13.5 | 10.1 | 2.6 |
| 21 | 06 | 76 | 1258 | | | .3 | 21240 | 6 | 23.10 | 9000. | 390. | 64. | 8. | 24.3 | 11.1 | 3.6 |
| 22 | 07 | 76 | 1238 | | | .3 | 21292 | 6 | 41.10 | 21000. | 340. | 172. | 8. | 24.2 | 11.8 | 3.2 |
| 11 | 08 | 76 | 1228 | | | .3 | 21343 | 6 | 66.10 | 17000. | 24. | 188. | 4. | 22.9 | 11.2 | 3.0 |
| 21 | 09 | 76 | 1350 | | | .3 | 21397 | 6 | 43.30 | 1120. | 160. | 72. | 4. | 19.1 | 13.0 | 2.9 |
| 21 | 10 | 76 | 1300 | | | .3 | 21487 | 6 | 136.00 | 480. | 40. | 5500. | 4. | 8.4 | 10.4 | 3.2 |
| 24 | 11 | 76 | 1300 | | | .3 | 21544 | 6 | 35.70 | 2100. | 330. | 1900. | 4. | 1.7 | 14.4 | 3.1 |
| 15 | 12 | 76 | 1310 | | | .3 | 21596 | 6 | 35.50 | 6200. | 450. | 130. | 4. | 2.0 | 14.2 | 1.4 |

MAXIMUM 570.00 21000. 570. 6800. 8. 24.3 14.4 3.6
 AVG OR GEOM MN (*) 136.82 1992.* 103.* D 321.* D 4.* D 11.6 12.4 2.5
 MINIMUM 23.10 170. 4. 4. 0. 1.1 10.1 1.3
 NO OF SAMPLES 12 12 12 12 12 11 11 12

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|-----------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1250 | | | .3 | 0.043 | 0.003 | 0.155 | 0.715 | 0.028 | 5.400 | 544.0 | 15.0L | | |
| 24 | 02 | 76 | 1440 | | | .3 | 0.139 | 0.111 | 0.455 | 0.760 | 0.035 | 7.200 | 304.0 | 8.0 | | |
| 25 | 03 | 76 | 1200 | | | .3 | 0.146 | 0.073 | 0.165 | 0.850 | 0.090 | 3.700 | 340.0 | 28.5 | | |
| 26 | 04 | 76 | 1335 | | | .3 | 0.081 | 0.006 | 0.005 | 0.775 | 0.037 | 3.500 | 408.0 | 13.5 | | |
| 17 | 05 | 76 | 1125 | | | .3 | 0.089 | 0.003 | 0.045 | 0.920 | 0.057 | 3.620 | 366.0 | 13.5 | | |
| 21 | 06 | 76 | 1258 | | | .3 | 0.107 | 0.020 | 0.145 | 1.350 | 0.091 | 1.030 | 310.0 | 25.0 | | |
| 22 | 07 | 76 | 1238 | | | .3 | 0.096 | 0.009 | 0.030 | 1.230 | 0.222 | 0.540 | 342.0 | 43.0 | | |
| 11 | 08 | 76 | 1228 | | | .3 | 0.086 | 0.014 | 0.115 | 0.550 | 0.270 | 0.940 | 360.0 | 23.5 | | |
| 21 | 09 | 76 | 1350 | | | .3 | | | | | | | 352.0 | 19.0 | 333 | |
| 21 | 10 | 76 | 1300 | | | .3 | 0.065 | 0.003 | 0.115 | 1.150 | 0.036 | 0.840 | 400.0 | 8.5 | | |
| 24 | 11 | 76 | 1300 | | | .3 | 0.063 | 0.003 | 0.420 | 1.050 | 0.025 | 3.200 | 586.0 | 11.5 | | |
| 15 | 12 | 76 | 1310 | | | .3 | 0.043 | 0.006 | 0.415 | 0.895 | 0.035 | 3.400 | 582.0 | 7.0 | | |

MAXIMUM 0.146 0.111 0.455 1.350 0.270 7.200 586.0 43.0 333
 AVG OR GEOM MN (*) 0.087 0.023 0.188 0.931 0.084 3.034 407.8 18.0D 333
 MINIMUM 0.043 0.003 0.005 0.550 0.025 0.540 304.0 7.0 333
 NO OF SAMPLES 11 11 11 11 11 11 12 12 1

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1250 | | | .3 | 830 | 4.50 | 31.5 | | | | | | | |
| 24 | 02 | 76 | 1440 | | | .3 | 468 | 16.00 | 22.0 | | | | | | | |
| 25 | 03 | 76 | 1200 | | | .3 | 415 | 31.00 | 15.5 | | | | | | | |
| 26 | 04 | 76 | 1335 | | | .3 | 550 | 7.50 | 24.0 | | | | | | | |
| 17 | 05 | 76 | 1125 | | | .3 | 510 | 1.30 | 21.5 | | | | | | | |
| 21 | 06 | 76 | 1258 | | | .3 | 485 | 10.00 | 23.5 | | | | | | | |
| 22 | 07 | 76 | 1238 | | | .3 | 500 | 5.70 | 23.5 | | | | | | | |
| 11 | 08 | 76 | 1228 | | | .3 | 54 | 10.00 | 26.0 | | | | | | | |
| 21 | 09 | 76 | 1350 | | | .3 | 510 | 11.00 | | | | | | | | |
| 21 | 10 | 76 | 1300 | | | .3 | 620 | 5.30 | 26.5 | | | | | | | |
| 24 | 11 | 76 | 1300 | | | .3 | 800 | 8.60 | 39.5 | | | | | | | |
| 15 | 12 | 76 | 1310 | | | .3 | 880 | 6.80 | 34.5 | | | | | | | |

MAXIMUM 880 31.00 39.5
 AVG OR GEOM MN (*) 552 9.81 26.2
 MINIMUM 54 1.30 15.5
 NO OF SAMPLES 12 12 11

B.O.W./ SITE: THAMES RIVER
SAMPLE POINT: AT PEMBERTON STREET INGERSOLL
STATION TYPE: RIVER FLOW GAUGE FED 02GDO16

STATION ID: 04-0013-039-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2670

STN NO 39 LAT LONG U.T.M. 17 0510000.0 4765650.0 4 REGION 01 MILEAGE 152.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1415 | | | .3 | | 21039 | 6 | 97.00 | 9000. | 2500. | 950. | 60. | 1.9 | 14.8 | 1.9 |
| 24 | 02 | 76 | 1610 | | | .3 | | 21085 | 6 | 1060.00 | 3700. | 1100. | 460. | 12. | 4.0 | 13.1 | 2.1 |
| 18 | 03 | 76 | 1200 | | | .3 | | 21131 | | 537.00 | 3600. | 1400. | 860. | 4. | | | 1.7 |
| 26 | 04 | 76 | 1125 | | | .3 | | 21177 | 6 | 727.00 | 55000. | 2700. | 4500. | | 4.6 | 12.9 | 2.7 |
| 17 | 05 | 76 | 1250 | | | .3 | | 21222 | 6 | 242.00 | 32000. | 1880. | 68. | 36. | 16.2 | 9.4 | 2.5 |
| 21 | 06 | 76 | 1102 | | | .3 | | 21239 | 6 | 76.20 | 1530. | 1000. | 64. | 4. | 19.0 | 9.3 | 2.0 |
| 22 | 07 | 76 | 1117 | | | .3 | | 21288 | 6 | 349.00 | 31000. | 2000. | 2000. | 264. | 20.4 | 8.1 | 2.4 |
| 11 | 08 | 76 | 1035 | | | .3 | | 21339 | 6 | 134.00 | 8000. | 1100. | 280. | 80. | 20.4 | 11.5 | 2.7 |
| 21 | 09 | 76 | 1155 | | | .3 | | 21393 | 6 | 84.30 | 16000. | 1110. | 80. | 4. | 16.0 | 13.4 | 2.4 |
| 21 | 10 | 76 | 1135 | | | .3 | | 21484 | 6 | 210.00 | 38000. | 2800. | 1800. | 56. | 8.0 | 10.8 | 4.4 |
| 24 | 11 | 76 | 1150 | | | .3 | | 21541 | 6 | 81.60 | 19000. | 1460. | 230. | 4. | 2.8 | 13.8 | 2.5 |
| 15 | 12 | 76 | 1135 | | | .3 | | 21593 | 6 | 86.00 | 39000. | 1300. | 840. | 112. | 0.5 | 15.0 | 2.1 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|---------|---------|--------|-------|------|------|------|-----|
| MAXIMUM | | | | | | | | | | 1060.00 | 55000. | 2800. | 4500. | 264. | 20.4 | 15.0 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 307.01 | 13481.* | 1586.* | 469.* | 23.* | 10.3 | 12.0 | 2.5 |
| MINIMUM | | | | | | | | | | 76.20 | 1530. | 1000. | 64. | 4. | 0.5 | 8.1 | 1.7 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1415 | | | .3 | | 0.084 | 0.037 | 0.615 | 1.090 | 0.056 | 4.490 | 530.0 | 15.0L | | |
| 24 | 02 | 76 | 1610 | | | .3 | | 0.139 | 0.077 | 0.295 | 0.765 | 0.039 | 8.000 | 338.0 | 15.0 | | |
| 18 | 03 | 76 | 1200 | | | .3 | | 0.115 | 0.065 | 0.215 | 0.595 | 0.043 | 4.200 | 371.0 | 21.0 | | |
| 26 | 04 | 76 | 1125 | | | .3 | | 0.270 | 0.087 | 0.135 | 1.220 | 0.044 | 3.200 | 370.0 | 37.0 | | |
| 17 | 05 | 76 | 1250 | | | .3 | | 0.131 | 0.009 | 0.075 | 0.675 | 0.111 | 3.420 | 434.0 | 22.0 | | |
| 21 | 06 | 76 | 1102 | | | .3 | | 0.133 | 0.088 | 0.035 | 0.795 | 0.238 | 2.340 | 500.0 | 23.0 | | |
| 22 | 07 | 76 | 1117 | | | .3 | | 0.340 | 0.102 | 0.005L | 1.230 | 0.009 | 1.640 | 456.0 | 127.0 | | |
| 11 | 08 | 76 | 1035 | | | .3 | | 0.177 | 0.071 | 0.025 | 1.000 | 0.055 | 1.700 | 460.0 | 31.0 | | |
| 21 | 09 | 76 | 1155 | | | .3 | | 0.162 | 0.078 | 0.160 | 1.080 | 0.197 | 2.000 | 470.0 | 11.5 | | |
| 21 | 10 | 76 | 1135 | | | .3 | | 0.176 | 0.064 | 0.365 | 1.450 | 0.104 | 1.040 | 434.0 | 20.5 | | |
| 24 | 11 | 76 | 1150 | | | .3 | | 0.068 | 0.027 | 0.595 | 0.950 | 0.133 | 3.400 | 638.0 | 15.0L | | |
| 15 | 12 | 76 | 1135 | | | .3 | | 0.260 | 0.260 | 1.080 | 1.550 | 0.069 | 3.600 | 588.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|-------|--|--|
| MAXIMUM | | | | | | | | 0.340 | 0.260 | 1.080 | 1.550 | 0.238 | 8.000 | 638.0 | 127.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.171 | 0.080 | 0.300D | 1.033 | 0.092 | 3.253 | 466.0 | 29.4D | | |
| MINIMUM | | | | | | | | 0.068 | 0.009 | 0.005 | 0.595 | 0.009 | 1.040 | 338.0 | 11.5 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1415 | | | .3 | | 855 | 5.30 | 60.0 | | | 2.0 | 257 | 8.17 | 0.24 | |
| 24 | 02 | 76 | 1610 | | | .3 | | 530 | 16.00 | 29.0 | | | 5.0 | 167 | 8.10 | 0.75 | |
| 18 | 03 | 76 | 1200 | | | .3 | | 560 | 23.00 | 31.0 | | | 0.0 | 182 | 8.29 | | 0.960 |
| 26 | 04 | 76 | 1125 | | | .3 | | 473 | 33.00 | 25.0 | | | 164 | 8.00 | | | 3.100 |
| 17 | 05 | 76 | 1250 | | | .3 | | 620 | 8.10 | 35.0 | | | 0.0 | 206 | 7.67 | | 0.410 |
| 21 | 06 | 76 | 1102 | | | .3 | | 720 | 5.40 | 63.0 | | | 5.6 | 191 | 8.00 | | 0.270 |
| 22 | 07 | 76 | 1117 | | | .3 | | 470 | 45.00 | 24.0 | | | 3.7 | 165 | 7.70 | | 2.900 |
| 11 | 08 | 76 | 1035 | | | .3 | | 680 | 9.00 | 47.0 | | | 1.6 | 203 | 8.20 | | 0.720 |
| 21 | 09 | 76 | 1155 | | | .3 | | 750 | 7.40 | 53.0 | | | 2.0 | 201 | 8.18 | | 0.380 |
| 21 | 10 | 76 | 1135 | | | .3 | | 670 | 8.60 | 40.0 | | | 4.0 | 208 | 8.03 | | 0.560 |
| 24 | 11 | 76 | 1150 | | | .3 | | 910 | 3.30 | 58.0 | | | 0.0 | 256 | 8.33 | | 0.250 |
| 15 | 12 | 76 | 1135 | | | .3 | | 40 | 3.20 | 68.0 | | | 4.0 | 282 | 8.12 | | 0.270 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|--|--|-----|-----|------|------|-------|
| MAXIMUM | | | | | | | | 910 | 45.00 | 68.0 | | | 5.6 | 282 | 8.33 | 0.75 | 3.100 |
| AVG OR GEOM MN (*) | | | | | | | | 607 | 13.94 | 44.4 | | | 2.5 | 207 | 8.07 | 0.50 | 0.982 |
| MINIMUM | | | | | | | | 40 | 3.20 | 24.0 | | | 0.0 | 164 | 7.67 | 0.24 | 0.250 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | 11 | 12 | 12 | 2 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 13 | 01 | 76 | 1415 | | | .3 | | | 382.0 | | | 15 | | | | | |
| 24 | 02 | 76 | 1610 | | | .3 | | | 242.0 | | | 30 | | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | | | 254.0 | | | 40 | | | | | |
| 26 | 04 | 76 | 1125 | | | .3 | | | 224.0 | | | 75 | | | | | |
| 17 | 05 | 76 | 1250 | | | .3 | | | 290.0 | | | 20 | | | | | |
| 21 | 06 | 76 | 1102 | | | .3 | | | 298.0 | | | 10 | | | | | |
| 22 | 07 | 76 | 1117 | | | .3 | | | 208.0 | | | 40 | | | | | |
| 11 | 08 | 76 | 1035 | | | .3 | | | 296.0 | | | 20 | | | | | |
| 21 | 09 | 76 | 1155 | | | .3 | | | 298.0 | | | 20 | | | | | |
| 21 | 10 | 76 | 1135 | | | .3 | | | 300.0 | | | 20 | | | | | |
| 24 | 11 | 76 | 1150 | | | .3 | | | 392.0 | | | 10 | | | | | |
| 15 | 12 | 76 | 1135 | | | .3 | | | 412.0 | | | 5 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|-------|--|--|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | | 412.0 | | | 75 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 299.7 | | | 25 | | | | | |
| MINIMUM | | | | | | | | | 208.0 | | | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | | 12 | | | 12 | | | | | |

B.O.W./ SITE: NORTH BRANCH CREEK
 SAMPLE POINT: OXFORD COUNTY ROAD 6 NORTH OF EMBRO
 STATION TYPE: RIVER FLOW GAUGE MOE 02GD107

STATION ID: 04-0013-040-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

| STN NO | 40 | LAT | LONG | U.T.M. 17 0507750.0 4778600.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 162.70 |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1345 | | | .3 | 21033 | 4 | | 12400E+1 | 230. | 420. | 0. | 1.0 | 13.0 | 1.7 |
| 24 | 02 | 76 | 1530 | | | .3 | 21079 | 6 | | 2900. | 1070. | 2500. | 4. L | 3.1 | 12.5 | 1.4 |
| 25 | 03 | 76 | 1550 | | | .3 | 21125 | 6 | | 5500. | 520. | 6500. | 0. | 9.5 | 12.0 | 1.6 |
| 26 | 04 | 76 | 1200 | | | .3 | 21171 | 6 | | 23000. | 4600. | 3600. | 44. | 5.0 | 13.8 | 1.4 |
| 17 | 05 | 76 | 1100 | | | .3 | 21218 | 6 | | 1750. | 420. | 410. | 4. L | 13.9 | 12.2 | 1.0 |
| 21 | 06 | 76 | 1210 | | | .3 | 21242 | 6 | | 10000. | 1520. | 160. | 4. | 18.8 | 11.6 | 2.0 |
| 22 | 07 | 76 | 1142 | | | .3 | 21290 | 6 | | 48000. | 5100. | 3300. | 40. | 19.8 | 11.0 | 0.7 |
| 11 | 08 | 76 | 1135 | | | .3 | 21341 | 6 | | 11000. | 3700. | 560. | 4. L | 21.0 | 17.6 | 1.3 |
| 21 | 09 | 76 | 1220 | | | .3 | 21395 | 6 | | 4. L | 4. L | 4. L | 4. L | 14.2 | 14.6 | |
| 21 | 10 | 76 | 1200 | | | .3 | 21485 | 6 | | 19000. | 2400. | 3400. | 48. | 8.2 | 11.8 | 1.8 |
| 24 | 11 | 76 | 1210 | | | .3 | 21542 | 6 | | 700. | 60. | 32. | 4. L | 1.2 | 14.2 | 1.3 |
| 15 | 12 | 76 | 1155 | | | .3 | 21594 | 4 | | 14300E+1 | 5600. | 196. | 4. L | 0.6 | 14.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 13 | 01 | 76 | 1345 | | | .3 | 0.057 | 0.040 | 0.065 | 0.415 | 0.037 | 5.900 | | | | |
| 24 | 02 | 76 | 1530 | | | .3 | 0.089 | 0.051 | 0.130 | 0.765 | 0.032 | 8.600 | | | | |
| 25 | 03 | 76 | 1550 | | | .3 | 0.190 | 0.095 | 0.075 | 0.745 | 0.064 | 3.600 | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | 0.134 | 0.067 | 0.065 | 0.850 | 0.029 | 6.100 | | | | |
| 17 | 05 | 76 | 1100 | | | .3 | 0.028 | 0.005 | 0.005 | 0.555 | 0.048 | 2.980 | | | | |
| 21 | 06 | 76 | 1210 | | | .3 | 0.047 | 0.004 | 0.005 | 0.565 | 0.037 | 1.720 | | | | |
| 22 | 07 | 76 | 1142 | | | .3 | 0.072 | 0.037 | 0.005L | 0.745 | 0.109 | 7.600 | | | | |
| 11 | 08 | 76 | 1135 | | | .3 | 0.030 | 0.010 | 0.050 | 0.425 | 0.022 | 2.340 | | | | |
| 21 | 09 | 76 | 1220 | | | .3 | 0.039 | 0.018 | 0.010 | 0.575 | 0.023 | 3.320 | | | | |
| 21 | 10 | 76 | 1200 | | | .3 | 0.055 | 0.012 | 0.020 | 0.695 | 0.023 | 6.000 | | | | |
| 24 | 11 | 76 | 1210 | | | .3 | 0.105 | 0.003 | 0.035 | 0.375 | 0.024 | 4.600 | | | | |
| 15 | 12 | 76 | 1155 | | | .3 | 0.085 | 0.060 | 0.085 | 0.445 | 0.035 | 4.700 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 13 | 01 | 76 | 1345 | | | .3 | 675 | 1.20 | 21.0 | | | | | | | |
| 24 | 02 | 76 | 1530 | | | .3 | 480 | 5.10 | 14.5 | | | | | | | |
| 25 | 03 | 76 | 1550 | | | .3 | 415 | 15.00 | 11.5 | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | 455 | 13.00 | 13.5 | | | | | | | |
| 17 | 05 | 76 | 1100 | | | .3 | 540 | 1.20 | 12.0 | | | | | | | |
| 21 | 06 | 76 | 1210 | | | .3 | 480 | 2.10 | 9.0 | | | | | | | |
| 22 | 07 | 76 | 1142 | | | .3 | 560 | 2.40 | 15.0 | | | | | | | |
| 11 | 08 | 76 | 1135 | | | .3 | 520 | 1.00 | 14.5 | | | | | | | |
| 21 | 09 | 76 | 1220 | | | .3 | | | 20.0 | | | | | | | |
| 21 | 10 | 76 | 1200 | | | .3 | 670 | 2.80 | 18.0 | | | | | | | |
| 24 | 11 | 76 | 1210 | | | .3 | 620 | 1.60 | 15.0 | | | | | | | |
| 15 | 12 | 76 | 1155 | | | .3 | 780 | 2.20 | 32.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: MIDDLE THAMES RIVER

SAMPLE POINT: AT SECOND CONCESSION ROAD SOUTH OF THAMESFORD

STATION TYPE: RIVER FLOW GAUGE FED 02G0004

STATION ID: 04-0013-041-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: THAMES RIVER

STORET CODE: 02

003

2870

| STN NO | 41 | LAT | LONG | U.T.M. 17 0500000.0 4764125.0 4 | REGION 01 | MILEAGE | 149.00 | | | | | | | | | | |
|---------|--------|-------|------|---------------------------------|-----------|------------|--------|---------------|---------|--------------|-----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 801 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 08 | 03 | 76 | 1610 | | | .3 | | 21087 | 6 | 533.00 | 250. | 20. | 90. | | 3.0 | 14.6 | 1.0 |
| 18 | 03 | 76 | 1200 | | | .3 | | 21133 | | 205.00 | 530. | 12. | 48. | 0. | | | 1.3 |
| 26 | 04 | 76 | 1040 | | | .3 | | 21179 | 6 | 724.00 | 28000. | 1060. | 2900. | | 4.6 | 13.0 | 2.0 |
| 17 | 05 | 76 | 1030 | | | .3 | | 21224 | 6 | 110.00 | 470. | 80. | 20. | 4. L | 14.1 | 10.0 | 1.2 |
| 21 | 06 | 76 | 1035 | | | .3 | | 21237 | 6 | 29.80 | 150. | 140. | 20. | 4. L | 18.2 | 9.7 | 1.4 |
| 22 | 07 | 76 | 1026 | | | .3 | | 21287 | 9 | 213.00 | 24000. | 550. | 720. | 280. | 19.9 | 8.6 | 0.9 |
| 11 | 08 | 76 | 1012 | | | .3 | | 21338 | 9 | 34.50 | 480. | 72. | 52. | 4. L | 20.2 | 11.8 | 1.5 |
| 21 | 09 | 76 | 1100 | | | .3 | | 21392 | 6 | 56.60 | 230. | 170. | 20. | 4. L | 16.5 | 13.2 | |
| 21 | 10 | 76 | 1050 | | | .3 | | 21482 | 6 | 142.00* | 3200. | 610. | 1320. | 8. | 7.7 | 11.9 | 1.2 |
| 24 | 11 | 76 | 1115 | | | .3 | | 21539 | 6 | 55.00 | 100. | 4. L | 12. | 4. L | 1.6 | 13.8 | 1.3 |
| 15 | 12 | 76 | 1055 | | | .3 | | 21591 | 4 | 43.50 | 1100. | 208. | 348. | 4. | 0.0 | 12.8 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

724.00 28000. 1060. 2900. 280. 20.2 14.6 1.0
195.13 880.* 100.* D 107.* 6.* D 10.6 11.9 1.4
29.80 100. 4. 12. 0. 0.0 8.6 0.9

NO OF SAMPLES

11 11 11 11 9 10 10 10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 08 | 03 | 76 | 1610 | | | .3 | | 0.091 | 0.050 | 0.120 | 0.500 | 0.020 | 5.380 | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | | 0.042 | 0.027 | 0.065 | 0.365 | 0.017 | 5.800 | | | | |
| 26 | 04 | 76 | 1040 | | | .3 | | 0.173 | 0.087 | 0.155 | 1.400 | 0.037 | 4.800 | | | | |
| 17 | 05 | 76 | 1030 | | | .3 | | 0.034 | 0.007 | 0.005 | 0.495 | 0.039 | 3.100 | | | | |
| 21 | 06 | 76 | 1035 | | | .3 | | 0.023 | 0.004 | 0.005 | 0.535 | 0.036 | 1.440 | | | | |
| 22 | 07 | 76 | 1026 | | | .3 | | 0.100 | 0.057 | 0.005L | 0.825 | 0.151 | 6.000 | | | | |
| 11 | 08 | 76 | 1012 | | | .3 | | 0.032 | 0.010 | 0.030 | 0.525 | 0.031 | 1.920 | | | | |
| 21 | 09 | 76 | 1100 | | | .3 | | 0.037 | 0.022 | 0.005 | 0.640 | 0.021 | 2.640 | | | | |
| 21 | 10 | 76 | 1050 | | | .3 | | 0.016 | 0.004 | 0.025 | 0.555 | 0.012 | 1.800 | | | | |
| 24 | 11 | 76 | 1115 | | | .3 | | 0.015 | 0.007 | 0.020 | 0.345 | 0.017 | 4.300 | | | | |
| 15 | 12 | 76 | 1055 | | | .3 | | 0.049 | 0.011 | 0.120 | 0.545 | 0.025 | 4.200 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.173 0.087 0.155 1.400 0.151 6.000
0.056 0.026 0.0500 0.612 0.037 3.762
0.015 0.004 0.005 0.345 0.012 1.440

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 08 | 03 | 76 | 1610 | | | .3 | | 471 | 6.60 | 13.5 | | | | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | | 590 | 3.20 | 18.0 | | | | | | | |
| 26 | 04 | 76 | 1040 | | | .3 | | 468 | 15.00 | 15.0 | | | | | | | |
| 17 | 05 | 76 | 1030 | | | .3 | | 600 | 1.40 | 17.5 | | | | | | | |
| 21 | 06 | 76 | 1035 | | | .3 | | 570 | 1.20 | 21.5 | | | | | | | |
| 22 | 07 | 76 | 1026 | | | .3 | | 500 | 7.50 | 14.5 | | | | | | | |
| 11 | 08 | 76 | 1012 | | | .3 | | 600 | 1.60 | 24.5 | | | | | | | |
| 21 | 09 | 76 | 1100 | | | .3 | | | | 23.0 | | | | | | | |
| 21 | 10 | 76 | 1050 | | | .3 | | 660 | 1.40 | 21.5 | | | | | | | |
| 24 | 11 | 76 | 1115 | | | .3 | | 640 | 1.70 | 20.5 | | | | | | | |
| 15 | 12 | 76 | 1055 | | | .3 | | 730 | 8.80 | 22.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

730 15.00 24.5
583 4.84 19.3
468 1.20 13.5

NO OF SAMPLES

10 10 11

B.O.W./ SITE: THAMES RIVER

SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM OF INGERSOLL

STATION TYPE: RIVER

STATION ID: 04-0013-042-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: THAMES RIVER

STORET CODE: 02

003

2870

| STN NO | 42 | LAT | | LONG | | U.T.M. 17 0502875.0 4762650.0 4 | | | | REGION 01 | | MILEAGE | | 149.00 | | | |
|---------|--------|-------|------|---------------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|----------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1440 | | | .3 | | 21040 | 6 | | 6100. | 590. | 590. | 64. | 1.2 | 13.2 | 2.0 |
| 18 | 03 | 76 | 1200 | | | .3 | | 21132 | | | 6100. | 2800. | 1100. | 12. | | | 2.2 |
| 26 | 04 | 76 | 1105 | | | .3 | | 21178 | 6 | | 50000. | 730. | 3600. | | 3.8 | 13.0 | 3.2 |
| 17 | 05 | 76 | 1011 | | | .3 | | 21223 | 6 | | 20000. | 1900. | 170. | 32. | 13.5 | 8.6 | 2.8 |
| 21 | 06 | 76 | 1125 | | | .3 | | 21238 | 6 | | 3200. | 1700. | 160. | 4. L | 18.9 | 8.5 | 1.8 |
| 22 | 07 | 76 | 1050 | | | .3 | | 21289 | 6 | | 30000E+1 | 670. | 2200. | | 20.0 | 8.1 | 3.2 |
| 11 | 08 | 76 | 1054 | | | .3 | | 21340 | 6 | | 9700. | 1500. | 930. | 2. | 20.2 | 9.6 | 3.1 |
| 21 | 09 | 76 | 1130 | | | .3 | | 21394 | 6 | | 4500. | 530. | 200. | 4. | 15.2 | 9.6 | 3.2 |
| 21 | 10 | 76 | 1110 | | | .3 | | 21483 | 6 | | 25000. | 3300. | 2200. | 24. | 8.0 | 9.0 | 4.1 |
| 24 | 11 | 76 | 1135 | | | .3 | | 21540 | 6 | | 12000. | 2000. | 80. | 4. | 2.7 | 13.4 | 1.4 |
| 15 | 12 | 76 | 1115 | | | .3 | | 21592 | 6 | | 34000. | 960. | 496. | 24. | 0.1 | 13.8 | 1.3 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

30000E+1 3300. 3600. 64. 20.2 13.8 4.1
15856.* 1264.* 575.* 11.* D 10.4 10.7 2.6
3200. 530. 80. 2. 0.1 8.1 1.3

NO OF SAMPLES

160 11 11 11 9 10 10 11

| SAMP DY | OTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1440 | | | .3 | | 0.102 | 0.065 | 0.635 | 1.120 | 0.042 | 5.200 | 524.0 | 5.0 | | |
| 18 | 03 | 76 | 1200 | | | .3 | | 0.042 | 0.067 | 0.245 | 0.665 | 0.039 | 4.200 | 382.0 | 20.5 | | |
| 26 | 04 | 76 | 1105 | | | .3 | | 0.285 | 0.103 | 0.150 | 1.300 | 0.047 | 3.800 | 368.0 | 47.0 | | |
| 17 | 05 | 76 | 1011 | | | .3 | | 0.133 | 0.012 | 0.105 | 0.890 | 0.087 | 3.330 | 446.0 | 26.5 | | |
| 21 | 06 | 76 | 1125 | | | .3 | | 0.175 | 0.087 | 0.065 | 0.805 | 0.179 | 1.750 | 452.0 | 23.0 | | |
| 22 | 07 | 76 | 1050 | | | .3 | | 0.300 | 0.127 | 0.005L | 1.450 | 0.061 | 2.480 | 448.0 | 167.0 | | |
| 11 | 08 | 76 | 1054 | | | .3 | | 0.234 | 0.081 | 0.025 | 1.000 | 0.067 | 1.610 | 472.0 | 38.0 | | |
| 21 | 09 | 76 | 1130 | | | .3 | | | | | | | | 516.0 | 31.0 | | 485 |
| 21 | 10 | 76 | 1110 | | | .3 | | 0.167 | 0.013 | 0.290 | 1.500 | 0.105 | 1.200 | 464.0 | 32.5 | | |
| 24 | 11 | 76 | 1135 | | | .3 | | 0.069 | 0.017 | 0.595 | 1.100 | 0.080 | 3.400 | 612.0 | 15.0L | | |
| 15 | 12 | 76 | 1115 | | | .3 | | 0.310 | 0.272 | 0.760 | 1.150 | 0.063 | 3.500 | 574.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | OTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1440 | | | .3 | | 820 | 3.40 | 54.0 | | | | | | | |
| 18 | 03 | 76 | 1200 | | | .3 | | 580 | 18.00 | 33.0 | | | | | | 0.43 | 1.800 |
| 26 | 04 | 76 | 1105 | | | .3 | | 472 | 45.00 | 24.5 | | | | | | | 3.000 |
| 17 | 05 | 76 | 1011 | | | .3 | | 640 | 6.90 | 34.5 | | | | | | | 0.610 |
| 21 | 06 | 76 | 1125 | | | .3 | | 730 | 6.80 | 61.0 | | | | | | | 0.540 |
| 22 | 07 | 76 | 1050 | | | .3 | | 475 | 67.00 | 22.5 | | | | | | | 3.700 |
| 11 | 08 | 76 | 1054 | | | .3 | | 680 | 15.00 | 45.0 | | | | | | | 0.800 |
| 21 | 09 | 76 | 1130 | | | .3 | | 750 | 51.00 | | | | | | 7.50 | | 7.000 |
| 21 | 10 | 76 | 1110 | | | .3 | | 700 | 22.00 | 41.0 | | | | | | | 2.800 |
| 24 | 11 | 76 | 1135 | | | .3 | | 880 | 11.00 | 58.0 | | | | | | | 0.970 |
| 15 | 12 | 76 | 1115 | | | .3 | | 900 | 3.40 | 60.0 | | | | | | | 0.320 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | OTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MANGANESE MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------------|
| 13 | 01 | 76 | 1440 | | | .3 | | | | | | 0.100 | | | 0.070 | | 0.020 |
| 18 | 03 | 76 | 1200 | | | .3 | | | | | | 0.020L | | | 0.010 | | 0.020L |
| 26 | 04 | 76 | 1105 | | | .3 | | | | | | 0.010 | | | 0.040 | | 0.020L |
| 17 | 05 | 76 | 1011 | | | .3 | | | | | | 0.010L | | | 0.020 | | 0.010L |
| 21 | 06 | 76 | 1125 | | | .3 | | | | | | 0.010 | | | 0.020 | | 0.010L |
| 22 | 07 | 76 | 1050 | | | .3 | | | | | | 0.020 | | | 0.010L | | 0.010L |
| 11 | 08 | 76 | 1054 | | | .3 | | | | | | 0.010L | | | 0.030 | | 0.010L |
| 21 | 09 | 76 | 1130 | | | .3 | | | | | | 0.040 | | | 0.040 | | 0.020 |
| 21 | 10 | 76 | 1110 | | | .3 | | | | | | 0.010L | | | 0.010 | | 0.010L |
| 24 | 11 | 76 | 1135 | | | .3 | | | | | | 0.020L | | | 0.010 | | 0.020L |
| 15 | 12 | 76 | 1115 | | | .3 | | | | | | 0.020L | | | 0.020 | | 0.020L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT HIGHWAY 7
STATION TYPE: RIVER

STATION ID: 04-0013-043-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 43 LAT LONG U.T.M. 17 0483110.0 4783750.0 4 REGION 01 MILEAGE 151.20

| SAMP DY | OTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 23 | 02 | 76 | 1430 | | | .3 | | 21075 | 6 | | 1730. | 172. | 2500. | 4. L | 0.1 | 14.0 | 1.4 |
| 15 | 03 | 76 | 1530 | | | .3 | | 21095 | 6 | | 1500. | 84. | 12. | 36. | 2.0 | 14.6 | 0.7 |
| 29 | 04 | 76 | 1130 | | | .3 | | 21167 | 6 | | 1800. | 230. | 310. | 4. L | 8.9 | 13.5 | 1.4 |
| 20 | 05 | 76 | 1100 | | | .3 | | 21214 | 6 | | 52. | 4. L | 4. L | | 12.0 | 13.5 | 2.0 |
| 14 | 06 | 76 | 1050 | | | .3 | | 21268 | 6 | | 32. | 4. L | 8. | 4. L | 24.0 | 14.8 | 2.5 |
| 08 | 07 | 76 | 1048 | | | .3 | | 21317 | 6 | | 376. | 328. | 160. | 4. L | 22.3 | 9.6 | 2.8 |
| 05 | 08 | 76 | 1013 | | | .3 | | 21368 | 6 | | 284. | 100. | 92. | 4. L | 20.6 | 12.3 | 1.4 |
| 20 | 09 | 76 | 1050 | | | .3 | | 21402 | 6 | | 3400. | 640. | 196. | 4. L | 17.1 | 13.0 | 1.5 |
| 14 | 10 | 76 | 1125 | | | .3 | | 21443 | 6 | | 1800. | 148. | 800. | 4. L | 8.3 | 12.4 | 3.0 |
| 09 | 11 | 76 | 1105 | | | .3 | | 21497 | 6 | | 550. | 60. | 50. | 4. L | 0.9 | 16.2 | 1.2 |
| 08 | 12 | 76 | 1155 | | | .3 | | 21583 | 6 | | 1700. | 84. | 20. | 4. L | 0.1 | 10.6 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 23 02 76 1430 | | | .3 | | 0.147 | 0.077 | 0.165 | 0.990 | 0.028 | 5.500 | 314.0 | 32.0 | | |
| 15 03 76 1530 | | | .3 | | 0.178 | 0.095 | 0.145 | 0.685 | 0.019 | 5.300 | 346.0 | 13.0 | | |
| 29 04 76 1130 | | | .3 | | 0.084 | 0.043 | 0.030 | 0.660 | 0.037 | 4.200 | 348.0 | 15.0L | | |
| 20 05 76 1100 | | | .3 | | 0.025 | 0.010 | 0.020 | 0.555 | 0.029 | 2.410 | 374.0 | 11.0 | | |
| 14 06 76 1050 | | | .3 | | 0.061 | 0.003 | 0.005L | 0.675 | 0.001 | 0.010L | 316.0 | 13.5 | | |
| 08 07 76 1048 | | | .3 | | 0.148 | 0.030 | 0.005L | 0.925 | 0.016 | 0.940 | 346.0 | 34.0 | | |
| 05 08 76 1013 | | | .3 | | 0.046 | 0.014 | 0.025 | 0.655 | 0.034 | 0.470 | 302.0 | 7.5 | | |
| 20 09 76 1050 | | | .3 | | | | | | | | 336.0 | 18.0 | 318 | |
| 14 10 76 1125 | | | .3 | | 0.109 | 0.004 | 0.005 | 0.725 | 0.013 | 0.720 | 282.0 | 8.5 | | |
| 09 11 76 1105 | | | .3 | | 0.044 | 0.017 | 0.010 | 0.475 | 0.016 | 1.750 | 404.0 | 4.5 | | |
| 08 12 76 1155 | | | .3 | | 0.039 | 0.026 | 0.085 | 0.470 | 0.026 | 6.500 | 474.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.178 0.095 0.165 0.990 0.037 6.500 474.0 34.0 318
0.088 0.032 0.050D 0.682 0.022 2.780D 349.3 15.6D 318
0.025 0.003 0.005 0.470 0.001 0.010 282.0 4.5 318

NO OF SAMPLES

10 10 10 10 10 10 11 11 1

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 23 02 76 1430 | | | .3 | | 450 | 16.00 | 12.5 | | | | | | | |
| 15 03 76 1530 | | | .3 | | 481 | 8.00 | 13.5 | | | | | | | |
| 29 04 76 1130 | | | .3 | | 500 | 5.70 | 12.0 | | | | | | | |
| 20 05 76 1100 | | | .3 | | 540 | 1.60 | 17.5 | | | | | | | |
| 14 06 76 1050 | | | .3 | | 495 | 1.90 | 27.0 | | | | | | | |
| 08 07 76 1048 | | | .3 | | 495 | 13.0 | 21.0 | | | | | | | |
| 05 08 76 1013 | | | .3 | | 425 | 3.20 | 14.0 | | | | | | | |
| 20 09 76 1050 | | | .3 | | 530 | 6.30 | | | | | | | | |
| 14 10 76 1125 | | | .3 | | 496 | 7.90 | 17.5 | | | | | | | |
| 09 11 76 1105 | | | .3 | | 630 | 3.40 | 25.5 | | | | | | | |
| 08 12 76 1155 | | | .3 | | 720 | 2.20 | 25.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

720 16.00 27.0
524 6.29 18.6
425 1.60 12.0

NO OF SAMPLES

11 11 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESSIUM | HAZEN | MG/L | MG/L | CAS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | | | MG/L | | MG/L |
| 23 02 76 1430 | | | .3 | | | | | | | | | | | 3 |
| 15 03 76 1530 | | | .3 | | | | | | | | | | | 2L |
| 29 04 76 1130 | | | .3 | | | | | | | | | | | 2L |
| 20 05 76 1100 | | | .3 | | | | | | | | | | | 2L |
| 14 06 76 1050 | | | .3 | | | | | | | | | | | 2L |
| 08 07 76 1048 | | | .3 | | | | | | | | | | | |
| 05 08 76 1013 | | | .3 | | | | | | | | | | | |
| 20 09 76 1050 | | | .3 | | | | | | | | | | 21 | 2L |
| 14 10 76 1125 | | | .3 | | | | | | | | | | | |
| 09 11 76 1105 | | | .3 | | | | | | | | | | | |
| 08 12 76 1155 | | | .3 | | | | | | | | | | | 2L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT CONCESSION ROAD 2 SOUTH OF MITCHELL
STATION TYPE: RIVER FLOW GAUGE FED 02GDO14

STATION ID: 04-0013-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 44 LAT LONG U.T.M. 17 0483200.0 4810300.0 4 REGION 01 MILEAGE 173.60

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 12 01 76 1220 | | | .3 | | 21032 | 4 | 50.00 | 17000. | 1800. | 460. | 8. | 0.8 | 11.2 | 0.9 |
| 23 02 76 1125 | | | .3 | | 21078 | 6 | 1340.00 | 1610. | 310. | 9100. | 4. | 0.5 | 13.4 | 1.1 |
| 08 03 76 1200 | | | .3 | | 21092 | 6 | 854.00 | 3100. | 540. | 1200. | 4. | | | 1.2 |
| 29 04 76 1300 | | | .3 | | 21170 | 6 | 275.00 | 2000. | 260. | 150. | 4. L | 10.5 | 13.2 | 1.4 |
| 20 05 76 1215 | | | .3 | | 21217 | 6 | 41.10 | 190. | 20. | 12. | 4. L | 13.8 | 12.8 | 2.0 |
| 14 06 76 1247 | | | .3 | | 21271 | 6 | 3.40 | 88. | 124. | 16. | 4. L | 22.7 | 10.6 | 2.8 |
| 08 07 76 1236 | | | .3 | | 21320 | 6 | 6.60 | 1200. | 280. | 64. | 4. L | 23.1 | 9.8 | 2.5 |
| 05 08 76 1134 | | | .3 | | 21371 | 6 | 0.40 | 132. | 112. | 44. | 4. L | 20.8 | 11.2 | 2.9 |
| 20 09 76 1235 | | | .3 | | 21406 | 6 | 12.50 | 10200. | 580. | 1100. | 56. | 18.5 | 12.5 | |
| 14 10 76 1250 | | | .3 | | 21447 | 6 | 50.60 | 9000. | 1100. | 1160. | 4. L | 10.1 | 12.4 | 5.2 |
| 09 11 76 1230 | | | .3 | | 21501 | 6 | 15.10 | 17000. | 60. | 60. | 4. L | 3.0 | 16.8 | 2.9 |
| 08 12 76 1305 | | | .3 | | 21587 | 4 | 46.00 | 800. | 44. | 216. | 4. L | 2.4 | 10.8 | 1.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1340.00 17000. 1800. 9100. 56. 23.1 16.8 5.2
224.56 1695.* 216.* 208.* 5.* D 11.5 12.2 2.2
0.40 88. 20. 12. 4. 0.5 9.8 0.9

NO OF SAMPLES

12 12 12 12 11 11 11 11

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 | 01 | 76 | 1220 | | | .3 | 0.111 | 0.096 | 0.210 | 0.555 | 0.029 | 4.900 | | | | |
| 23 | 02 | 76 | 1125 | | | .3 | 0.105 | 0.080 | 0.175 | 0.765 | 0.028 | 5.800 | | | | |
| 08 | 03 | 76 | 1200 | | | .3 | 0.103 | 0.034 | 0.095 | 0.465 | 0.023 | 3.730 | | | | |
| 29 | 04 | 76 | 1300 | | | .3 | 0.910 | 0.051 | 0.030 | 0.655 | 0.025 | 5.000 | | | | |
| 20 | 05 | 76 | 1215 | | | .3 | 0.050 | 0.018 | 0.045 | 0.555 | 0.046 | 2.610 | | | | |
| 14 | 06 | 76 | 1247 | | | .3 | 0.100 | 0.010 | 0.040 | 1.050 | 0.009 | 0.010L | | | | |
| 08 | 07 | 76 | 1236 | | | .3 | 0.074 | 0.008 | 0.020 | 0.800 | 0.159 | 4.600 | | | | |
| 05 | 08 | 76 | 1134 | | | .3 | 0.073 | 0.021 | 0.085 | 1.000 | 0.113 | 0.160 | | | | |
| 20 | 09 | 76 | 1235 | | | .3 | 0.288 | 0.110 | 0.085 | 1.650 | 0.033 | 0.250 | | | | |
| 14 | 10 | 76 | 1250 | | | .3 | 0.201 | 0.015 | 0.030 | 1.050 | 0.017 | 0.380 | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | 0.615 | 0.410 | 0.725 | 1.880 | 0.029 | 1.770 | | | | |
| 08 | 12 | 76 | 1305 | | | .3 | 0.025 | 0.014 | 0.060 | 0.380 | 0.025 | 7.800 | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|
| MAXIMUM | 0.910 | 0.410 | 0.725 | 1.880 | 0.159 | 7.800 |
| AVG OR GEOM MN (*) | 0.221 | 0.072 | 0.133 | 0.900 | 0.045 | 3.0840 |
| MINIMUM | 0.025 | 0.008 | 0.020 | 0.380 | 0.009 | 0.010 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 12 | 01 | 76 | 1220 | | | .3 | 680 | 1.40 | 18.5 | | | | | | | |
| 23 | 02 | 76 | 1125 | | | .3 | 456 | 6.80 | 11.0 | | | | | | | |
| 08 | 03 | 76 | 1200 | | | .3 | 388 | 0.23 | 7.5 | | | | | | | |
| 29 | 04 | 76 | 1300 | | | .3 | 545 | 4.50 | 11.0 | | | | | | | |
| 20 | 05 | 76 | 1215 | | | .3 | 510 | 2.80 | 14.5 | | | | | | | |
| 14 | 06 | 76 | 1247 | | | .3 | 480 | 4.40 | 17.0 | | | | | | | |
| 08 | 07 | 76 | 1236 | | | .3 | 580 | 3.60 | 18.5 | | | | | | | |
| 05 | 08 | 76 | 1134 | | | .3 | 470 | 2.70 | 22.5 | | | | | | | |
| 20 | 09 | 76 | 1235 | | | .3 | | | 41.0 | 37.5 | 1.50 | | | | | 0.420 |
| 14 | 10 | 76 | 1250 | | | .3 | 540 | 8.80 | 29.5 | | | | | | | |
| 09 | 11 | 76 | 1230 | | | .3 | 760 | 3.10 | 44.0 | | | | | | | |
| 08 | 12 | 76 | 1305 | | | .3 | 720 | 2.10 | 23.5 | | | | | | | |

| | | | | | | | |
|--------------------|-----|------|------|------|------|--|-------|
| MAXIMUM | 760 | 8.80 | 44.0 | 37.5 | 1.50 | | 0.420 |
| AVG OR GEOM MN (*) | 557 | 3.68 | 21.5 | 37.5 | 1.50 | | 0.420 |
| MINIMUM | 388 | 0.23 | 7.5 | 37.5 | 1.50 | | 0.420 |
| NO OF SAMPLES | 11 | 11 | 12 | 1 | 1 | | 1 |

B.O.W. / SITE: NORTH THAMES RIVER
SAMPLE POINT: 1.4 MILES DOWNSTREAM OF ST MARYS
STATION TYPE: RIVER FLOW GAUGE FED 02G0005

STATION ID: 04-0013-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 45 LAT LONG U.T.M. 17 0486200.0 4787100.0 4 REGION 01 MILEAGE 156.00

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|---------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | 800 |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 12 | 01 | 76 | 1130 | | | .3 | 21031 | 6 | 215.00 | 930. | 4. | 90. | 4. | 0.3 | 13.2 | 0.9 |
| 15 | 03 | 76 | 1450 | | | .3 | 21093 | 6 | 1400.00 | 810. | 140. | 52. | 16. | 2.5 | 13.5 | 0.7 |
| 29 | 04 | 76 | 1205 | | | .3 | 21169 | 6 | 864.00 | 2700. | 200. | 12. | 4. | 8.6 | 13.0 | 1.6 |
| 20 | 05 | 76 | 1127 | | | .3 | 21216 | 6 | 198.00 | 60. | 4. | 4. | 4. | 12.2 | 14.0 | 1.7 |
| 14 | 06 | 76 | 1125 | | | .3 | 21270 | 6 | 56.10 | 152. | 24. | 20. | 8. | 21.7 | 12.9 | 2.2 |
| 08 | 07 | 76 | 1132 | | | .3 | 21319 | 6 | 86.50 | 2000. | 484. | 292. | 8. | 23.6 | 11.7 | 3.1 |
| 05 | 08 | 76 | 1045 | | | .3 | 21370 | 6 | 137.00 | 1500. | 120. | 80. | 4. | 21.1 | 13.3 | 1.0 |
| 20 | 09 | 76 | 1135 | | | .3 | 21404 | 6 | 176.00 | 5200. | 760. | 216. | 12. | 18.3 | 15.2 | 1.5 |
| 14 | 10 | 76 | 1210 | | | .3 | 21445 | 6 | 142.00 | 800. | 124. | 124. | 8. | 10.4 | 14.4 | 2.4 |
| 09 | 11 | 76 | 1155 | | | .3 | 21499 | 6 | 187.00 | 850. | 120. | 110. | 4. | 2.0 | 19.9 | 1.5 |
| 08 | 12 | 76 | 1220 | | | .3 | 21585 | 6 | 190.00 | 900. | 28. | 20. | 4. | 1.8 | 10.8 | 1.2 |

| | | | | | | | | | | | |
|--------------------|--|--|--|---------|-------|--------|--------|-------|------|------|-----|
| MAXIMUM | | | | 1400.00 | 5200. | 760. | 292. | 16. | 23.6 | 19.9 | 3.1 |
| AVG OR GEOM MN (*) | | | | 331.98 | 854. | 70.* D | 51.* D | 6.* D | 11.1 | 13.8 | 1.6 |
| MINIMUM | | | | 86.10 | 60. | 4. | 4. | 4. | 0.3 | 10.8 | 0.7 |
| NO OF SAMPLES | | | | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 11 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 | 01 | 76 | 1130 | | | .3 | 0.078 | 0.063 | 0.320 | 0.680 | 0.033 | 4.000 | 406.0 | 15.0L | | |
| 15 | 03 | 76 | 1450 | | | .3 | 0.135 | 0.074 | 0.195 | 0.805 | 0.019 | 5.100 | 344.0 | 14.0 | | |
| 29 | 04 | 76 | 1205 | | | .3 | 0.086 | 0.044 | 0.055 | 0.665 | 0.051 | 4.600 | 360.0 | 15.0L | | |
| 20 | 05 | 76 | 1127 | | | .3 | 0.028 | 0.009 | 0.055 | 0.535 | 0.047 | 2.420 | 386.0 | 10.0 | | |
| 14 | 06 | 76 | 1125 | | | .3 | 0.055 | 0.004 | 0.005 | 0.675 | 0.061 | 0.380 | 364.0 | 24.0 | | |
| 08 | 07 | 76 | 1132 | | | .3 | 0.099 | 0.009 | 0.020 | 0.845 | 0.053 | 1.080 | 340.0 | 24.0 | | |
| 05 | 08 | 76 | 1045 | | | .3 | 0.047 | 0.005 | 0.005 | 0.645 | 0.031 | 0.660 | 300.0 | 11.0 | | |
| 20 | 09 | 76 | 1135 | | | .3 | | | | | | | 334.0 | 11.5 | 323 | |
| 14 | 10 | 76 | 1210 | | | .3 | 0.052 | 0.003 | 0.020 | 0.745 | 0.029 | 1.120 | 316.0 | 13.0 | | |
| 09 | 11 | 76 | 1155 | | | .3 | 0.058 | 0.029 | 0.085 | 0.565 | 0.024 | 1.910 | 418.0 | 5.0 | | |
| 08 | 12 | 76 | 1220 | | | .3 | 0.031 | 0.015 | 0.100 | 0.500 | 0.030 | 6.100 | 468.0 | 15.0L | | |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| MAXIMUM | 0.135 | 0.074 | 0.320 | 0.845 | 0.061 | 6.100 | 468.0 | 24.0 | 323 |
| AVG OR GEOM MN (*) | 0.087 | 0.026 | 0.088 | 0.688 | 0.038 | 2.737 | 366.9 | 14.30 | 323 |
| MINIMUM | 0.028 | 0.003 | 0.005 | 0.500 | 0.019 | 0.380 | 300.0 | 5.0 | 323 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1130 | | | | .3 | 665 | 4.10 | 21.5 | | | | | | | |
| 15 | 03 | 76 | 1450 | | | | .3 | 489 | 7.90 | 13.5 | | | | | | | |
| 29 | 04 | 76 | 1205 | | | | .3 | 520 | 6.10 | 12.5 | | | | | | | |
| 20 | 05 | 76 | 1127 | | | | .3 | 535 | 2.20 | 20.0 | | | | | | | |
| 14 | 06 | 76 | 1125 | | | | .3 | 520 | 3.90 | 25.5 | | | | | | | |
| 08 | 07 | 76 | 1132 | | | | .3 | 500 | 17.00 | 24.5 | | | | | | | |
| 05 | 08 | 76 | 1045 | | | | .3 | 435 | 3.90 | 14.5 | | | | | | | |
| 20 | 09 | 76 | 1135 | | | | .3 | 520 | 4.40 | | | | | | 8.26 | | |
| 14 | 10 | 76 | 1210 | | | | .3 | 540 | 8.90 | 22.5 | | | | | | | |
| 09 | 11 | 76 | 1155 | | | | .3 | 650 | 3.70 | 27.5 | | | | | | | |
| 08 | 12 | 76 | 1220 | | | | .3 | 710 | 3.70 | 24.5 | | | | | | | |
| MAXIMUM | | | | | | | | 710 | 17.00 | 27.5 | | | | | 8.26 | | |
| AVG OR GEOM MN (*) | | | | | | | | 553 | 5.98 | 20.7 | | | | | 8.26 | | |
| MINIMUM | | | | | | | | 435 | 2.20 | 12.5 | | | | | 8.26 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 10 | | | | | 1 | | |

B.O.W./ SITE: TILBURY CREEK
SAMPLE POINT: AT HIGHWAY 2 WEST OF TILBURY
STATION TYPE: RIVER

STATION ID: 04-0013-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

STN NO 46 LAT LONG U.T.M. 17 0380450.0 4679850.0 4 REGION 01 MILEAGE 5.60

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 01 | 76 | 1100 | | | | .3 | 21003 | 4 0 | | 18300E+1 | 3400. | 710. | 360. | 2.5 | 4.3 | 3.2 |
| 25 | 02 | 76 | 1200 | | | | .3 | 21049 | 6 | | 7100. | 410. | 570. | 4. L | 3.2 | 11.6 | 7.2 |
| 23 | 03 | 76 | 1230 | | | | .3 | 21106 | 6 | | 4. L | 4. L | 4. L | 0. | 7.5 | 9.9 | 2.2 |
| 04 | 05 | 76 | 1400 | | | | .3 | 21148 | 6 | | 46000. | 640. | 4. L | 8. | 12.1 | 9.1 | 2.4 |
| 18 | 05 | 76 | 1245 | | | | .3 | 21197 | 6 9 | | 33000. | 1300. | 1900. | | 11.1 | 8.5 | 2.4 |
| 22 | 06 | 76 | 1327 | | | | .3 | 21251 | 6 | | 54000. | 300. | 300. | 136. | 25.0 | 24.0 | 17.6 |
| 19 | 07 | 76 | 1338 | | | | .3 | 21300 | 6 | | 30000. | 1700. | 740. | 18. | 25.1 | 9.1 | 4.0 |
| 09 | 08 | 76 | 1312 | | | | .3 | 21351 | 6 9 | | 38000E+1 | 4300. | 330. | 30. | 22.6 | 10.4 | 5.9 |
| 06 | 10 | 76 | 1205 | | | | .3 | 21422 | 6 | | 10000E+2 | 21000. | 4200. | 1040. | 17.8 | 8.5 | 6.2 |
| 18 | 10 | 76 | 1205 | | | | .3 | 21451 | 9 | | 68000E+1 | 8000. | 900. | 220. | 9.9 | 9.3 | 3.4 |
| 15 | 11 | 76 | 1305 | | | | .3 | 21513 | 6 | | 91000. | 320. | 140. | 16. | 5.1 | 6.3 | 4.4 |
| 08 | 12 | 76 | 1215 | | | | .3 | 21561 | 6 | | 71000E+1 | 5200. | 1200. | 92. | 4.1 | 6.8 | 3.6 |
| MAXIMUM | | | | | | | | | | | 10000E+2 | 21000. | 4200. | 1040. | 25.1 | 24.0 | 17.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 49443.* D | 1091.* D | 302.* D | 39.* D | 12.2 | 9.8 | 5.2 |
| MINIMUM | | | | | | | | | | | 4. | 4. | 4. | 0. | 2.5 | 4.3 | 2.2 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 01 | 76 | 1100 | | | | .3 | 0.428 | 0.133 | 1.120 | 1.710 | 0.425 | 2.420 | | | | |
| 25 | 02 | 76 | 1200 | | | | .3 | 0.171 | 0.133 | 0.250 | 1.450 | 0.051 | 9.100 | | | | |
| 23 | 03 | 76 | 1230 | | | | .3 | 0.200 | 0.126 | 0.395 | 1.180 | 0.031 | 2.060 | | | | |
| 04 | 05 | 76 | 1400 | | | | .3 | 0.113 | 0.040 | 0.295 | 1.200 | 0.063 | 4.400 | | | | |
| 18 | 05 | 76 | 1245 | | | | .3 | 0.430 | | 0.705 | 2.450 | 0.185 | 5.900 | | | | |
| 22 | 06 | 76 | 1327 | | | | .3 | 0.610 | 0.358 | 1.590 | 4.100 | 0.113 | 0.300 | | | | |
| 19 | 07 | 76 | 1338 | | | | .3 | 0.218 | 0.105 | 0.190 | 0.895 | 0.257 | 2.800 | | | | |
| 09 | 08 | 76 | 1312 | | | | .3 | 0.560 | 0.336 | 1.510 | 3.300 | 0.126 | 0.250 | | | | |
| 06 | 10 | 76 | 1205 | | | | .3 | 0.400 | 0.220 | 0.875 | 2.150 | 0.041 | 0.250 | | | | |
| 18 | 10 | 76 | 1205 | | | | .3 | 0.690 | 0.510 | 0.835 | 1.870 | 0.085 | 0.960 | | | | |
| 15 | 11 | 76 | 1305 | | | | .3 | 0.820 | 0.450 | 0.850 | 1.780 | 0.127 | 0.660 | | | | |
| 08 | 12 | 76 | 1215 | | | | .3 | 0.850 | 0.680 | 0.760 | 1.500 | 0.079 | 2.800 | | | | |
| MAXIMUM | | | | | | | | 0.850 | 0.680 | 1.590 | 4.100 | 0.425 | 9.100 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.441 | 0.281 | 0.756 | 1.965 | 0.132 | 2.658 | | | | |
| MINIMUM | | | | | | | | 0.113 | 0.040 | 0.190 | 0.895 | 0.031 | 0.250 | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 11 | 12 | 12 | 12 | 12 | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 01 | 76 | 1100 | | | | .3 | 630 | 17.00 | 38.0 | | | | | | | |
| 25 | 02 | 76 | 1200 | | | | .3 | 382 | 155.00 | 18.0 | | | | | | | |
| 23 | 03 | 76 | 1230 | | | | .3 | 680 | 25.00 | 27.0 | | | | | | | |
| 04 | 05 | 76 | 1400 | | | | .3 | 680 | 45.00 | | | | | | | | |
| 18 | 05 | 76 | 1245 | | | | .3 | 380 | 540.00 | 16.0 | | | | | | | |
| 22 | 06 | 76 | 1327 | | | | .3 | 580 | 38.00 | 28.0 | | | | | | | |
| 19 | 07 | 76 | 1338 | | | | .3 | 455 | 66.00 | 17.0 | | | | | | | |
| 09 | 08 | 76 | 1312 | | | | .3 | 485 | 41.00 | 31.5 | | | | | | | |
| 06 | 10 | 76 | 1205 | | | | .3 | 460 | 78.00 | 34.0 | | | | | | | |
| 18 | 10 | 76 | 1205 | | | | .3 | 600 | 26.00 | 42.0 | | | | | | | |
| 15 | 11 | 76 | 1305 | | | | .3 | 470 | 17.00 | 28.0 | | | | | | | |
| 08 | 12 | 76 | 1215 | | | | .3 | 590 | 8.30 | 32.5 | | | | | | | |
| MAXIMUM | | | | | | | | 680 | 540.00 | 42.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 533 | 88.03 | 28.4 | | | | | | | |
| MINIMUM | | | | | | | | 380 | 8.30 | 16.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 11 | | | | | | | |

B.O.W. / SITE: THAMES RIVER
SAMPLE POINT: AT COUNTY ROAD 16 KOMOKA
STATION TYPE: RIVER

STATION ID: 04-0013-047-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 47 | LAT | LONG | U.T.M. 17 0465550.0 4753450.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 114.80 |
|---------|--------|-------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 02 | 76 | 1055 | | | .3 | | 21091 | 6 | | 4500. | 490. | 960. | | 2.7 | 12.0 | 1.6 |
| 24 03 | 76 | 1200 | | | .3 | | 21137 | 6 | | 13000. | 520. | 1700. | 8. | | | 1.4 |
| 06 05 | 76 | 1020 | | | .3 | | 21183 | 6 | | 6700. | 660. | 170. | 12. | 12.8 | 9.5 | 2.7 |
| 19 05 | 76 | 1450 | | | .3 | | 21227 | 6 | | 1100. | 4. L | 4. L | 4. L | 13.1 | 12.4 | 1.5 |
| 23 06 | 76 | 1450 | | | .3 | | 21265 | 6 | | 56. | 16. | 12. | 8. | 24.5 | 14.8 | 1.5 |
| 20 07 | 76 | 1420 | | | .3 | | 21314 | 6 | | 260. | 36. | 132. | 8. | 23.1 | 12.4 | 2.6 |
| 10 08 | 76 | 1455 | | | .3 | | 21365 | 6 | | 3700. | 192. | 184. | 8. | 22.0 | 14.4 | 1.0 |
| 19 10 | 76 | 1530 | | | .3 | | 21468 | 6 | | 4400. | 300. | 2700. | 4. | 9.0 | 14.1 | 2.3 |
| 17 11 | 76 | 1515 | | | .3 | | 21530 | 6 | | 2820. | 60. | 40. | 36. | 4.5 | 17.9 | 2.4 |
| 07 12 | 76 | 1635 | | | .3 | | 21578 | 6 | | 1100. | 30. | 12. | 4. | 3.1 | 10.8 | 2.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 26 02 | 76 | 1055 | | | .3 | | 0.141 | 0.069 | 0.160 | 0.310 | 0.025 | 5.500 | 328.0 | 54.0 | | |
| 24 03 | 76 | 1200 | | | .3 | | 0.135 | 0.065 | 0.175 | 0.755 | 0.035 | | 310.0 | 22.0 | | |
| 06 05 | 76 | 1020 | | | .3 | | 0.120 | 0.039 | 0.095 | 1.050 | 0.085 | 3.660 | 366.0 | 17.0 | | |
| 19 05 | 76 | 1450 | | | .3 | | 0.099 | 0.049 | 0.165 | 0.585 | 0.100 | 3.720 | 352.0 | 22.5 | | |
| 23 06 | 76 | 1450 | | | .3 | | 0.092 | 0.034 | 0.050 | 0.685 | 0.185 | 1.530 | 396.0 | 15.0L | | |
| 20 07 | 76 | 1420 | | | .3 | | 0.097 | 0.013 | 0.055 | 0.940 | 0.031 | 2.200 | 364.0 | 10.0 | | |
| 10 08 | 76 | 1455 | | | .3 | | 0.129 | 0.065 | 0.020 | 0.655 | 0.073 | 1.720 | 358.0 | 18.0 | | |
| 19 10 | 76 | 1530 | | | .3 | | 0.107 | 0.060 | 0.195 | 0.900 | 0.106 | 1.940 | 362.0 | 1.5 | | |
| 17 11 | 76 | 1515 | | | .3 | | 0.083 | 0.029 | 0.050 | 0.845 | 0.039 | 3.300 | 382.0 | 10.5 | | |
| 07 12 | 76 | 1635 | | | .3 | | 0.134 | 0.073 | 0.640 | 1.200 | 0.058 | 6.400 | 470.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 26 02 | 76 | 1055 | | | .3 | | 462 | 29.00 | 16.0 | | | | | | 1.62 | |
| 24 03 | 76 | 1200 | | | .3 | | 414 | 23.00 | 15.0 | | | | | | | |
| 06 05 | 76 | 1020 | | | .3 | | 550 | 7.80 | 23.5 | | | | | | | |
| 19 05 | 76 | 1450 | | | .3 | | 520 | 9.30 | 23.0 | | | | | | | |
| 23 06 | 76 | 1450 | | | .3 | | 590 | 5.40 | 38.5 | | | | | | | |
| 20 07 | 76 | 1420 | | | .3 | | 540 | 4.90 | 32.0 | | | | | | | |
| 10 08 | 76 | 1455 | | | .3 | | 560 | 13.00 | 28.5 | | | | | | | |
| 19 10 | 76 | 1530 | | | .3 | | 600 | 4.10 | 31.0 | | | | | | | |
| 17 11 | 76 | 1515 | | | .3 | | 670 | 6.70 | 32.0 | | | | | | | |
| 07 12 | 76 | 1635 | | | .3 | | 730 | 6.80 | 41.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: THAMES RIVER
SAMPLE POINT: DOWNSTREAM FROM CHATHAM SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

STATION ID: 04-0013-048-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 48 | LAT | | LONG | | U.T.M. 17 0398825.0 4693450.0 4 | | | | REGION 01 | | MILEAGE | | 14.80 | | |
|---------|--------|-------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 25 02 | 76 | 1640 | | | .3 | | 21060 | 6 | | 14000. | 510. | 2900. | 20. | 1.5 | 10.4 | 2.6 |
| 23 03 | 76 | 1520 | | | .3 | | 21109 | 6 | | 10000. | 1200. | 1800. | | 5.3 | 10.8 | 1.9 |
| 05 05 | 76 | 1010 | | | .3 | | 21151 | 6 9 | | 12000. | 1200. | 80. | 8. | 11.5 | 8.8 | 2.2 |
| 19 05 | 76 | 1039 | | | .3 | | 21199 | 6 | | 10000. | 220. | 230. | 4. L | 14.1 | 8.5 | 1.4 |
| 23 06 | 76 | 1122 | | | .3 | | 21261 | 6 | | 11000E+1 | 300. | 130. | 20. | 23.5 | 8.6 | 3.2 |
| 20 07 | 76 | 1109 | | | .3 | | 21310 | 6 | | 19000. | 410. | 2600. | 8. | 27.4 | 7.6 | 3.5 |
| 10 08 | 76 | 1202 | | | .3 | | 21361 | 6 | | 1700. | 350. | 640. | 4. | 20.5 | 9.4 | 1.7 |
| 07 10 | 76 | 1100 | | | .3 | | 21432 | 6 | | 80000. | 2900. | 900. | 13. | 18.8 | 8.5 | 3.6 |
| 19 10 | 76 | 1045 | | | .3 | | 21461 | 6 | | 5100. | 1000. | 60. | | 9.9 | 8.8 | 1.5 |
| 16 11 | 76 | 1255 | | | .3 | | 21523 | 6 | | 8000. | 840. | 90. | 4. L | 3.0 | 11.6 | |
| 07 12 | 76 | 1205 | | | .3 | | 21571 | 4 | | 14000. | 310. | 190. | 4. | 0.3 | 3.5 | 3.1 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1640 | | | .3 | | 0.208 | 0.076 | 0.235 | 0.925 | 0.040 | 6.700 | | | | |
| 23 | 03 | 76 | 1520 | | | .3 | | 0.315 | 0.091 | 0.165 | 0.775 | 0.112 | 2.360 | | | | |
| 05 | 05 | 76 | 1010 | | | .3 | | 0.159 | 0.048 | 0.040 | 0.925 | 0.032 | 4.000 | 412.0 | 32.5 | 379 | |
| 19 | 05 | 76 | 1039 | | | .3 | | 0.133 | 0.041 | 0.035 | 0.790 | 0.057 | 3.980 | 434.0 | 50.0 | 384 | |
| 23 | 06 | 76 | 1122 | | | .3 | | 0.725 | 0.029 | 0.250 | 0.905 | 0.047 | 0.940 | 384.0 | 20.5 | 364 | |
| 20 | 07 | 76 | 1109 | | | .3 | | 0.164 | 0.021 | 0.010 | 0.910 | 0.026 | 2.900 | 420.0 | 32.0 | 388 | |
| 10 | 08 | 76 | 1202 | | | .3 | | 0.069 | 0.044 | 0.035 | 0.520 | 0.031 | 0.760 | 386.0 | 35.0 | 351 | |
| 07 | 10 | 76 | 1100 | | | .3 | | 0.228 | 0.042 | 0.075 | 0.950 | 0.047 | 1.800 | 522.0 | 88.0 | 434 | |
| 19 | 10 | 76 | 1045 | | | .3 | | 0.104 | 0.035 | 0.055 | 0.790 | 0.032 | 2.060 | 452.0 | 52.0 | 400 | |
| 16 | 11 | 76 | 1255 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 0.101 | 0.041 | 0.330 | 0.820 | 0.057 | 7.200 | 500.0 | 15.0 | 435 | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| | | | | | | | | MAXIMUM | 0.725 | 0.091 | 0.330 | 0.950 | 0.112 | 7.200 | 522.0 | 88.0 | 435 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.221 | 0.047 | 0.123 | 0.831 | 0.048 | 3.270 | 438.8 | 40.6 | 392 |
| | | | | | | | | MINIMUM | 0.069 | 0.021 | 0.010 | 0.520 | 0.026 | 0.760 | 384.0 | 15.0 | 351 |
| | | | | | | | | NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1640 | | | .3 | | 466 | 65.00 | 19.5 | | | | | | | |
| 23 | 03 | 76 | 1520 | | | .3 | | 390 | 140.00 | 13.5 | | | | | | | |
| 05 | 05 | 76 | 1010 | | | .3 | | 550 | 28.00 | 22.5 | 40.0 | 1.40 | | | | | |
| 19 | 05 | 76 | 1039 | | | .3 | | 580 | 38.00 | 25.0 | 48.0 | 1.50 | | | | | |
| 23 | 06 | 76 | 1122 | | | .3 | | 550 | 12.00 | 35.5 | 56.0 | 1.40 | | | | | |
| 20 | 07 | 76 | 1109 | | | .3 | | 560 | 44.00 | 34.0 | 50.0 | 1.95 | | | | | |
| 10 | 08 | 76 | 1202 | | | .3 | | 560 | 45.00 | 29.6 | 48.0 | 2.45 | | | | | |
| 07 | 10 | 76 | 1100 | | | .3 | | 610 | 59.00 | 33.0 | 59.0 | 2.15 | | | | | |
| 19 | 10 | 76 | 1045 | | | .3 | | 630 | 42.00 | 31.5 | 57.0 | 1.70 | | | | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 750 | 16.00 | 35.5 | 62.0 | 3.45 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|--------|------|------|------|--|---|------|-------|
| | | | | | | | | MAXIMUM | 750 | 140.00 | 35.5 | 62.0 | 3.45 | | | 8.50 | 4.720 |
| | | | | | | | | AVG OR GEOM MN (*) | 565 | 48.90 | 28.0 | 52.5 | 2.00 | | | 8.22 | 1.855 |
| | | | | | | | | MINIMUM | 390 | 12.00 | 13.5 | 40.0 | 1.40 | | | 7.99 | 0.600 |
| | | | | | | | | NO OF SAMPLES | 10 | 10 | 10 | 8 | 8 | | 8 | | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 78 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 02 | 76 | 1640 | | | .3 | | | | | | | | | | | |
| 23 | 03 | 76 | 1520 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1010 | | | .3 | | 1.0 | | | | | | | | 17 | |
| 19 | 05 | 76 | 1039 | | | .3 | | 1.0 | | | | | | | | 23 | |
| 23 | 06 | 76 | 1122 | | | .3 | | 8.0 | | | | | | | | 29 | 10 |
| 20 | 07 | 76 | 1109 | | | .3 | | 1.5 | | | | | | | | 15 | |
| 10 | 08 | 76 | 1202 | | | .3 | | 11.0 | | | | | | | | 15 | |
| 07 | 10 | 76 | 1100 | | | .3 | | 1.0 | | | | | | | | 19 | |
| 19 | 10 | 76 | 1045 | | | .3 | | 1.0 | | | | | | | | 11 | 2L |
| 07 | 12 | 76 | 1205 | | | .3 | | 1.0 | | | | | | | | 34 | 4 |

| | | | | | | | | |
|--------------------|---------|------|--|--|--|----|----|----|
| | MAXIMUM | 11.0 | | | | 58 | 34 | 10 |
| AVG OR GEOM MN (*) | 3.2 | | | | | 23 | 20 | 50 |
| | MINIMUM | 1.0 | | | | 4 | 11 | 2 |
| NO OF SAMPLES | 8 | | | | | 3 | 8 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 23 | 06 | 76 | 1122 | | | .3 | | 0.001 | 0.080L | | 0.010L | 0.010 | 0.010 | 0.010L | 0.020 | | 0.010L |
| 19 | 10 | 76 | 1045 | | | .3 | | 0.002 | | | 0.020 | 0.070 | 0.010L | 0.005L | 0.120 | | 0.010L |
| 07 | 12 | 76 | 1205 | | | .3 | | 0.001 | 0.080 | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|--------|--|--------|--------|--------|--------|--------|-------|
| | | | | | | | | MAXIMUM | 0.002 | 0.080 | | 0.020 | 0.070 | 0.010 | 0.010 | 0.120 | 0.010 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.001 | 0.0700 | | 0.0170 | 0.0300 | 0.0100 | 0.0070 | 0.0500 | 0.010 |
| | | | | | | | | MINIMUM | 0.001 | 0.060 | | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | | | | | | NO OF SAMPLES | 3 | 2 | | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: MC GREGOR CREEK
SAMPLE POINT: AT HARMICH-HOWARD TOWNLINE
STATION TYPE: RIVER

STATION ID: 04-0013-049-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 49 | LAT | LONG | U.T.M. 17 0418950.0 4699500.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 31.50 |
|---------|--------|-------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1115 | | .3 | | 21048 | 6 | | 4200. | 290. | 6300. | 4. L | 2.8 | 11.4 | 1.8 |
| 23 | 03 | 76 | 1145 | | .3 | | 21104 | 6 | | 4200. | 380. | 900. | 4. L | 2.7 | 12.4 | 1.9 |
| 04 | 05 | 76 | 1255 | | .3 | | 21146 | 6 | | 30000. | 250. | 440. | 4. | 12.8 | 10.4 | 1.6 |
| 18 | 05 | 76 | 1140 | | .3 | | 21187 | 6 | | 50000. | 9000. | 5300. | | 10.1 | 9.8 | 3.4 |
| 22 | 06 | 76 | 1225 | | .3 | | 21249 | 6 | | 660. | 410. | 200. | 10. | 21.2 | 9.2 | 1.6 |
| 19 | 07 | 76 | 1224 | | .3 | | 21298 | 6 | | 14000. | 820. | 640. | 8. | 23.1 | 9.5 | 1.4 |
| 09 | 08 | 76 | 1220 | | .3 | | 21349 | 6 | | 8100. | 1500. | 540. | 52. | 18.2 | 11.0 | 1.8 |
| 06 | 10 | 76 | 1120 | | .3 | | 21420 | 6 | | 12000. | 810. | 1200. | 4. L | 17.8 | 7.2 | 2.8 |
| 18 | 10 | 76 | 1115 | | .3 | | 21449 | 6 | | 2500. | 260. | 290. | 16. | 7.0 | 11.4 | 2.0 |
| 15 | 11 | 76 | 1215 | | .3 | | 21511 | 6 | | 30000. | 1530. | 120. | 4. L | 0.4 | 19.8 | 4.2 |
| 06 | 12 | 76 | 1100 | | .3 | | 21559 | 4 | | 21000. | 480. | 96. | 4. L | 1.0 | 11.2 | 2.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

50000.
9146.*
660.

9000.
699.*
250.

6300.
600.*
96.

52.
7.* D
4.

23.1
10.6
0.4

19.8
11.2
7.2

4.2
2.4
1.4

NO OF SAMPLES

11 11 11 10 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 25 | 02 | 76 | 1115 | | .3 | | 0.145 | 0.059 | 0.105 | 0.840 | 0.028 | 4.150 | | | | |
| 23 | 03 | 76 | 1145 | | .3 | | 0.120 | 0.039 | 0.085 | 0.710 | 0.027 | 5.200 | | | | |
| 04 | 05 | 76 | 1255 | | .3 | | 0.137 | 0.046 | 0.060 | 0.795 | 0.053 | 4.800 | | | | |
| 18 | 05 | 76 | 1140 | | .3 | | 0.350 | 0.103 | 0.515 | 1.950 | 0.100 | 7.700 | | | | |
| 22 | 06 | 76 | 1225 | | .3 | | 0.163 | 0.061 | 0.005 | 0.900 | 0.057 | 2.290 | | | | |
| 19 | 07 | 76 | 1224 | | .3 | | 0.202 | 0.033 | 0.005L | 0.840 | 0.047 | 3.200 | | | | |
| 09 | 08 | 76 | 1220 | | .3 | | 0.154 | 0.042 | 0.015 | 0.195 | 0.080 | 2.650 | | | | |
| 06 | 10 | 76 | 1120 | | .3 | | 0.384 | 0.264 | 0.030 | 0.730 | 0.031 | 0.900 | | | | |
| 18 | 10 | 76 | 1115 | | .3 | | 0.085 | 0.043 | 0.015 | 0.465 | 0.015 | 0.590 | | | | |
| 15 | 11 | 76 | 1215 | | .3 | | 0.250 | 0.092 | 0.025 | 1.250 | 0.019 | 1.830 | | | | |
| 06 | 12 | 76 | 1100 | | .3 | | 0.119 | 0.073 | 0.255 | 0.665 | 0.021 | 3.000 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.384
0.192
0.085

0.264
0.078
0.033

0.515
0.101D
0.005

1.950
0.849
0.195

0.100
0.043
0.015

7.700
3.301
0.590

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 | 02 | 76 | 1115 | | .3 | | 630 | 49.00 | 31.5 | | | | | | | |
| 23 | 03 | 76 | 1145 | | .3 | | 720 | 30.00 | 36.0 | | | | | | | |
| 04 | 05 | 76 | 1255 | | .3 | | 710 | 41.00 | 36.5 | | | | | | | |
| 18 | 05 | 76 | 1140 | | .3 | | 650 | 145.00 | 36.0 | | | | 216 | | | |
| 22 | 06 | 76 | 1225 | | .3 | | 760 | 64.00 | 39.5 | | | | | | | |
| 19 | 07 | 76 | 1224 | | .3 | | 700 | 51.00 | 37.0 | | | | | | | |
| 09 | 08 | 76 | 1220 | | .3 | | 860 | 47.00 | 60.0 | | | | | | | |
| 06 | 10 | 76 | 1120 | | .3 | | 800 | 44.00 | 42.0 | | | | | | | |
| 18 | 10 | 76 | 1115 | | .3 | | 830 | 14.00 | 41.0 | | | | | | | |
| 15 | 11 | 76 | 1215 | | .3 | | 810 | 38.00 | 45.0 | | | | | | | |
| 06 | 12 | 76 | 1100 | | .3 | | 930 | 16.00 | 48.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

930
764
630

145.00
49.00
14.00

60.0
41.1
31.5

NO OF SAMPLES

11 11 11 1

B.O.W./ SITE: NORTH THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 28
STATION TYPE: RIVER FLOW GAUGE FED 02GEO15

STATION ID: 04-0013-050-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 50 | LAT | | LONG | | U.T.M. 17 0486250.0 4771300.0 4 | | | | REGION 01 | | MILEAGE | | 142.30 | | |
|---------|--------|-------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 23 | 02 | 76 | 1500 | | .3 | | 21074 | 6 | 3610.00 | 1150. | 140. | 2300. | 4. | 0.2 | 13.1 | 1.5 |
| 24 | 03 | 76 | 1410 | | .3 | | 21124 | 6 | 1490.00 | 1300. | 110. | 610. | 1. | 8.0 | 11.8 | 1.5 |
| 29 | 04 | 76 | 1045 | | .3 | | 21166 | 6 | 1070.00 | 2000. | 180. | 160. | 4. | 8.5 | 12.7 | 1.3 |
| 25 | 05 | 76 | 1137 | | .3 | | 21213 | 6 | 234.00 | 32. | 20. | 4. L | 4. L | 14.4 | 11.6 | 1.4 |
| 15 | 06 | 76 | 1455 | | .3 | | 21285 | 6 | 48.00 | 16. | 4. | 52. | 4. L | 27.6 | 14.1 | 1.8 |
| 28 | 07 | 76 | 1245 | | .3 | | 21334 | 6 | 311.00 | 1000. | 196. | 64. | 8. | 23.9 | 12.6 | 1.4 |
| 18 | 08 | 76 | 1303 | | .3 | | 21385 | 6 | 406.00 | 1800. | 428. | 404. | 4. L | 20.9 | 15.0 | 1.0 |
| 20 | 09 | 76 | 1015 | | .3 | | 21401 | 6 | 304.00 | 3700. | 384. | 264. | 4. | 17.7 | 12.3 | |
| 14 | 10 | 76 | 1055 | | .3 | | 21442 | 6 | 176.00 | 160. | 64. | 880. | 4. L | 9.5 | 12.4 | 2.2 |
| 09 | 11 | 76 | 1035 | | .3 | | 21496 | 6 | 265.00 | 500. | 60. | 70. | 4. L | 0.8 | 17.4 | 1.2 |
| 08 | 12 | 76 | 1125 | | .3 | | 21582 | 4 | 246.00 | 152. | 80. | 52. | 4. L | 0.1 | 10.6 | 1.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

3610.00
741.82
48.00

3700.
442.*
16.

428.
87.*
4.

2300.
152.* D
4.

8.
4.* D
1.

27.6
12.0
0.1

17.4
13.1
10.6

2.2
1.5
1.0

NO OF SAMPLES

11 11 11 11 11 11 11 10

CONT'D

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 23 | 02 | 76 | 1500 | | | .3 | | 0.142 | 0.074 | 0.145 | 0.875 | 0.027 | 5.500 | | | | |
| 24 | 03 | 76 | 1410 | | | .3 | | 0.127 | 0.062 | 0.100 | 0.765 | 0.023 | 3.900 | | | | |
| 29 | 04 | 76 | 1045 | | | .3 | | 0.069 | 0.032 | 0.020 | 0.635 | 0.029 | 4.200 | | | | |
| 25 | 05 | 76 | 1137 | | | .3 | | 0.083 | 0.009 | 0.005L | 0.440 | 0.031 | 2.200 | | | | |
| 15 | 06 | 76 | 1455 | | | .3 | | 0.035 | 0.005 | 0.005L | 0.715 | 0.002 | 0.010L | | | | |
| 28 | 07 | 76 | 1245 | | | .3 | | 0.096 | 0.009 | 0.030 | 1.250 | 0.019 | 1.190 | | | | |
| 18 | 08 | 76 | 1303 | | | .3 | | 0.079 | 0.018 | 0.020 | 0.755 | 0.011 | 1.610 | | | | |
| 20 | 09 | 76 | 1015 | | | .3 | | 0.097 | 0.021 | 0.025 | 0.815 | 0.077 | 2.660 | | | | |
| 14 | 10 | 76 | 1055 | | | .3 | | 0.039 | 0.002 | 0.010 | 0.790 | 0.009 | 0.650 | | | | |
| 09 | 11 | 76 | 1035 | | | .3 | | 0.019 | 0.002 | 0.015 | 0.515 | 0.013 | 1.990 | | | | |
| 08 | 12 | 76 | 1125 | | | .3 | | 0.067 | 0.021 | 0.060 | 0.565 | 0.031 | 6.400 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|
| MAXIMUM | 0.142 | 0.074 | 0.145 | 1.250 | 0.077 | 6.400 |
| AVG OR GEOM MN (*) | 0.078 | 0.023 | 0.040D | 0.738 | 0.025 | 2.755D |
| MINIMUM | 0.019 | 0.002 | 0.005 | 0.440 | 0.002 | 0.010 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 23 | 02 | 76 | 1500 | | | .3 | | 449 | 5.70 | 12.5 | | | | | | | |
| 24 | 03 | 76 | 1410 | | | .3 | | 417 | 10.00 | 11.0 | | | | | | | |
| 29 | 04 | 76 | 1045 | | | .3 | | 488 | 4.60 | 11.0 | | | | | | | |
| 25 | 05 | 76 | 1137 | | | .3 | | 475 | 1.10 | 18.0 | | | | | | | |
| 15 | 06 | 76 | 1455 | | | .3 | | 405 | 2.50 | 25.0 | | | | | | | |
| 28 | 07 | 76 | 1245 | | | .3 | | 415 | 8.20 | 13.5 | | | | | | | |
| 18 | 08 | 76 | 1303 | | | .3 | | 495 | 12.00 | 13.0 | | | | | | | |
| 20 | 09 | 76 | 1015 | | | .3 | | | | 17.5 | 36.5 | 2.65 | | | | | 0.600 |
| 14 | 10 | 76 | 1055 | | | .3 | | 488 | 4.10 | 16.5 | | | | | | | |
| 09 | 11 | 76 | 1035 | | | .3 | | 550 | 1.90 | 30.0 | | | | | | | |
| 08 | 12 | 76 | 1125 | | | .3 | | 690 | 2.20 | 21.5 | | | | | | | |

| | | | | | | | | |
|--------------------|-----|-------|------|------|------|--|------|-------|
| MAXIMUM | 690 | 12.00 | 30.0 | 36.5 | 2.65 | | 8.37 | 0.600 |
| AVG OR GEOM MN (*) | 487 | 5.23 | 17.2 | 36.5 | 2.65 | | 8.37 | 0.600 |
| MINIMUM | 405 | 1.10 | 11.0 | 36.5 | 2.65 | | 8.37 | 0.600 |
| NO OF SAMPLES | 10 | 10 | 11 | 1 | 1 | | 1 | 1 |

B.O.W. / SITE: THAMES RIVER
SAMPLE POINT: AT MIDDLESEX COUNTY ROAD 4
STATION TYPE: RIVER

STATION ID: 04-0013-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2070

STN NO 51 LAT LONG U.T.M. 17 0487750.0 4757150.0 4 REGION 01 MILEAGE 133.60

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 23 | 02 | 76 | 1550 | | | .3 | | 21088 | 6 | | 2200. | 490. | 2800. | 4. | | | 1.4 |
| 25 | 03 | 76 | 1200 | | | .3 | | 21134 | 6 | | 1500. | 140. | 2200. | 0. | | | 1.5 |
| 26 | 04 | 76 | 0945 | | | .3 | | 21180 | 6 | | 48000. | 1210. | 3300. | | 4.0 | 12.8 | 3.2 |
| 17 | 05 | 76 | 0935 | | | .3 | | 21230 | 6 | | 2300. | 240. | 4. | L | 16. | 14.6 | 8.8 |
| 21 | 06 | 76 | 0950 | | | .3 | | 21236 | 6 | | 140. | 120. | 72. | L | 18.7 | 8.3 | 1.6 |
| 22 | 07 | 76 | 0937 | | | .3 | | 21335 | 6 | | 21000. | 290. | 640. | | 21.2 | 7.6 | 0.8 |
| 11 | 08 | 76 | 0925 | | | .3 | | 21336 | 6 | | 900. | 150. | 32. | 2. | 20.1 | 10.4 | 2.3 |
| 21 | 09 | 76 | 1010 | | | .3 | | 21390 | 6 | | 390. | 190. | 28. | 4. | L | 14.8 | 12.0 |
| 21 | 10 | 76 | 1000 | | | .3 | | 21480 | 6 | | 5400. | 610. | 2100. | 4. | L | 6.8 | 11.5 |
| 24 | 11 | 76 | 1020 | | | .3 | | 21537 | 6 | | 3300. | 50. | 4. | L | 0.2 | 13.4 | 1.9 |
| 15 | 12 | 76 | 1020 | | | .3 | | 21589 | 4 | | 9000. | 116. | 32. | 4. | L | 0.1 | 16.2 |

| | | | | | | | |
|--------------------|--------|-------|---------|-------|------|------|-----|
| MAXIMUM | 48000. | 1210. | 3300. | 16. | 21.2 | 16.2 | 3.2 |
| AVG OR GEOM MN (*) | 2720.* | 224.* | 151.* D | 4.* D | 11.2 | 11.2 | 1.7 |
| MINIMUM | 140. | 50. | 4. | 0. | 0.1 | 7.6 | 0.8 |
| NO OF SAMPLES | 11 | 11 | 11 | 9 | 9 | 9 | 11 |

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 23 | 02 | 76 | 1550 | | | .3 | | 0.125 | 0.079 | 0.165 | 0.750 | 0.029 | 5.100 | 302.0 | 26.0 | | |
| 25 | 03 | 76 | 1200 | | | .3 | | 0.160 | 0.079 | 0.045 | 0.775 | 0.094 | 3.700 | 408.0 | 45.0 | | |
| 26 | 04 | 76 | 0945 | | | .3 | | 0.225 | 0.081 | 0.170 | 1.300 | 0.037 | 3.700 | 422.0 | 78.0 | | |
| 17 | 05 | 76 | 0935 | | | .3 | | 0.077 | 0.010 | 0.015 | 0.805 | 0.053 | 3.020 | 400.0 | 13.0 | | |
| 21 | 06 | 76 | 0950 | | | .3 | | 0.080 | 0.035 | 0.020 | 0.650 | 0.063 | 1.410 | 394.0 | 12.0 | | |
| 22 | 07 | 76 | 0937 | | | .3 | | 0.350 | 0.188 | 0.005L | 1.500 | 0.203 | 4.300 | 380.0 | 119.0 | | |
| 11 | 08 | 76 | 0925 | | | .3 | | 0.095 | 0.028 | 0.045 | 0.825 | 0.011 | 1.680 | 442.0 | 22.5 | | |
| 21 | 09 | 76 | 1010 | | | .3 | | | | | | | | 448.0 | 17.0 | 431 | |
| 21 | 10 | 76 | 1000 | | | .3 | | 0.116 | 0.007 | 0.005 | 1.130 | 0.023 | 1.870 | 416.0 | 26.5 | | |
| 24 | 11 | 76 | 1020 | | | .3 | | 0.027 | 0.004 | 0.005 | 0.445 | 0.025 | 3.700 | 498.0 | 15.0L | | |
| 15 | 12 | 76 | 1020 | | | .3 | | 0.064 | 0.033 | 0.280 | 0.695 | 0.027 | 3.800 | 490.0 | 15.0L | | |

| | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|-----|
| MAXIMUM | 0.350 | 0.188 | 0.280 | 1.500 | 0.203 | 5.100 | 498.0 | 119.0 | 431 |
| AVG OR GEOM MN (*) | 0.132 | 0.054 | 0.076D | 0.888 | 0.057 | 3.228 | 418.2 | 35.4D | 431 |
| MINIMUM | 0.027 | 0.004 | 0.005 | 0.445 | 0.011 | 1.410 | 302.0 | 12.0 | 431 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 23 | 02 | 76 | 1550 | | | .3 | | 461 | 17.00 | 20.0 | | | | | | | |
| 25 | 03 | 76 | 1200 | | | .3 | | 510 | 32.00 | 19.0 | | | | | | | |
| 26 | 04 | 76 | 0945 | | | .3 | | 455 | 45.00 | 19.0 | | | | | | | |
| 17 | 05 | 76 | 0935 | | | .3 | | 600 | 3.80 | 26.0 | | | | | | | |
| 21 | 06 | 76 | 0950 | | | .3 | | 660 | 3.40 | 40.0 | | | | | | | |
| 22 | 07 | 76 | 0937 | | | .3 | | 430 | 52.00 | 17.0 | | | | | | | |
| 11 | 08 | 76 | 0925 | | | .3 | | 640 | 6.50 | 34.0 | | | | | | | |
| 21 | 09 | 76 | 1010 | | | .3 | | 670 | 12.00 | | | | | | 8.23 | | |
| 21 | 10 | 76 | 1000 | | | .3 | | 660 | 16.00 | 34.5 | | | | | | | |
| 24 | 11 | 76 | 1020 | | | .3 | | 730 | 4.20 | 35.0 | | | | | | | |
| 15 | 12 | 76 | 1020 | | | .3 | | 800 | 2.80 | 39.5 | | | | | | | |
| MAXIMUM | | | | | | | | 800 | 52.00 | 40.0 | | | | | 8.23 | | |
| AVG OR GEOM MN (*) | | | | | | | | 601 | 17.70 | 28.4 | | | | | 8.23 | | |
| MINIMUM | | | | | | | | 430 | 2.80 | 17.0 | | | | | 8.23 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 10 | | | | | 1 | | |

B.O.W./ SITE: BIG SWAMP DRAIN
SAMPLE POINT: AT COUNTY ROAD NO.32 SOUTH OF DORCHESTER
STATION TYPE: RIVER

STATION ID: 04-0013-052-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 52 | LAT | LONG | U.T.M. 17 0495500.0 4757925.0 4 | REGION 01 | MILEAGE | 139.70 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|--------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 04 | 76 | 1005 | | | .3 | | 21184 | 6 | | 3500. | 550. | 2700. | | 3.8 | 13.0 | 0.8 |
| 17 | 05 | 76 | 1530 | | | .3 | | 21225 | 6 | | 180. | 90. | 30. | 4. L | 16.3 | 8.3 | 0.9 |
| 21 | 06 | 76 | 1010 | | | .3 | | 21244 | 6 | | 21. | 120. | 150. | 4. L | 16.8 | 6.6 | 1.3 |
| 22 | 07 | 76 | 1000 | | | .3 | | 21286 | 6 | 3.1 | 670. | 230. | 120. | 4. | 16.3 | 6.7 | 2.2 |
| 11 | 08 | 76 | 0948 | | | .3 | | 21337 | 6 | | 1200. | 240. | 1300. | 16. | 15.9 | 8.2 | 1.2 |
| 21 | 09 | 76 | 1035 | | | .3 | | 21391 | 6 | 1.0 | 360. | 130. | 90. | 4. L | 13.2 | 8.7 | 0.8 |
| 21 | 10 | 76 | 1025 | | | .3 | | 21481 | 6 | | 1700. | 310. | 480. | 4. | 6.0 | 8.9 | 1.3 |
| 24 | 11 | 76 | 1050 | | | .3 | | 21538 | 6 | 4.0 | 1060. | 160. | 4. | 4. L | 2.2 | 9.2 | 2.7 |
| 15 | 12 | 76 | 1035 | | | .3 | | 21590 | 6 | | 210. | 4. | 8. | 4. | 0.1 | 13.2 | 0.3 |
| MAXIMUM | | | | | | | | | | 4.0 | 3500. | 550. | 2700. | 16. | 16.8 | 13.2 | 2.7 |
| AVG OR GEOM MN (*) | | | | | | | | | | 2.7 | 484.* | 127.* | 111.* | 5.* D | 10.1 | 9.2 | 1.3 |
| MINIMUM | | | | | | | | | | 1.0 | 21. | 4. | 4. | 4. | 0.1 | 6.6 | 0.3 |
| NO OF SAMPLES | | | | | | | | | | 3 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 | 04 | 76 | 1005 | | | .3 | | 0.049 | 0.020 | 0.020 | 0.485 | 0.009 | 0.380 | 258.0 | 4.0 | | |
| 17 | 05 | 76 | 1530 | | | .3 | | 0.041 | 0.005 | 0.040 | 0.685 | 0.019 | 0.370 | 360.0 | 11.0 | | |
| 21 | 06 | 76 | 1010 | | | .3 | | 0.034 | 0.012 | 0.045 | 0.480 | 0.029 | 0.460 | 348.0 | 7.0 | | |
| 22 | 07 | 76 | 1000 | | | .3 | | 0.030 | 0.008 | 0.005 | 0.550 | 0.087 | 0.420 | 392.0 | 12.5 | | |
| 11 | 08 | 76 | 0948 | | | .3 | | 0.028 | 0.006 | 0.025 | 0.665 | 0.012 | 1.360 | 428.0 | 9.0 | | |
| 21 | 09 | 76 | 1035 | | | .3 | | | | | | | | 422.0 | 0.5L | 422 | |
| 21 | 10 | 76 | 1025 | | | .3 | | 0.017 | 0.001 | 0.005L | 0.525 | 0.004 | 0.180 | 368.0 | 0.5L | | |
| 24 | 11 | 76 | 1050 | | | .3 | | 0.059 | 0.023 | 0.170 | 0.765 | 0.007 | 0.520 | 392.0 | 15.0L | | |
| 15 | 12 | 76 | 1035 | | | .3 | | 0.010 | 0.005 | 0.030 | 0.375 | 0.009 | 0.920 | 362.0 | 15.0L | | |
| MAXIMUM | | | | | | | | 0.059 | 0.023 | 0.170 | 0.765 | 0.087 | 1.360 | 428.0 | 15.0 | 422 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.034 | 0.010 | 0.043D | 0.566 | 0.022 | 0.576 | 370.0 | 8.3D | 422 | |
| MINIMUM | | | | | | | | 0.010 | 0.001 | 0.005 | 0.375 | 0.004 | 0.180 | 258.0 | 0.5 | 422 | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 1 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 | 04 | 76 | 1005 | | | .3 | | 422 | 5.50 | 31.5 | | | | | | | |
| 17 | 05 | 76 | 1530 | | | .3 | | 540 | 3.80 | 30.0 | | | | | | | |
| 21 | 06 | 76 | 1010 | | | .3 | | 577 | 3.40 | 30.0 | | | | | | | |
| 22 | 07 | 76 | 1000 | | | .3 | | 610 | 2.30 | 35.0 | | | | | | | |
| 11 | 08 | 76 | 0948 | | | .3 | | 620 | 1.50 | 38.0 | | | | | | | |
| 21 | 09 | 76 | 1035 | | | .3 | | 680 | 1.50 | | | | | | 7.87 | | |
| 21 | 10 | 76 | 1025 | | | .3 | | 640 | 1.30 | 54.0 | | | | | | | |
| 24 | 11 | 76 | 1050 | | | .3 | | 630 | 2.40 | 43.0 | | | | | | | |
| 15 | 12 | 76 | 1035 | | | .3 | | 640 | 1.40 | 43.0 | | | | | | | |
| MAXIMUM | | | | | | | | 680 | 5.50 | 54.0 | | | | | 7.87 | | |
| AVG OR GEOM MN (*) | | | | | | | | 595 | 2.57 | 38.1 | | | | | 7.87 | | |
| MINIMUM | | | | | | | | 422 | 1.30 | 30.0 | | | | | 7.87 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 8 | | | | | 1 | | |

B.O.W. / SITE: THAMES RIVER
 SAMPLE POINT: AT MEADOWLILY ROAD LONDON
 STATION TYPE: RIVER

STATION ID: 04-0013-053-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

| STN NO | 53 | LAT | LONG | U.T.M. 17 0484950.0 4757550.0 4 | REGION 01 | MILEAGE | 132.60 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 21 09 76 1000 | | | .3 | | 21407 | 6 | | | | | | 15.0 | 11.6 | 1.2 |
| 21 10 76 0945 | | | .3 | | 21479 | 6 | | 5400. | 300. | 3800. | 4. L | 6.8 | 11.4 | 3.5 |
| 24 11 76 1010 | | | .3 | | 21536 | 6 | | 5900. | 530. | 130. | 4. L | 1.2 | 13.2 | 2.3 |
| 15 12 76 1005 | | | .3 | | 21588 | 6 | | 7000. | 224. | 108. | 4. L | 1.0 | 13.8 | 2.4 |
| MAXIMUM | | | | | | | | 7000. | 530. | 3800. | 4. | 15.0 | 13.8 | 3.5 |
| AVG OR GEOM MN (*) | | | | | | | | 6065.* | 329.* | 377.* | 4.* D | 6.0 | 12.5 | 2.4 |
| MINIMUM | | | | | | | | 5400. | 224. | 108. | 4. | 1.0 | 11.4 | 1.2 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 21 09 76 1000 | | | .3 | | | | | | | | 440.0 | 20.0 | 420 | |
| 21 10 76 0945 | | | .3 | | 0.150 | 0.139 | 0.385 | 1.250 | 0.060 | 1.170 | 412.0 | 23.0 | | |
| 24 11 76 1010 | | | .3 | | 0.051 | 0.015 | 0.005 | 0.495 | 0.025 | 3.900 | 518.0 | 15.0L | | |
| 15 12 76 1005 | | | .3 | | 0.069 | 0.039 | 0.535 | 0.640 | 0.047 | 4.200 | 500.0 | 4.5 | | |
| MAXIMUM | | | | | 0.150 | 0.139 | 0.535 | 1.250 | 0.060 | 4.200 | 518.0 | 23.0 | 420 | |
| AVG OR GEOM MN (*) | | | | | 0.090 | 0.064 | 0.308 | 0.795 | 0.044 | 3.090 | 467.5 | 15.6D | 420 | |
| MINIMUM | | | | | 0.051 | 0.015 | 0.005 | 0.495 | 0.025 | 1.170 | 412.0 | 4.5 | 420 | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | COND. 25C UMHS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 21 09 76 1000 | | | .3 | | 680 | 12.00 | | | | | | 8.16 | | |
| 21 10 76 0945 | | | .3 | | 660 | 12.00 | 35.5 | | | | | | | |
| 24 11 76 1010 | | | .3 | | 740 | 3.80 | 37.5 | | | | | | | |
| 15 12 76 1005 | | | .3 | | 800 | 1.90 | 43.0 | | | | | | | |
| MAXIMUM | | | | | 800 | 12.00 | 43.0 | | | | | 8.16 | | |
| AVG OR GEOM MN (*) | | | | | 720 | 7.43 | 38.7 | | | | | 8.16 | | |
| MINIMUM | | | | | 660 | 1.90 | 35.5 | | | | | 8.16 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 3 | | | | | 1 | | |

B.O.W. / SITE: STORM DRAIN
 SAMPLE POINT: STRATFORD MUNICIPAL STORM DRAIN NEAR LORNE AVE BRIDGE ON AVON RIVER
 STATION TYPE: STORM DRAIN

STATION ID: 04-0013-054-05

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

| STN NO | 54 | LAT | | LONG | | U.T.M. 17 0498875.0 4801150.0 4 | | | | | REGION 01 | | MILEAGE 173.30 | |
|--------------------|------|-----|-------|------|--------------|---------------------------------|-----------------------|-------------------------|-------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 21 09 76 1400 | | | .3 | | 21409 | 6 | | 80000. | 3000. | 51000. | 12. | 14.0 | 9.7 | 13.6 |
| 21 10 76 1455 | | | .3 | | 21491 | 6 | | 67000. | 4000. | 6300. | 70. | 8.1 | 10.0 | 11.0 |
| 24 11 76 1455 | | | .3 | | 21548 | 6 | | 1090. | 40. | 24. | 4. L | 4.9 | | 2.2 |
| 15 12 76 1450 | | | .3 | | 21600 | 6 | | 1140. | 32. | 240. | 4. L | 2.9 | 16.3 | 0.3 |
| MAXIMUM | | | | | | | | 80000. | 4000. | 51000. | 70. | 14.0 | 16.3 | 13.6 |
| AVG OR GEOM MN (*) | | | | | | | | 9034.* | 352.* | 1166.* | 11.* D | 7.5 | 12.0 | 6.8 |
| MINIMUM | | | | | | | | 1090. | 32. | 24. | 4. | 2.9 | 9.7 | 0.3 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 3 | 4 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 21 09 76 1400 | | | .3 | | | | | | | | 614.0 | 19.5 | 595 | |
| 21 10 76 1455 | | | .3 | | 0.041 | 0.009 | 0.015 | 0.775 | 0.006 | 0.790 | 524.0 | 5.0 | | |
| 24 11 76 1455 | | | .3 | | 0.107 | 0.059 | 0.030 | 0.420 | 0.009 | 3.900 | 690.0 | 15.0L | | |
| 15 12 76 1450 | | | .3 | | 0.075 | 0.044 | 0.070 | 0.500 | 0.016 | 3.200 | 706.0 | 15.0L | | |
| MAXIMUM | | | | | 0.107 | 0.059 | 0.070 | 0.775 | 0.016 | 3.900 | 706.0 | 19.5 | 595 | |
| AVG OR GEOM MN (*) | | | | | 0.074 | 0.037 | 0.038 | 0.565 | 0.010 | 2.630 | 633.5 | 13.6D | 595 | |
| MINIMUM | | | | | 0.041 | 0.009 | 0.015 | 0.420 | 0.006 | 0.790 | 524.0 | 5.0 | 595 | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 09 | 76 | 1400 | | | .3 | | 990 | 8.20 | | | | | | 7.79 | | 0.240 |
| 21 | 10 | 76 | 1455 | | | .3 | | 890 | 4.40 | 66.0 | | | | | | | 0.560 |
| 24 | 11 | 76 | 1455 | | | .3 | | 1010 | 2.90 | 88.0 | | | | | | | 0.140 |
| 15 | 12 | 76 | 1450 | | | .3 | | 1080 | 5.20 | 100.0 | | | | | | | 0.56 |

MAXIMUM 1080 8.20 100.0 7.79 0.560
 AVG OR GEOM MN (+) 993 5.18 84.7 7.79 0.375
 MINIMUM 890 2.90 66.0 7.79 0.140

NO OF SAMPLES 4 4 3 1 4

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 21 | 09 | 76 | 1400 | | | .3 | | | | | | | | | | 40 | 2L |
| 21 | 10 | 76 | 1455 | | | .3 | | | | | | | | | | | 10 |
| 24 | 11 | 76 | 1455 | | | .3 | | | | | | | | | | | 2L |
| 15 | 12 | 76 | 1450 | | | .3 | | | | | | | | | | | |

MAXIMUM 40 10
 AVG OR GEOM MN (+) 40 50
 MINIMUM 40 2

NO OF SAMPLES 1 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 09 | 76 | 1400 | | | .3 | | | | | | 0.030 | | | 0.100 | | 0.010L |
| 21 | 10 | 76 | 1455 | | | .3 | | | | | | 0.010L | | | 0.010 | | 0.010L |
| 24 | 11 | 76 | 1455 | | | .3 | | | | | | 0.020L | | | 0.100 | | 0.020L |
| 15 | 12 | 76 | 1450 | | | .3 | | | | | | 0.020L | | | 0.160 | | 0.020L |

MAXIMUM 0.030 0.027
 AVG OR GEOM MN (+) 0.020D 0.015D
 MINIMUM 0.010 0.010

NO OF SAMPLES 4 4 4

B.O.W./ SITE: THAMES RIVER
 SAMPLE POINT: AT HIGHWAY 59 SOUTH OF TAVISTOCK
 STATION TYPE: RIVER

STATION ID: 04-0013-055-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: THAMES RIVER

STORET CODE: 02
 003
 2870

STN NO 55 LAT LONG U.T.M. 17 0512275.0 4794600.0 4 REGION 01 MILEAGE 185.70

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 09 | 76 | 1430 | | | .3 | | 21410 | 6 | | | | | | 15.0 | 11.3 | 1.8 |
| 21 | 10 | 76 | 1400 | | | .3 | | 21489 | 6 | | 15000. | 840. | 3800. | 28. | 7.3 | 9.9 | 1.7 |
| 24 | 11 | 76 | 1350 | | | .3 | | 21546 | 6 | | 190. | 20. | 4. L | 4. L | 1.2 | | 1.7 |
| 15 | 12 | 76 | 1410 | | | .3 | | 21598 | 4 | | 2200. | 112. | 536. | 4. L | 0.2 | 13.2 | 1.0 |

MAXIMUM 15000. 840. 3800. 28. 15.0 13.2 1.8
 AVG OR GEOM MN (+) 1844.* 123.* 201.* D 8.* D 5.9 11.5 1.6
 MINIMUM 190. 20. 4. 4. 0.2 9.9 1.0

NO OF SAMPLES 3 3 3 3 4 3 4

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|-------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 09 | 76 | 1430 | | | .3 | | | | | | | | 380.0 | 8.0 | 372 | |
| 21 | 10 | 76 | 1400 | | | .3 | 0.091 | 0.051 | 0.190 | 1.150 | 0.031 | 1.130 | 386.0 | 3.5 | | | |
| 24 | 11 | 76 | 1350 | | | .3 | 0.041 | 0.019 | 0.015 | 0.530 | 0.010 | 1.650 | 430.0 | 15.0L | | | |
| 15 | 12 | 76 | 1410 | | | .3 | 0.051 | 0.023 | 0.155 | 0.655 | 0.017 | 2.400 | 400.0 | 7.5 | | | |

MAXIMUM 0.091 0.051 0.190 1.150 0.031 2.400 430.0 15.0 372
 AVG OR GEOM MN (+) 0.061 0.031 0.120 0.778 0.019 1.727 399.0 8.50 372
 MINIMUM 0.041 0.019 0.015 0.530 0.010 1.130 380.0 3.5 372

NO OF SAMPLES 3 3 3 3 3 4 4 1

CONT'D

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 09 | 76 | 1430 | | | .3 | | 600 | 7.60 | | | | | | 7.89 | | |
| 21 | 10 | 76 | 1400 | | | .3 | | 650 | 2.40 | 15.0 | | | | | | | |
| 24 | 11 | 76 | 1350 | | | .3 | | 620 | 3.70 | 13.5 | | | | | | | |
| 15 | 12 | 76 | 1410 | | | .3 | | 670 | 4.00 | 13.0 | | | | | | | |
| MAXIMUM | | | | | | | | 670 | 7.60 | 15.0 | | | | | 7.89 | | |
| AVG OR GEOM MN (*) | | | | | | | | 635 | 4.43 | 13.8 | | | | | 7.89 | | |
| MINIMUM | | | | | | | | 600 | 2.40 | 13.0 | | | | | 7.89 | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 3 | | | | | 1 | | |

B.O.W. / SITE: NORTH THAMES RIVER
SAMPLE POINT: DOWNSTREAM FROM CAMPBELLS SOUP CO OUTFALL
STATION TYPE: RIVER FLOW GAUGE FED 02GE005

STATION ID: 04-0013-056-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: THAMES RIVER

STORET CODE: 02
003
2870

| STN NO | 56 | LAT | LONG | U.T.M. 17 0484450.0 4787300.0 4 | | | | REGION 01 | | MILEAGE 154.50 | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 09 | 76 | 1200 | | | .3 | | 21405 | 6 | 176.00 | 4400. | 492. | 52. | 4. | 15.4 | 18.2 | 1.6 |
| 14 | 10 | 76 | 1235 | | | .3 | | 21446 | 6 | 142.00 | 1100. | 175. | 192. | 4. L | 9.9 | 14.3 | 2.4 |
| 09 | 11 | 76 | 1215 | | | .3 | | 21500 | 6 | 187.00 | 470. | 70. | 90. | 4. L | 0.3 | 18.8 | 0.8 |
| 08 | 12 | 76 | 1235 | | | .3 | | 21586 | 6 | 190.00 | 8400. | 840. | 760. | 16. | 0.2 | 13.0 | 1.2 |
| MAXIMUM | | | | | | | | | | 190.00 | 8400. | 840. | 760. | 16. | 15.4 | 18.8 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 173.75 | 2091.* | 267.* | 162.* | 6.* D | 6.5 | 16.1 | 1.5 |
| MINIMUM | | | | | | | | | | 142.00 | 470. | 70. | 52. | 4. | 0.2 | 13.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 09 | 76 | 1200 | | | .3 | | | | | | | | 350.0 | 16.0 | 334 | |
| 14 | 10 | 76 | 1235 | | | .3 | | 0.080 | 0.012 | 0.010 | 0.765 | 0.025 | 1.040 | 308.0 | 6.5 | | |
| 09 | 11 | 76 | 1215 | | | .3 | | 0.037 | 0.017 | 0.025 | 0.475 | 0.021 | 1.890 | 398.0 | 4.5 | | |
| 08 | 12 | 76 | 1235 | | | .3 | | 0.040 | 0.027 | 0.070 | 0.515 | 0.028 | 6.300 | 468.0 | 15.0L | | |
| MAXIMUM | | | | | | | | 0.080 | 0.027 | 0.070 | 0.765 | 0.028 | 6.300 | 468.0 | 16.0 | 334 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.052 | 0.019 | 0.035 | 0.585 | 0.025 | 3.077 | 381.0 | 10.5D | 334 | |
| MINIMUM | | | | | | | | 0.037 | 0.012 | 0.010 | 0.475 | 0.021 | 1.040 | 308.0 | 4.5 | 334 | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 1 | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 09 | 76 | 1200 | | | .3 | | 530 | 7.30 | | | | | | 8.23 | | |
| 14 | 10 | 76 | 1235 | | | .3 | | 510 | 6.30 | 20.0 | | | | | | | |
| 09 | 11 | 76 | 1215 | | | .3 | | 630 | 3.60 | 26.0 | | | | | | | |
| 08 | 12 | 76 | 1235 | | | .3 | | 720 | 2.30 | 25.5 | | | | | | | |
| MAXIMUM | | | | | | | | 720 | 7.30 | 26.0 | | | | | 8.23 | | |
| AVG OR GEOM MN (*) | | | | | | | | 598 | 4.88 | 23.8 | | | | | 8.23 | | |
| MINIMUM | | | | | | | | 510 | 2.30 | 20.0 | | | | | 8.23 | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 3 | | | | | 1 | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 20 | 09 | 76 | 1200 | | | .3 | | | | | | | | | | 23 | 2L |
| 14 | 10 | 76 | 1235 | | | .3 | | | | | | | | | | | |
| 09 | 11 | 76 | 1215 | | | .3 | | | | | | | | | | | 2L |
| 08 | 12 | 76 | 1235 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | | | | | 23 | 2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | 23 | 20 |
| MINIMUM | | | | | | | | | | | | | | | | 23 | 2 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | 1 | 2 |

B.O.W./ SITE: WHITE ASH CREEK

SAMPLE POINT: AT FIRST ROAD SOUTH OF THAMES RIVER NEAR HIGHWAY NO 21

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: THAMES RIVER

STATION ID: 04-0013-057-02

STORET CODE: 02

003

2870

| STN NO | 57 | LAT | LONG | U.T.M. 17 0420675.0 4710300.0 4 | REGION 01 | MILEAGE | 38.60 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOB |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 10 76 1310 | | | .3 | | 21437 | 6 | 10.4 | 70000. | 22000. | 14100. | 52. | 12.0 | 9.5 | 1.8 |
| 19 10 76 1330 | | | .3 | | 21465 | 6 | 4.9 | 560. | 170. | 260. | 4. L | 8.0 | 12.6 | 0.8 |
| 15 11 76 1120 | | | .3 | | 21528 | 6 | 6.3 | 2200. | 1100. | 1410. | 4. L | 1.0 | 18.6 | |
| 07 12 76 1515 | | | .3 | | 21576 | 6 | | 7000. | 60. | 60. | 4. L | 0.2 | 10.0 | 7.1 |
| MAXIMUM | | | | | | | 10.4 | 70000. | 22000. | 14100. | 52. | 12.0 | 18.6 | 7.1 |
| AVG OR GEOM MN (*) | | | | | | | 7.2 | 4957.* | 705.* | 746.* | 8.* D | 5.3 | 12.7 | 3.2 |
| MINIMUM | | | | | | | 4.9 | 560. | 60. | 60. | 4. | 0.2 | 9.5 | 0.8 |
| NO OF SAMPLES | | | | | | | | 3 | 4 | 4 | 4 | 4 | 4 | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 10 76 1310 | | | .3 | | 0.080 | 0.005 | 0.015 | 0.810 | 0.022 | 1.640 | | | | |
| 19 10 76 1330 | | | .3 | | 0.024 | 0.003 | 0.005 | 0.535 | 0.014 | 1.780 | | | | |
| 15 11 76 1120 | | | .3 | | | | | | | | | | | |
| 07 12 76 1515 | | | .3 | | 0.047 | 0.005 | 0.090 | 0.520 | 0.021 | 2.900 | | | | |
| MAXIMUM | | | | | 0.080 | 0.005 | 0.090 | 0.810 | 0.022 | 2.900 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.050 | 0.004 | 0.037 | 0.622 | 0.019 | 2.107 | | | | |
| MINIMUM | | | | | 0.024 | 0.003 | 0.005 | 0.520 | 0.014 | 1.640 | | | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | | | MG/L | MG/L |
| 07 10 76 1310 | | | .3 | | 760 | 24.00 | 35.0 | | | | | | | |
| 19 10 76 1330 | | | .3 | | 760 | 7.20 | 29.5 | | | | | | | |
| 07 12 76 1515 | | | .3 | | 760 | 21.00 | 31.0 | | | | | | | |
| MAXIMUM | | | | | 760 | 24.00 | 35.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 760 | 17.40 | 31.8 | | | | | | | |
| MINIMUM | | | | | 760 | 7.20 | 29.5 | | | | | | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | | | | | | | |

B.O.W./ SITE: THAMES RIVER

SAMPLE POINT: AT COUNTY ROAD NO 15 NEAR KENT BRIDGE

STATION TYPE: RIVER FLOW GAUGE FED 02GEO03

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: THAMES RIVER

STATION ID: 04-0013-058-02

STORET CODE: 02

003

2870

| STN NO | 58 | LAT | LONG | U.T.M. 17 0411900.0 4707150.0 4 | REGION 01 | MILEAGE | 30.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOB |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 10 76 1250 | | | .3 | | 21436 | 6 | 541. | 1800. | 520. | 280. | 4. L | 14.8 | 9.6 | 1.8 |
| 19 10 76 1320 | | | .3 | | 21465 | 6 | 747. | 1000. | 12. | 400. | 4. L | 9.1 | 12.1 | 1.8 |
| 15 11 76 1155 | | | .3 | | 21527 | 6 | 1050. | 390. | 12. | 4. L | 4. L | 1.2 | 18.6 | 2.0 |
| 07 12 76 1455 | | | .3 | | 21575 | 4 | 1030. | 11000. | 150. | 4. L | 4. L | 0.1 | 8.4 | 1.3 |
| MAXIMUM | | | | | | | 1050. | 11000. | 520. | 400. | 4. | 14.8 | 18.8 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | 842. | 1667.* | 58.* | 37.* D | 4.* D | 6.3 | 12.2 | 1.7 |
| MINIMUM | | | | | | | 541. | 390. | 12. | 4. | 4. | 0.1 | 8.4 | 1.3 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 10 76 1250 | | | .3 | | 0.105 | 0.033 | 0.015 | 0.695 | 0.016 | 1.430 | 426.0 | 43.0 | | |
| 19 10 76 1320 | | | .3 | | 0.093 | 0.053 | 0.065 | 0.585 | 0.026 | 1.690 | 394.0 | 23.5 | | |
| 15 11 76 1155 | | | .3 | | 0.045 | 0.026 | 0.105 | 0.845 | 0.023 | 3.100 | 460.0 | 15.0L | | |
| 07 12 76 1455 | | | .3 | | 0.075 | 0.040 | 0.320 | 0.715 | 0.036 | 6.600 | 492.0 | 15.0L | | |
| MAXIMUM | | | | | 0.105 | 0.053 | 0.320 | 0.715 | 0.036 | 6.600 | 492.0 | 43.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.080 | 0.038 | 0.126 | 0.635 | 0.025 | 3.205 | 443.0 | 24.1D | | |
| MINIMUM | | | | | 0.045 | 0.026 | 0.015 | 0.545 | 0.016 | 1.430 | 394.0 | 15.0 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 10 | 76 | 1250 | | | .3 | | 610 | 51.00 | 32.5 | | | | | | | |
| 19 | 10 | 76 | 1320 | | | .3 | | 610 | 19.00 | 32.0 | | | | | | | |
| 15 | 11 | 76 | 1155 | | | .3 | | 690 | 7.70 | | | | | | | | |
| 07 | 12 | 76 | 1455 | | | .3 | | 730 | 14.00 | 35.0 | | | | | | | |
| MAXIMUM | | | | | | | | 730 | 51.00 | 35.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 660 | 22.93 | 33.2 | | | | | | | |
| MINIMUM | | | | | | | | 610 | 7.70 | 32.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 3 | | | | | | | |

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT HIGHWAY 40 WALLACEBURG
STATION TYPE: RIVER COMPOSITE

STATION ID: 04-0027-001-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 1 LAT LONG U.T.M. 17 0386125.0 4716225.0 4 REGION 01 MILEAGE 2.80

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | 21015 | 4 | | 5300. | 370. | 430. | 0. | 0.5 | 8.7 | 1.6 |
| 26 | 02 | 76 | 1530 | | | .3 | | 21061 | 6 | | 3700. | 280. | 3400. | | 4.7 | 12.0 | 1.3 |
| 23 | 03 | 76 | 1615 | | | .3 | | 21110 | 6 | | 2100. | 120. | 40. | 4. | 6.2 | 11.2 | 1.4 |
| 05 | 05 | 76 | 1110 | | | .3 | | 21152 | 6 | | 8000. | 210. | 92. | 4. | 11.7 | 8.4 | 1.2 |
| 19 | 05 | 76 | 1140 | | | .3 | | 21201 | 6 | | 5200. | 100. | 60. | 4. | 13.2 | 9.3 | 1.1 |
| 23 | 06 | 76 | 1224 | | | .3 | | 21262 | 6 | | 1100. | 36. | 832. | 4. | 28.2 | 11.0 | 1.5 |
| 20 | 07 | 76 | 1200 | | | .3 | | 21311 | 6 | | 16400. | 136. | 600. | 16. | 24.2 | 8.4 | 1.7 |
| 10 | 08 | 76 | 1251 | | | .3 | | 21362 | 6 | | 9400. | 160. | 296. | 4. | 24.9 | 12.0 | 0.5 |
| 07 | 10 | 76 | 1155 | | | .3 | | 21433 | 6 | | 14000. | 900. | 410. | 12. | 15.0 | 8.9 | 1.4 |
| 19 | 10 | 76 | 1205 | | | .3 | | 21462 | 6 | | 9000. | 170. | 390. | 4. | 10.7 | 12.0 | 1.2 |
| 16 | 11 | 76 | 1345 | | | .3 | | 21524 | 4 | | 2300. | 120. | 10. | 4. | 6.2 | 10.4 | |
| 07 | 12 | 76 | 1350 | | | .3 | | 21572 | 4 | | 1740. | 50. | 12. | 4. | 0.8 | 10.8 | 2.3 |
| MAXIMUM | | | | | | | | | | | 16400. | 900. | 3400. | 16. | 28.2 | 12.0 | 2.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 4791.* | 155.* | 177.* | 4.* D | 12.2 | 10.3 | 1.4 |
| MINIMUM | | | | | | | | | | | 1100. | 36. | 10. | 0. | 0.5 | 8.4 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 11 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | 0.061 | 0.019 | 0.120 | 0.325 | 0.014 | 1.860 | 360.0 | 5.0 | | |
| 26 | 02 | 76 | 1530 | | | .3 | | 0.202 | 0.113 | 0.210 | 1.200 | 0.043 | 3.400 | 346.0 | 72.0 | | |
| 23 | 03 | 76 | 1615 | | | .3 | | 0.076 | 0.046 | 0.140 | 0.620 | 0.023 | 2.010 | 340.0 | 14.5 | | |
| 05 | 05 | 76 | 1110 | | | .3 | | 0.073 | 0.040 | 0.080 | 0.755 | 0.038 | 3.600 | 336.0 | 18.0 | 318 | |
| 19 | 05 | 76 | 1140 | | | .3 | | 0.086 | 0.027 | 0.015 | 0.725 | 0.059 | 3.080 | 354.0 | 35.0 | 319 | |
| 23 | 06 | 76 | 1224 | | | .3 | | 0.440 | 0.014 | 0.105 | 0.800 | 0.049 | 0.960 | 370.0 | 23.0 | 347 | |
| 20 | 07 | 76 | 1200 | | | .3 | | 0.093 | 0.034 | 0.055 | 0.820 | 0.061 | 3.400 | 330.0 | 17.0 | 313 | |
| 10 | 08 | 76 | 1251 | | | .3 | | 0.055 | 0.018 | 0.060 | 0.575 | 0.027 | 0.890 | 246.0 | 14.5 | 232 | |
| 07 | 10 | 76 | 1155 | | | .3 | | 0.093 | 0.049 | 0.085 | 0.515 | 0.014 | 0.360 | 192.0 | 17.0 | 175 | |
| 19 | 10 | 76 | 1205 | | | .3 | | 0.028 | 0.005 | 0.045 | 0.385 | 0.007 | 0.240 | 186.0 | 9.0 | 177 | |
| 16 | 11 | 76 | 1345 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1350 | | | .3 | | 0.035 | 0.016 | 0.040 | 0.355 | 0.007 | 0.520 | 206.0 | 5.0 | 201 | |
| MAXIMUM | | | | | | | | 0.440 | 0.113 | 0.210 | 1.200 | 0.061 | 3.800 | 370.0 | 72.0 | 347 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.113 | 0.035 | 0.087 | 0.643 | 0.031 | 1.865 | 296.9 | 20.9 | 260 | |
| MINIMUM | | | | | | | | 0.028 | 0.005 | 0.015 | 0.325 | 0.007 | 0.240 | 186.0 | 5.0 | 175 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 8 | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | 560 | 6.20 | 26.0 | | | | | | 0.45 | |
| 26 | 02 | 76 | 1530 | | | .3 | | 395 | 85.00 | 14.5 | | | | | | 4.90 | |
| 23 | 03 | 76 | 1615 | | | .3 | | 464 | 32.00 | 17.0 | | | | | | | 2.100 |
| 05 | 05 | 76 | 1110 | | | .3 | | 427 | 32.00 | 13.5 | 37.5 | 2.00 | | | 8.30 | | 1.600 |
| 19 | 05 | 76 | 1140 | | | .3 | | 480 | 31.00 | 14.0 | 48.0 | 2.05 | | | 8.08 | | 1.800 |
| 23 | 06 | 76 | 1224 | | | .3 | | 500 | 19.00 | 16.5 | 50.0 | 0.60 | | | 8.55 | | 1.000 |
| 20 | 07 | 76 | 1200 | | | .3 | | 450 | 31.00 | 12.0 | 34.0 | 3.30 | | | 8.03 | | 1.700 |
| 10 | 08 | 76 | 1251 | | | .3 | | 400 | 20.00 | 17.0 | 33.5 | 2.50 | | | 8.24 | | 0.980 |
| 07 | 10 | 76 | 1155 | | | .3 | | 306 | 19.00 | 14.0 | 27.0 | 1.00 | | | 8.24 | | 0.92 |
| 19 | 10 | 76 | 1205 | | | .3 | | 321 | 6.30 | 23.5 | 26.0 | 0.60 | | | 8.24 | | 0.340 |
| 07 | 12 | 76 | 1350 | | | .3 | | 350 | 3.70 | 28.5 | 27.0 | 0.45 | | | 8.02 | | 0.120 |
| MAXIMUM | | | | | | | | 560 | 85.00 | 28.5 | 50.0 | 3.30 | | | 8.55 | 4.90 | 2.100 |
| AVG OR GEOM MN (*) | | | | | | | | 423 | 25.93 | 17.9 | 35.4 | 1.56 | | | 8.21 | 2.68 | 1.173 |
| MINIMUM | | | | | | | | 306 | 3.70 | 12.0 | 26.0 | 0.45 | | | 8.02 | 0.45 | 0.120 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 8 | 8 | | | 8 | 2 | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 26 | 02 | 76 | 1530 | | | .3 | | | | | | | | | | | |
| 23 | 03 | 76 | 1615 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1110 | | | .3 | | 1.0 | | | | | | | | 13 | |
| 19 | 05 | 76 | 1140 | | | .3 | | 1.0 | | | | | | | | 13 | |
| 23 | 06 | 76 | 1224 | | | .3 | | | | | | | | | 4 | 25 | 2 |
| 20 | 07 | 76 | 1200 | | | .3 | | 1.0 | | | | | | | | 17 | |
| 10 | 08 | 76 | 1251 | | | .3 | | 2.0 | | | | | | | 63 | 10 | |
| 07 | 10 | 76 | 1155 | | | .3 | | 1.0 | | | | | | | | | |
| 19 | 10 | 76 | 1205 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 07 | 12 | 76 | 1350 | | | .3 | | 1.0 | | | | | | | 37 | 20 | 2L |

MAXIMUM 2.0 63 25 2
 AVG OR GEOM MN (*) 1.3 35 16 2D
 MINIMUM 1.0 4 10 2

NO OF SAMPLES 7 3 6 3

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.020 | | 0.010 |
| 26 | 02 | 76 | 1530 | | | .3 | | | | | 0.040 | 0.010 | 0.020 | | 0.040L | | 0.010L |
| 23 | 03 | 76 | 1615 | | | .3 | | | | | 0.040L | 0.070 | 0.020 | | 0.030 | | 0.010L |
| 19 | 05 | 76 | 1140 | | | .3 | | | | | 0.040L | 0.006 | 0.010L | | 0.030 | | 0.009 |
| 23 | 06 | 76 | 1224 | | | .3 | 0.001 | 0.060L | | | 0.010L | 0.020 | 0.010L | 0.010L | 0.030 | | 0.010L |
| 10 | 08 | 76 | 1251 | | | .3 | | | | | 0.010 | 0.010 | 0.020L | | 0.020 | | 0.010L |
| 07 | 10 | 76 | 1155 | | | .3 | | | | | 0.030 | 0.010L | 0.010L | | 0.040 | | 0.010 |
| 19 | 10 | 76 | 1205 | | | .3 | 0.001L | | | | 0.040 | 0.030 | 0.010L | 0.005L | 0.020 | | 0.010L |
| 16 | 11 | 76 | 1345 | | | .3 | | | | | 0.010L | 0.010L | 0.010L | | 0.020 | | 0.010L |
| 07 | 12 | 76 | 1350 | | | .3 | 0.001 | 0.030 | | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

MAXIMUM 0.001 0.060 0.040 0.070 0.020 0.010 0.040 0.010
 AVG OR GEOM MN (*) 0.001D 0.045D 0.026D 0.020D 0.013D 0.007D 0.026D 0.010D
 MINIMUM 0.001 0.030 0.010 0.006 0.010 0.005 0.010 0.009

NO OF SAMPLES 3 2 10 10 10 3 10 10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 27 | 01 | 76 | 1330 | | | .3 | | | | | | | | | | | 21015 |
| 26 | 02 | 76 | 1530 | | | .3 | | | | | | | | | | | 21061 |
| 23 | 03 | 76 | 1615 | | | .3 | | | 0.01L | | | | | | | | 21110 |
| 19 | 05 | 76 | 1140 | | | .3 | | | | | | | | | | | 21201 |
| 23 | 06 | 76 | 1224 | | | .3 | | | 0.01L | | | | | | | | 21262 |
| 10 | 08 | 76 | 1251 | | | .3 | | | | | | | | | | | 21362 |
| 07 | 10 | 76 | 1155 | | | .3 | | | 0.01L | | | | | | | | 21433 |
| 19 | 10 | 76 | 1205 | | | .3 | | | 0.01L | | | | | | | | 21462 |
| 16 | 11 | 76 | 1345 | | | .3 | | | 0.01L | | | | | | | | 21524 |
| 07 | 12 | 76 | 1350 | | | .3 | | | | | | | | | | | 21572 |

MAXIMUM 0.01
 AVG OR GEOM MN (*) 0.01D
 MINIMUM 0.01

NO OF SAMPLES 5

B.O.W./ SITE: BEAR CREEK
 SAMPLE POINT: AT FIRST CONCESSION WEST OF PETROLIA
 STATION TYPE: RIVER

STATION ID: 04-0027-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
 003
 2980

STN NO 4 LAT LONG U.T.M. 17 0404475.0 4746150.0 4 REGION 01 MILEAGE 38.80

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 01 | 76 | 1345 | | | .3 | | 21021 | 4 | | 14400E+2 | 4700. | 1580. | 92. | 0.2 | 9.5 | 2.7 |
| 26 | 02 | 76 | 1350 | | | .3 | | 21067 | 6 | | 4900. | 440. | 6600. | | 3.1 | 10.6 | 1.3 |
| 17 | 03 | 76 | 1435 | | | .3 | | 21120 | 6 | | 6200. | 1100. | 2000. | | 3.5 | 13.8 | 1.2 |
| 03 | 05 | 76 | 1350 | | | .3 | | 21162 | 6 | | 27000. | 580. | 140. | 10. | 12.4 | 9.4 | 2.2 |
| 26 | 05 | 76 | 1321 | | | .3 | | 21210 | 6 | | 24000. | 1000. | 2060. | 20. | 16.5 | 9.7 | 3.0 |
| 17 | 06 | 76 | 1353 | | | .3 | | 21278 | 6 | | 1900. | 320. | 30. | 4. | 23.0 | 11.0 | 6.4 |
| 21 | 07 | 76 | 1326 | | | .3 | | 21327 | 6 | | 50000. | 4100. | 550. | 240. | 29.9 | 9.0 | 3.5 |
| 12 | 08 | 76 | 1300 | | | .3 | | 21378 | 6 | | 26000. | | 240. | 40. | 23.0 | 8.1 | |
| 29 | 09 | 76 | 1430 | | | .3 | | 21416 | 5 | | 42000. | 2700. | 20. | 44. | 15.2 | 9.4 | 4.2 |
| 20 | 10 | 76 | 1405 | | | .3 | | 21476 | 6 | | 39000. | 1900. | 600. | 52. | 7.3 | 9.4 | 2.9 |
| 11 | 11 | 76 | 1250 | | | .3 | | 21507 | 6 | | 57000. | 1900. | 3100. | 24. | 1.4 | 17.2 | 3.7 |
| 01 | 12 | 76 | 1335 | | | .3 | | 21555 | 4 | | 46000. | 1110. | 440. | 48. | 0.1 | | 3.3 |

MAXIMUM 14400E+2 4700. 6600. 240. 29.9 17.2 6.4
 AVG OR GEOM MN (*) 28610.* 1305.* 520.* 34.* D 11.3 10.6 3.1
 MINIMUM 1900. 320. 20. 4. 0.1 8.1 1.2

NO OF SAMPLES 12 11 12 10 12 11 11

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 01 | 76 | 1345 | | | .3 | | 0.214 | 0.189 | 0.665 | 1.130 | 0.024 | 2.700 | | | | |
| 26 | 02 | 76 | 1350 | | | .3 | | 0.164 | 0.118 | 0.200 | 1.200 | 0.033 | 2.900 | 344.0 | 98.0 | | |
| 17 | 03 | 76 | 1435 | | | .3 | | 0.138 | 0.067 | 0.105 | 0.730 | 0.025 | 3.200 | 390.0 | 36.5 | | |
| 03 | 05 | 76 | 1350 | | | .3 | | 0.117 | 0.036 | 0.075 | 0.845 | 0.045 | 2.300 | | | | |
| 26 | 05 | 76 | 1321 | | | .3 | | 0.172 | 0.027 | 0.045 | 1.230 | 0.052 | 1.880 | | | | |
| 17 | 06 | 76 | 1353 | | | .3 | | 0.310 | 0.073 | 0.125 | 1.400 | 0.065 | 0.290 | | | | |
| 21 | 07 | 76 | 1326 | | | .3 | | 0.158 | 0.073 | 0.005L | 1.000 | 0.257 | 2.940 | | | | |
| 12 | 08 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1430 | | | .3 | | 0.346 | 0.160 | 0.380 | 1.750 | 0.098 | 1.250 | | | | |
| 20 | 10 | 76 | 1405 | | | .3 | | 0.260 | 0.140 | 0.385 | 1.250 | 0.059 | 1.170 | | | | |
| 11 | 11 | 76 | 1250 | | | .3 | | 0.129 | 0.077 | 0.825 | 1.650 | 0.024 | 0.940 | | | | |
| 01 | 12 | 76 | 1335 | | | .3 | | 0.042 | 0.031 | 0.140 | 0.975 | 0.031 | 4.400 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.346 0.189 0.825 1.750 0.257 4.400 390.0 98.0
0.186 0.090 0.268D 1.196 0.065 2.179 367.0 67.3
0.042 0.027 0.005 0.730 0.024 0.290 344.0 36.5

NO OF SAMPLES

11 11 11 11 11 11 2 2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 01 | 76 | 1345 | | | .3 | | 805 | 3.50 | 42.0 | | | | | | | |
| 26 | 02 | 76 | 1350 | | | .3 | | 360 | 97.00 | 12.0 | | | | | | | |
| 17 | 03 | 76 | 1435 | | | .3 | | 490 | 56.00 | 17.5 | | | | | | | |
| 03 | 05 | 76 | 1350 | | | .3 | | 600 | 39.00 | 21.5 | | | | | | | |
| 26 | 05 | 76 | 1321 | | | .3 | | 580 | 68.00 | 21.5 | | | | | 8.38 | | |
| 17 | 06 | 76 | 1353 | | | .3 | | 660 | 37.00 | 41.0 | | | | | 8.13 | | |
| 21 | 07 | 76 | 1326 | | | .3 | | 640 | 30.00 | 26.5 | | | | | | | |
| 12 | 08 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1430 | | | .3 | | 670 | 36.00 | 51.0 | | | | | | | 1.300 |
| 20 | 10 | 76 | 1405 | | | .3 | | 700 | 12.00 | 42.0 | | | | | | | |
| 11 | 11 | 76 | 1250 | | | .3 | | 760 | 8.30 | 52.0 | | | | | | | |
| 01 | 12 | 76 | 1335 | | | .3 | | 720 | 28.00 | 40.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

805 97.00 52.0 8.38 1.300
635 37.71 33.4 8.26 1.300
360 3.50 12.0 8.13 1.300

NO OF SAMPLES

11 11 11 2 1

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 15 | 01 | 76 | 1345 | | | .3 | | 1.0 | | | | | | | | | 2L |
| 26 | 02 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 17 | 03 | 76 | 1435 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 03 | 05 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 26 | 05 | 76 | 1321 | | | .3 | | 1.0 | | | | | | | | | 2 |
| 17 | 06 | 76 | 1353 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 21 | 07 | 76 | 1326 | | | .3 | | 1.5 | | | | | | | | | 2L |
| 12 | 08 | 76 | 1300 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 29 | 09 | 76 | 1430 | | | .3 | | 2.0 | | | | | | | | | 3 |
| 20 | 10 | 76 | 1405 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 11 | 11 | 76 | 1250 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 01 | 12 | 76 | 1335 | | | .3 | | 2.0 | | | | | | | | | 2L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2.0 1.4D 1.0

NO OF SAMPLES

11 11

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT BRIDGE IN TUPPERVILLE
STATION TYPE: RIVER

STATION ID: 04-0027-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 5 LAT LONG U.T.M. 17 0396125.0 4715825.0 4 REGION 01 MILEAGE 6.20

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 01 | 76 | 1145 | | | .3 | | 21025 | 4 | | 6100. | 180. | 23000. | 32. | 0.5 | 10.2 | 3.0 |
| 26 | 02 | 76 | 1555 | | | .3 | | 21062 | 6 | | 3000. | 200. | 3200. | | 5.5 | 11.4 | 1.2 |
| 23 | 03 | 76 | 1640 | | | .3 | | 21111 | 6 | | 12000. | 130. | 48. | 4. | 7.0 | 11.4 | 1.5 |
| 05 | 05 | 76 | 1145 | | | .3 | | 21153 | 6 | | 1800. | 100. | 32. | 4. L | 12.0 | 9.4 | 1.2 |
| 19 | 05 | 76 | 1225 | | | .3 | | 21203 | 6 | | 4200. | 200. | 60. | 4. | 14.5 | 8.6 | 1.1 |
| 23 | 06 | 76 | 1300 | | | .3 | | 21263 | 6 | | 80. | 4. L | 4. | 12. | 27.2 | 14.2 | 1.8 |
| 20 | 07 | 76 | 1235 | | | .3 | | 21312 | 6 | | 1710. | 88. | 164. | 4. L | 25.0 | 9.6 | 2.0 |
| 10 | 08 | 76 | 1322 | | | .3 | | 21363 | 6 | | 4300. | 248. | 536. | 4. L | 23.1 | 9.8 | 0.5 |
| 07 | 10 | 76 | 1215 | | | .3 | | 21434 | 6 | | 900. | 110. | 120. | 4. L | 14.9 | 8.4 | 1.7 |
| 19 | 10 | 76 | 1235 | | | .3 | | 21463 | 6 | | 300. | 12. | 1900. | 4. L | 10.1 | 11.8 | 1.8 |
| 16 | 11 | 76 | 1405 | | | .3 | | 21525 | 6 | | 1940. | 12. | 16. | 4. L | 3.1 | 13.6 | |
| 07 | 12 | 76 | 1405 | | | .3 | | 21573 | 4 | | 5000. | 270. | 120. | 4. | 0.9 | 10.8 | 2.3 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

12000. 270. 23000. 32. 27.2 14.2 3.0
1923.* 76.* D 178.* 5.* D 12.0 10.8 1.6
80. 4. 4. 4. 0.5 8.4 0.5

NO OF SAMPLES

12 12 12 11 12 12 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 01 | 76 | 1145 | | | .3 | | 0.133 | 0.075 | 0.245 | 0.785 | 0.025 | 3.500 | 308.0 | 18.0 | | |
| 26 | 02 | 76 | 1555 | | | .3 | | 0.148 | 0.085 | 0.140 | 1.000 | 0.030 | 3.800 | | | | |
| 23 | 03 | 76 | 1640 | | | .3 | | 0.065 | 0.032 | 0.070 | 0.545 | 0.025 | 3.700 | | | | |
| 05 | 05 | 76 | 1145 | | | .3 | | 0.059 | 0.018 | 0.020 | 0.695 | 0.029 | 4.400 | | | | |
| 19 | 05 | 76 | 1225 | | | .3 | | 0.083 | 0.024 | 0.040 | 0.625 | 0.042 | 2.760 | | | | |
| 23 | 06 | 76 | 1300 | | | .3 | | 0.050 | 0.008 | 0.080 | 0.820 | 0.031 | 0.370 | | | | |
| 20 | 07 | 76 | 1235 | | | .3 | | 0.063 | 0.033 | 0.060 | 0.900 | 0.050 | 3.400 | | | | |
| 10 | 08 | 76 | 1322 | | | .3 | | 0.110 | 0.053 | 0.035 | 0.770 | 0.057 | 1.250 | | | | |
| 07 | 10 | 76 | 1215 | | | .3 | | 0.069 | 0.013 | 0.085 | 0.745 | 0.027 | 1.460 | | | | |
| 19 | 10 | 76 | 1235 | | | .3 | | 0.055 | 0.006 | 0.015 | 0.725 | 0.013 | 1.160 | | | | |
| 16 | 11 | 76 | 1405 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1405 | | | .3 | | 0.060 | 0.012 | 0.025 | 0.785 | 0.041 | 5.900 | | | | |
| MAXIMUM | | | | | | | | 0.148 | 0.085 | 0.245 | 1.000 | 0.057 | 5.900 | 308.0 | 18.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.081 | 0.033 | 0.074 | 0.763 | 0.034 | 2.885 | 308.0 | 18.0 | | |
| MINIMUM | | | | | | | | 0.050 | 0.006 | 0.015 | 0.545 | 0.013 | 0.370 | 308.0 | 18.0 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 1 | 1 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 01 | 76 | 1145 | | | .3 | | 405 | 27.00 | 11.5 | | | | | 7.81 | | |
| 26 | 02 | 76 | 1555 | | | .3 | | 430 | 58.00 | 13.0 | | | | | | | |
| 23 | 03 | 76 | 1640 | | | .3 | | 560 | 23.00 | 17.0 | | | | | | | |
| 05 | 05 | 76 | 1145 | | | .3 | | 550 | 18.00 | 14.5 | | | | | | | |
| 19 | 05 | 76 | 1225 | | | .3 | | 500 | 32.00 | 14.5 | | | | | | | |
| 23 | 06 | 76 | 1300 | | | .3 | | 530 | 8.90 | 17.0 | | | | | | | |
| 20 | 07 | 76 | 1235 | | | .3 | | 580 | 22.00 | 15.0 | | | | | | | |
| 10 | 08 | 76 | 1322 | | | .3 | | 520 | 28.00 | 15.0 | | | | | | | |
| 07 | 10 | 76 | 1215 | | | .3 | | 580 | 23.00 | 18.0 | | | | | | | |
| 19 | 10 | 76 | 1235 | | | .3 | | 610 | 16.00 | 22.0 | | | | | | | |
| 07 | 12 | 76 | 1405 | | | .3 | | 670 | 22.00 | 24.0 | | | | | | | |
| MAXIMUM | | | | | | | | 670 | 58.00 | 24.0 | | | | | 7.81 | | |
| AVG OR GEOM MN (*) | | | | | | | | 540 | 25.26 | 16.5 | | | | | 7.81 | | |
| MINIMUM | | | | | | | | 405 | 8.90 | 11.5 | | | | | 7.81 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | 1 | | |

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT DOWN MILLS ROAD UPSTREAM OF DRESDEN
STATION TYPE: RIVER FLOW GAUGE FED 02GG007

STATION ID: 04-0027-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 6 LAT LONG U.T.M. 17 0407325.0 4715600.0 4 REGION 01 MILEAGE 14.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 26 | 02 | 76 | 1620 | | | .3 | | 21063 | 6 | 2060.00 | 2200. | 112. | 5300. | | 6.0 | 11.2 | 1.5 |
| 23 | 03 | 76 | 1710 | | | .3 | | 21112 | 6 | 485.00 | 1400. | 4. | 20. | | 9.7 | 11.6 | 1.6 |
| 05 | 05 | 76 | 1210 | | | .3 | | 21154 | 6 | 309.00 | 370. | 4. | 32. | | 13.0 | 10.1 | 1.1 |
| 19 | 05 | 76 | 1251 | | | .3 | | 21204 | 6 | 378.00 | 890. | 180. | 92. | | 13.9 | 9.4 | 1.0 |
| 23 | 06 | 76 | 1330 | | | .3 | | 21264 | 6 | 94.60 | 150. | 68. | 48. | | 24.6 | 9.1 | 0.6 |
| 20 | 07 | 76 | 1259 | | | .3 | | 21313 | 6 | 183.00 | 410. | 176. | 312. | | 23.8 | 7.7 | 0.8 |
| 10 | 08 | 76 | 1344 | | | .3 | | 21364 | 6 | 367.00 | 3300. | 680. | 404. | | 21.3 | 10.8 | 0.6 |
| 07 | 10 | 76 | 1230 | | | .3 | | 21435 | 6 | 99.80 | 3000. | 2000. | 2900. | | 14.3 | 9.2 | 1.4 |
| 19 | 10 | 76 | 1300 | | | .3 | | 21464 | 6 | 89.80 | 90. | 48. | 450. | | 8.5 | 14.3 | 1.2 |
| 16 | 11 | 76 | 1425 | | | .3 | | 21526 | 6 | 135.00 | 110. | 20. | 4. | | 2.0 | 14.2 | |
| 07 | 12 | 76 | 1430 | | | .3 | | 21574 | 4 | 142.00 | 310. | 50. | 40. | | 0.4 | 11.8 | 2.3 |
| MAXIMUM | | | | | | | | | | 2060.00 | 3300. | 2000. | 5300. | | 24.6 | 14.3 | 2.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | 394.84 | 566.* | 72.* D | 140.* D | | 12.5 | 10.9 | 1.2 |
| MINIMUM | | | | | | | | | | 89.80 | 90. | 4. | 4. | | 0.4 | 7.7 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1620 | | | .3 | | 0.157 | 0.091 | 0.165 | 0.930 | 0.030 | 3.700 | | | | |
| 23 | 03 | 76 | 1710 | | | .3 | | 0.071 | 0.026 | 0.055 | 0.665 | 0.023 | 2.420 | | | | |
| 05 | 05 | 76 | 1210 | | | .3 | | 0.051 | 0.013 | 0.015 | 0.795 | 0.018 | 3.600 | | | | |
| 19 | 05 | 76 | 1251 | | | .3 | | 0.088 | 0.025 | 0.025 | 0.665 | 0.039 | 2.670 | | | | |
| 23 | 06 | 76 | 1330 | | | .3 | | 0.103 | 0.027 | 0.020 | 0.635 | 0.020 | 0.590 | | | | |
| 20 | 07 | 76 | 1259 | | | .3 | | 0.108 | 0.050 | 0.020 | 0.800 | 0.012 | 3.200 | | | | |
| 10 | 08 | 76 | 1344 | | | .3 | | 0.162 | 0.056 | 0.020 | 0.880 | 0.020 | 1.580 | | | | |
| 07 | 10 | 76 | 1230 | | | .3 | | 0.080 | 0.024 | 0.030 | 0.715 | 0.010 | 1.250 | | | | |
| 19 | 10 | 76 | 1300 | | | .3 | | 0.032 | 0.005 | 0.015 | 0.600 | 0.005 | 1.200 | | | | |
| 16 | 11 | 76 | 1425 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1430 | | | .3 | | 0.035 | 0.006 | 0.005 | 0.565 | 0.033 | 6.300 | | | | |
| MAXIMUM | | | | | | | | 0.162 | 0.091 | 0.165 | 0.930 | 0.039 | 6.300 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.089 | 0.032 | 0.037 | 0.725 | 0.021 | 2.651 | | | | |
| MINIMUM | | | | | | | | 0.032 | 0.005 | 0.005 | 0.565 | 0.005 | 0.590 | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | | | | |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1620 | | | .3 | 423 | 60.00 | 12.0 | | | | | | | |
| 23 | 03 | 76 | 1710 | | | .3 | 560 | 29.00 | 15.0 | | | | | | | |
| 05 | 05 | 76 | 1210 | | | .3 | 560 | 18.00 | 13.5 | | | | | | | |
| 19 | 05 | 76 | 1251 | | | .3 | 560 | 28.00 | 13.5 | | | | | | | |
| 23 | 06 | 76 | 1330 | | | .3 | 539 | 41.00 | 14.5 | | | | | | | |
| 20 | 07 | 76 | 1259 | | | .3 | 580 | 49.00 | 15. | | | | | | | |
| 10 | 08 | 76 | 1344 | | | .3 | 540 | 57.00 | 15.0 | | | | | | | |
| 07 | 10 | 76 | 1230 | | | .3 | 560 | 31.00 | 17.0 | | | | | | | |
| 19 | 10 | 76 | 1300 | | | .3 | 580 | 11.00 | 17.5 | | | | | | | |
| 07 | 12 | 76 | 1430 | | | .3 | 680 | 13.00 | 20.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 680 | 60.00 | 20.5 |
| AVG OR GEOM MN (*) | 558 | 33.70 | 15.4 |
| MINIMUM | 423 | 11.00 | 12.0 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W./ SITE: SYDENHAM RIVER

SAMPLE POINT: AT FIRST CONCESSION SOUTH OF HIGHWAY 22 STRATHROY

STATION TYPE: RIVER FLOW GAUGE FED 02GG005

STATION ID: 04-0027-007-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 7 LAT LONG U.T.M. 17 0445450.0 4753175.0 4 REGION 01 MILEAGE 81.20

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 01 | 76 | 1030 | | | .3 | 21026 | 4 | 52.70 | 21000. | 1320. | 5300. | 0. | 0.5 | 9.3 | 1.5 |
| 26 | 02 | 76 | 1130 | | | .3 | 21072 | 6 | 337.00 | 3300. | 384. | 1200. | | 3.5 | 10.6 | 1.5 |
| 17 | 03 | 76 | 0955 | | | .3 | 21116 | 6 | 160.00 | 4000. | 230. | 360. | 12. | 1.2 | 13.0 | 0.8 |
| 03 | 05 | 76 | 1030 | | | .3 | 21158 | 6 | 51.80 | 2700. | 170. | 60. | 4. | 10.1 | 9.3 | 1.2 |
| 26 | 05 | 76 | 0949 | | | .3 | 21206 | 6 | 37.10 | 230. | 40. | 32. | 4. | 14.2 | 9.5 | 1.0 |
| 17 | 06 | 76 | 0955 | | | .3 | 21272 | 6 | 23.40 | 3300. | 600. | 80. | 4. | 18.1 | 8.1 | 1.6 |
| 21 | 07 | 76 | 0954 | | | .3 | 21321 | 6 | 29.10 | 1000. | 130. | 180. | 16. | 19.1 | 7.9 | 1.6 |
| 12 | 08 | 76 | 0948 | | | .3 | 21372 | 6 | 82.40 | 1500. | 360. | 110. | 56. | 19.8 | 8.4 | |
| 29 | 09 | 76 | 1040 | | | .3 | 21411 | 6 | 37.20 | 1270. | 120. | 32. | 4. | 12.0 | 10.6 | 1.2 |
| 20 | 10 | 76 | 1055 | | | .3 | 21471 | 6 | 39.90 | 1290. | 90. | 612. | 4. | 7.0 | 12.6 | 1.7 |
| 11 | 11 | 76 | 1000 | | | .3 | 21502 | 6 | 36.20 | 1300. | 110. | 100. | 4. | 1.1 | 12.4 | 0.8 |
| 01 | 12 | 76 | 1050 | | | .3 | 21550 | 6 | 57.40 | 4600. | 204. | 392. | 4. | 2.0 | 14.0 | 1.4 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--------|--------|-------|-------|-----|------|------|-----|
| MAXIMUM | | | | | | | | | 337.00 | 21000. | 1320. | 5300. | 56. | 19.8 | 14.0 | 1.7 |
| AVG OR GEOM MN (*) | | | | | | | | | 78.68 | 2122.* | 205.* | 204.* | 6.* | 9.1 | 10.5 | 1.3 |
| MINIMUM | | | | | | | | | 23.40 | 230. | 40. | 32. | 0. | 0.5 | 7.9 | 0.8 |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 12 | 12 | 11 | 12 | 12 | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 01 | 76 | 1030 | | | .3 | 0.097 | 0.063 | 0.365 | 0.710 | 0.023 | 1.620 | | | | |
| 26 | 02 | 76 | 1130 | | | .3 | 0.119 | 0.093 | 0.155 | 0.755 | 0.030 | 3.700 | | | | |
| 17 | 03 | 76 | 0955 | | | .3 | 0.185 | 0.125 | 0.165 | 0.625 | 0.021 | 3.900 | | | | |
| 03 | 05 | 76 | 1030 | | | .3 | 0.097 | 0.039 | 0.075 | 0.710 | 0.032 | 3.100 | | | | |
| 26 | 05 | 76 | 0949 | | | .3 | 0.081 | 0.030 | 0.055 | 0.570 | 0.061 | 1.750 | | | | |
| 17 | 06 | 76 | 0955 | | | .3 | 0.097 | 0.013 | 0.020 | 0.625 | 0.061 | 1.250 | | | | |
| 21 | 07 | 76 | 0954 | | | .3 | 0.094 | 0.035 | 0.005L | 0.560 | 0.048 | 1.550 | | | | |
| 12 | 08 | 76 | 0948 | | | .3 | | | | | | | | | | |
| 29 | 09 | 76 | 1040 | | | .3 | 0.089 | 0.042 | 0.045 | 0.625 | 0.020 | 1.960 | | | | |
| 20 | 10 | 76 | 1055 | | | .3 | 0.053 | 0.031 | 0.035 | 0.475 | 0.012 | 1.600 | | | | |
| 11 | 11 | 76 | 1000 | | | .3 | 0.036 | 0.024 | 0.035 | 0.365 | 0.015 | 1.890 | | | | |
| 01 | 12 | 76 | 1050 | | | .3 | 0.075 | 0.037 | 0.055 | 0.725 | 0.031 | 4.200 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.185 | 0.125 | 0.365 | 0.755 | 0.061 | 4.200 |
| AVG OR GEOM MN (*) | 0.093 | 0.048 | 0.092D | 0.613 | 0.032 | 2.411 |
| MINIMUM | 0.036 | 0.013 | 0.005 | 0.365 | 0.012 | 1.250 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 01 | 76 | 1030 | | | .3 | 580 | 3.60 | 23.0 | | | | | | | |
| 26 | 02 | 76 | 1130 | | | .3 | 420 | 27.00 | 12.0 | | | | | | | |
| 17 | 03 | 76 | 0955 | | | .3 | 500 | 13.00 | 12.5 | | | | | 8.04 | | |
| 03 | 05 | 76 | 1030 | | | .3 | 560 | 6.80 | 12.0 | | | | | | | |
| 26 | 05 | 76 | 0949 | | | .3 | 560 | 10.00 | 12.5 | | | | | | | |
| 17 | 06 | 76 | 0955 | | | .3 | 540 | 7.30 | 12.5 | | | | | | | |
| 21 | 07 | 76 | 0954 | | | .3 | 540 | 16.00 | 12.5 | | | | | | | |
| 29 | 09 | 76 | 1040 | | | .3 | 600 | 5.20 | 15.5 | | | | | | | |
| 20 | 10 | 76 | 1055 | | | .3 | 590 | 2.40 | 13.5 | | | | | | | |
| 11 | 11 | 76 | 1000 | | | .3 | 600 | 3.50 | 14.5 | | | | | | | |
| 01 | 12 | 76 | 1050 | | | .3 | 620 | 5.80 | 17.5 | | | | | | | |

| | | | | | | |
|--------------------|-----|-------|------|--|--|------|
| MAXIMUM | 620 | 27.00 | 23.0 | | | |
| AVG OR GEOM MN (*) | 555 | 9.15 | 14.4 | | | 8.04 |
| MINIMUM | 420 | 2.40 | 12.0 | | | 8.04 |
| NO OF SAMPLES | 11 | 11 | 11 | | | 1 |

B.O.W./ SITE: BEAR CREEK
SAMPLE POINT: AT TOWNSHIP LINE NORTH EAST OF AVONRY
STATION TYPE: RIVER

SEWAGE TREATMENT PLANT
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STATION ID: 04-0027-008-02

STORET CODE: 02
003
2980

| STN NO | B | LAT | LONG | U.T.M. 17 0390200.0 4735250.0 4 | REGION 01 | MILEAGE | 21.30 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 27 01 76 1255 | | | .3 | | 21022 | 4 | | 33000. | 350. | 6100. | 28. | 2.0 | 9.0 | 3.2 |
| 26 02 76 1440 | | | .3 | | 21068 | 6 9 | | 3500. | 460. | 6600. | | 5.0 | 10.8 | 1.6 |
| 17 03 76 1535 | | | .3 | | 21121 | 6 | | 4300. | 210. | 2700. | | 3.5 | 13.4 | 1.7 |
| 03 05 76 1300 | | | .3 | | 21163 | 6 | | 6300. | 280. | 80. | 10. L | 10.9 | 9.5 | 1.2 |
| 26 05 76 1442 | | | .3 | | 21235 | 6 | | 9000. | 360. | 5270. | 8. | 17.7 | 9.6 | 2.1 |
| 17 06 76 1434 | | | .3 | | 21280 | 6 | | 240. | 180. | 100. | 4. L | 22.5 | 7.8 | 3.0 |
| 21 07 76 1431 | | | .3 | | 21329 | 6 | | 60000. | 670. | 410. | 32. | 25.0 | 9.3 | 4.5 |
| 12 08 76 1402 | | | .3 | | 21380 | 6 | | 3300. | 370. | 80. | | 24.9 | 13.0 | 6.2 |
| 29 09 76 1525 | | | .3 | | 21418 | 6 | | 2100. | 300. | 32. | 8. | 15.5 | 11.9 | 2.8 |
| 20 10 76 1450 | | | .3 | | 21478 | 6 | | 22000. | 150. | 1320. | 4. | 6.9 | 13.0 | 7.2 |
| 11 11 76 1330 | | | .3 | | 21509 | 6 | | 15000. | 30. | 100. | 4. L | 0.9 | 14.2 | 2.2 |
| 01 12 76 1255 | | | .3 | | 21557 | 6 | | 26000. | 930. | 220. | 8. | 0.4 | | 3.3 |
| MAXIMUM | | | | | | | | 60000. | 930. | 6600. | 32. | 25.0 | 14.2 | 7.2 |
| AVG OR GEOM MN (*) | | | | | | | | 7332.* | 275.* | 477.* | 9.* D | 11.3 | 11.0 | 3.3 |
| MINIMUM | | | | | | | | 240. | 30. | 32. | 4. | 0.4 | 7.8 | 1.2 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 9 | 12 | 11 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 27 01 76 1255 | | | .3 | | 0.178 | 0.121 | 0.235 | 0.270 | 0.031 | 2.900 | 402.0 | 11.5 | | |
| 26 02 76 1440 | | | .3 | | 0.167 | 0.130 | 0.245 | 1.200 | 0.037 | 2.900 | 344.0 | 61.0 | | |
| 17 03 76 1535 | | | .3 | | 0.167 | 0.087 | 0.155 | 0.805 | 0.029 | 3.000 | 414.0 | 39.5 | | |
| 03 05 76 1300 | | | .3 | | 0.193 | 0.016 | 0.115 | 0.825 | 0.063 | 4.300 | 510.0 | 73.5 | | |
| 26 05 76 1442 | | | .3 | | 0.165 | 0.033 | 0.055 | 2.500 | 0.043 | 1.880 | 580.0 | 129.0 | | |
| 17 06 76 1434 | | | .3 | | 0.150 | 0.011 | 0.040 | 0.910 | 0.027 | 0.200 | 768.0 | 132.0 | | |
| 21 07 76 1431 | | | .3 | | 0.178 | 0.054 | 0.015 | 1.380 | 0.173 | 2.880 | 574.0 | 108.0 | | |
| 12 08 76 1402 | | | .3 | | 0.214 | 0.012 | 0.015 | 1.700 | 0.005 | 0.010L | 694.0 | 154.0 | | |
| 29 09 76 1525 | | | .3 | | 0.175 | 0.025 | 0.010 | 1.380 | 0.026 | 2.040 | 718.0 | 80.0 | | |
| 20 10 76 1450 | | | .3 | | 0.119 | 0.010 | 0.010 | 0.950 | 0.024 | 1.870 | 728.0 | 28.0 | | |
| 11 11 76 1330 | | | .3 | | 0.040 | 0.025 | 0.050 | 0.725 | 0.019 | 0.950 | 628.0 | 15.0L | | |
| 01 12 76 1255 | | | .3 | | 0.179 | 0.105 | 0.535 | 1.250 | 0.039 | 2.600 | 682.0 | 22.5 | | |
| MAXIMUM | | | | | 0.214 | 0.130 | 0.535 | 2.500 | 0.173 | 4.300 | 768.0 | 154.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.160 | 0.052 | 0.123 | 1.158 | 0.043 | 2.128D | 586.8 | 71.2D | | |
| MINIMUM | | | | | 0.040 | 0.010 | 0.010 | 0.270 | 0.005 | 0.010 | 344.0 | 11.5 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 27 01 76 1255 | | | .3 | | 540 | 33.00 | 37.5 | | | | | | | |
| 26 02 76 1440 | | | .3 | | 388 | 83.00 | 15.0 | | | | | | | |
| 17 03 76 1535 | | | .3 | | 495 | 74.00 | 20.5 | | | | | | | |
| 03 05 76 1300 | | | .3 | | 650 | 52.00 | 31.0 | | | | | | | |
| 26 05 76 1442 | | | .3 | | 620 | 95.00 | 38.5 | | | | | | | |
| 17 06 76 1434 | | | .3 | | 910 | 94.00 | 100.0 | | | | | | | |
| 21 07 76 1431 | | | .3 | | 730 | 75.00 | 46.0 | | | | | | | |
| 12 08 76 1402 | | | .3 | | 840 | 97.00 | 105.0 | | | | | | | |
| 29 09 76 1525 | | | .3 | | 890 | 69.00 | 120.0 | | | | | | | 1.200 |
| 20 10 76 1450 | | | .3 | | 1070 | 33.00 | 148.0 | | | | | | | |
| 11 11 76 1330 | | | .3 | | 940 | 9.40 | 105.0 | | | | | | | |
| 01 12 76 1255 | | | .3 | | 1010 | 21.00 | 115.0 | | | | | | | |
| MAXIMUM | | | | | 1070 | 97.00 | 148.0 | | | | | | | 1.200 |
| AVG OR GEOM MN (*) | | | | | 757 | 61.28 | 73.5 | | | | | | | 1.200 |
| MINIMUM | | | | | 388 | 9.40 | 15.0 | | | | | | | 1.200 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 27 01 76 1255 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 26 02 76 1440 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 17 03 76 1535 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 03 05 76 1300 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 26 05 76 1442 | | | .3 | | 1.0 | | | | | | | | | 2L |
| 17 06 76 1434 | | | .3 | | 1.0 | | | | | | | | | 2L |
| 21 07 76 1431 | | | .3 | | 9.0 | | | | | | | | | 2L |
| 12 08 76 1402 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 29 09 76 1525 | | | .3 | | 1.0 | | | | | | | | | 2L |
| 20 10 76 1450 | | | .3 | | 1.0 | | | | | | | | | 2L |
| 11 11 76 1330 | | | .3 | | | | | | | | | | | 2L |
| 01 12 76 1255 | | | .3 | | | | | | | | | | | 8 |
| MAXIMUM | | | | | 9.0 | | | | | | | | | 8 |
| AVG OR GEOM MN (*) | | | | | 1.9D | | | | | | | | | 3D |
| MINIMUM | | | | | 1.0 | | | | | | | | | 2 |
| NO OF SAMPLES | | | | | 10 | | | | | | | | | 11 |

B.O.W. / SITE: BLACK CREEK
 SAMPLE POINT: AT COUNTY ROAD 9 WEST OF OIL SPRINGS
 STATION TYPE: RIVER FLOW GAUGE MOE 02GG101

STATION ID: 04-0027-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
 003
 2980

STN NO 9 LAT LONG U.T.M. 17 0404100.0 4737700.0 4 REGION 01 MILEAGE 30.70

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|---------|--------|-------|----------|---------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 26 | 02 | 76 | 1410 | | | .3 | | 21069 | 6 | | 6800. | 400. | 4800. | | 2.8 | 10.9 | 1.6 |
| 17 | 03 | 76 | 1500 | | | .3 | | 21122 | 6 | | 10000. | 1200. | 28. | 56. | 2.9 | 12.6 | 1.2 |
| 03 | 05 | 76 | 1230 | | | .3 | | 21164 | 6 | | 4700. | 620. | 320. | 4. L | 11.0 | 9.3 | 1.4 |
| 26 | 05 | 76 | 1358 | | | .3 | | 21211 | 6 | | 910. | 630. | 12. | 4. L | 19.2 | 9.6 | 1.8 |
| 17 | 06 | 76 | 1410 | | | .3 | | 21279 | 6 | | 750. | 680. | 90. | 4. L | 23.0 | 8.6 | 3.0 |
| 21 | 07 | 76 | 1352 | | | .3 | | 21328 | 6 | | 2300. | 330. | 160. | 12. | 25.7 | 11.6 | 2.0 |
| 12 | 08 | 76 | 1325 | | | .3 | | 21379 | 6 | | 2700. | 430. | 400. | 52. | 23.6 | 9.1 | 2.0 |
| 29 | 09 | 76 | 1450 | | | .3 | | 21417 | 6 | | 80. | 70. | 4. L | 4. L | 16.5 | 14.2 | 2.2 |
| 20 | 10 | 76 | 1425 | | | .3 | | 21477 | 6 | | 300. | 80. | 2800. | 4. L | 7.1 | 16.2 | 1.8 |
| 11 | 11 | 76 | 1305 | | | .3 | | 21508 | 4 | | 130. | 30. | 4. L | 4. L | 1.0 | 16.0 | 1.6 |
| 01 | 12 | 76 | 1220 | | | .3 | | 21556 | 4 | | 44000. | 910. | 180. | 24. | 0.2 | | 1.7 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

44000.
 1608.*
 80.

NO OF SAMPLES

11 11 11 10 11 10 11

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 26 | 02 | 76 | 1410 | | | .3 | | 0.222 | 0.159 | 0.255 | 1.370 | 0.056 | 1.850 | 336.0 | 53.0 | | |
| 17 | 03 | 76 | 1500 | | | .3 | | 0.142 | 0.090 | 0.135 | 1.050 | 0.036 | 1.530 | 514.0 | 25.0 | | |
| 03 | 05 | 76 | 1230 | | | .3 | | 0.131 | 0.042 | 0.085 | 1.100 | 0.047 | 1.650 | 632.0 | 60.0 | | |
| 26 | 05 | 76 | 1358 | | | .3 | | 0.061 | 0.027 | 0.085 | 0.825 | 0.011 | 0.010L | 926.0 | 44.0 | | |
| 17 | 06 | 76 | 1410 | | | .3 | | 0.123 | 0.017 | 0.145 | 1.550 | 0.016 | 0.010L | 1048.0 | 53.5 | | |
| 21 | 07 | 76 | 1352 | | | .3 | | 0.068 | 0.021 | 0.095 | 1.100 | 0.081 | 0.180 | 672.0 | 83.0 | | |
| 12 | 08 | 76 | 1325 | | | .3 | | 0.110 | 0.026 | 0.025 | 1.000 | 0.009 | 0.090 | 546.0 | 45.0 | | |
| 29 | 09 | 76 | 1450 | | | .3 | | 0.060 | 0.002 | 0.010 | 0.515 | 0.017 | 0.650 | 2914.0 | 20.0 | | |
| 20 | 10 | 76 | 1425 | | | .3 | | 0.045 | 0.007 | 0.015 | 0.950 | 0.036 | 2.900 | 832.0 | 9.0 | | |
| 11 | 11 | 76 | 1305 | | | .3 | | 0.025 | 0.005 | 0.015 | 0.755 | 0.011 | 0.530 | 1124.0 | 15.0L | | |
| 01 | 12 | 76 | 1220 | | | .3 | | 0.149 | 0.082 | 0.425 | 1.250 | 0.036 | 3.000 | 628.0 | 22.5 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.222 0.159 0.425 1.550 0.081 3.000 2914.0 83.0
 0.103 0.043 0.117 1.042 0.032 1.127D 924.7 39.1D
 0.025 0.002 0.010 0.515 0.009 0.010 336.0 9.0

NO OF SAMPLES

11 11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 26 | 02 | 76 | 1410 | | | .3 | | 385 | 160.00 | 11.0 | | | | | | | |
| 17 | 03 | 76 | 1500 | | | .3 | | 600 | 92.00 | 52.0 | | | | | | | |
| 03 | 05 | 76 | 1230 | | | .3 | | 670 | 62.00 | 68.0 | | | | | | | |
| 26 | 05 | 76 | 1358 | | | .3 | | 1190 | 27.00 | 195.0 | | | | | | | |
| 17 | 06 | 76 | 1410 | | | .3 | | 1320 | 51.00 | 235.0 | | | | | | | |
| 21 | 07 | 76 | 1352 | | | .3 | | 950 | 24.00 | 145.0 | | | | | | | |
| 12 | 08 | 76 | 1325 | | | .3 | | 720 | 52.00 | 70.0 | | | | | | | |
| 29 | 09 | 76 | 1450 | | | .3 | | 3610 | 13.00 | 1050.0 | | | | | | | |
| 20 | 10 | 76 | 1425 | | | .3 | | 1180 | 14.00 | 190.0 | | | | | | | |
| 11 | 11 | 76 | 1305 | | | .3 | | 1710 | 13.00 | 335.0 | | | | | | | |
| 01 | 12 | 76 | 1220 | | | .3 | | 900 | 24.00 | 90.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

3610 160.00 1050.0
 1203 48.36 221.9
 385 13.00 11.0

NO OF SAMPLES

11 11 11

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|---------|--------|-------|----------|---------------|---------|-----------------|----|-----------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|---------------------------|
| 26 | 02 | 76 | 1410 | | | .3 | | | | | | | | | | | |
| 17 | 03 | 76 | 1500 | | | .3 | | 1.0L | | | | | | | | | 2L |
| 03 | 05 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 05 | 76 | 1358 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 17 | 06 | 76 | 1410 | | | .3 | | 1.0 | | | | | | | | | |
| 21 | 07 | 76 | 1352 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 12 | 08 | 76 | 1325 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 29 | 09 | 76 | 1450 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 20 | 10 | 76 | 1425 | | | .3 | | 2.0 | | | | | | | | | 2L |
| 11 | 11 | 76 | 1305 | | | .3 | | 3.0 | | | | | | | | | 2L |
| 01 | 12 | 76 | 1220 | | | .3 | | | | | | | | | | | 3 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

3.0
 1.8D
 1.0

NO OF SAMPLES

9

8

B.O.W./ SITE: BEAR CREEK
 SAMPLE POINT: AT HIGHWAY 21 2 MILES NORTH EAST OF PETROLIA
 STATION TYPE: RIVER FLOW GAUGE FED 02GG006

STATION ID: 04-0027-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
 003
 2980

| STN NO | 10 | LAT | LONG | U.T.M. 17 0408250.0 4749815.0 4 | REGION 01 | MILEAGE | 45.80 | | | | | | | | | |
|--------------------|--------|---------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 15 | 01 | 76 | 1255 | | .3 | | 21020 | 4 | 15.80 | 630. | 32. | 3500. | 0. | 0.2 | 10.4 | 1.4 |
| 26 | 02 | 76 | 1310 | | .3 | | 21066 | 6 | 652.00 | 3800. | 120. | 9100. | | 2.8 | 11.0 | 1.6 |
| 17 | 03 | 76 | 1410 | | .3 | | 21119 | 6 | 110.00 | 3100. | 68. | 710. | 4. L | 0.9 | 13.6 | 1.0 |
| 03 | 05 | 76 | 1415 | | .3 | | 21161 | 6 | 61.30 | 450. | 48. | 20. | 4. L | 11.4 | 10.6 | 0.7 |
| 26 | 05 | 76 | 1256 | | .3 | | 21209 | 6 | 53.00 | 430. | 150. | 190. | 4. L | 17.5 | 8.6 | 1.8 |
| 17 | 06 | 76 | 1335 | | .3 | | 21277 | 6 9 | 2.30 | 140. | 44. | 30. | 4. L | 23.0 | 10.6 | 2.2 |
| 21 | 07 | 76 | 1306 | | .3 | | 21326 | 6 | 10.80 | 900. | 144. | 70. | 4. | 23.9 | 7.8 | 2.0 |
| 12 | 08 | 76 | 1238 | | .3 | | 21377 | 6 | 10.30 | 1200. | 280. | 440. | 32. | 22.9 | 10.4 | 2.5 |
| 29 | 09 | 76 | 1400 | | .3 | | 21415 | 6 | 5.50 | 320. | 250. | 4. L | 4. | 15.1 | 11.4 | 1.6 |
| 20 | 10 | 76 | 1340 | | .3 | | 21475 | 6 | 6.70 | 190. | 100. | 236. | 4. L | 6.9 | 14.6 | 0.6 |
| 11 | 11 | 76 | 1220 | | .3 | | 21506 | 4 | 8.60 | 300. | 4. L | 12. | 4. L | 1.5 | 16.8 | 1.2 |
| 01 | 12 | 76 | 1410 | | .3 | | 21554 | 4 | 29.00 | 14000. | 168. | 2300. | 24. | 0.3 | | 2.8 |
| MAXIMUM | | | | | | | | | 652.00 | 14000. | 280. | 9100. | 32. | 23.9 | 16.8 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | 80.44 | 786.* | 79.* D | 189.* D | 5.* D | 10.5 | 11.4 | 1.6 |
| MINIMUM | | | | | | | | | 2.30 | 140. | 4. | 4. | 0. | 0.2 | 7.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 12 | 12 | 11 | 12 | 11 | 12 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA NG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 15 | 01 | 76 | 1255 | | .3 | | 0.036 | 0.027 | 0.285 | 0.625 | 0.023 | 2.800 | 488.0 | 15.0L | | |
| 26 | 02 | 76 | 1310 | | .3 | | 0.215 | 0.115 | 0.185 | 0.925 | 0.033 | 2.800 | 372.0 | 116.0 | | |
| 17 | 03 | 76 | 1410 | | .3 | | 0.111 | 0.067 | 0.095 | 0.580 | 0.024 | 3.500 | 370.0 | 21.5 | | |
| 03 | 05 | 76 | 1415 | | .3 | | 0.051 | 0.021 | 0.015 | 0.575 | 0.028 | 3.200 | 422.0 | 29.5 | | |
| 26 | 05 | 76 | 1256 | | .3 | | 0.109 | 0.011 | 0.025 | 1.050 | 0.033 | 2.060 | 554.0 | 99.0 | | |
| 17 | 06 | 76 | 1335 | | .3 | | 0.100 | 0.007 | 0.065 | 0.850 | 0.025 | 0.320 | 480.0 | 49.0 | | |
| 21 | 07 | 76 | 1306 | | .3 | | 0.060 | 0.015 | 0.065 | 0.690 | 0.075 | 2.610 | 460.0 | 67.0 | | |
| 12 | 08 | 76 | 1238 | | .3 | | 0.083 | 0.012 | 0.095 | 0.910 | 0.030 | 0.380 | 396.0 | 38.0 | | |
| 29 | 09 | 76 | 1400 | | .3 | | 0.279 | 0.009 | 0.010 | 0.970 | 0.015 | 1.400 | 484.0 | 45.0 | | |
| 20 | 10 | 76 | 1340 | | .3 | | 0.062 | 0.008 | 0.010 | 0.715 | 0.006 | 0.890 | 442.0 | 10.5 | | |
| 11 | 11 | 76 | 1220 | | .3 | | 0.026 | 0.008 | 0.020 | 0.475 | 0.005 | 0.940 | 464.0 | 9.0 | | |
| 01 | 12 | 76 | 1410 | | .3 | | 0.089 | 0.020 | 0.015 | 0.885 | 0.030 | 5.300 | 528.0 | 43.5 | | |
| MAXIMUM | | | | | | | 0.279 | 0.115 | 0.285 | 1.050 | 0.075 | 5.300 | 554.0 | 116.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.102 | 0.027 | 0.074 | 0.771 | 0.027 | 2.183 | 455.0 | 45.3D | | |
| MINIMUM | | | | | | | 0.026 | 0.007 | 0.010 | 0.475 | 0.005 | 0.320 | 370.0 | 9.0 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 15 | 01 | 76 | 1255 | | .3 | | 750 | 3.80 | 27.5 | | | | | | | |
| 26 | 02 | 76 | 1310 | | .3 | | 370 | 99.00 | 12.0 | | | | | | | |
| 17 | 03 | 76 | 1410 | | .3 | | 491 | 43.00 | 15.5 | | | | | | | |
| 03 | 05 | 76 | 1415 | | .3 | | 590 | 19.00 | 17.5 | | | | | | | |
| 26 | 05 | 76 | 1256 | | .3 | | 600 | 74.00 | 18.0 | | | | | | | |
| 17 | 06 | 76 | 1335 | | .3 | | 600 | 40.00 | 21.5 | | | | | | | |
| 21 | 07 | 76 | 1306 | | .3 | | 640 | 33.00 | 18.5 | | | | | | | |
| 12 | 08 | 76 | 1238 | | .3 | | 590 | 39.00 | 17.5 | | | | | | | |
| 29 | 09 | 76 | 1400 | | .3 | | 610 | 42.00 | 31.5 | | | | | | | 1.100 |
| 20 | 10 | 76 | 1340 | | .3 | | 660 | 21.00 | 33.0 | | | | | | | |
| 11 | 11 | 76 | 1220 | | .3 | | 700 | 6.50 | 34.5 | | | | | | | |
| 01 | 12 | 76 | 1410 | | .3 | | 680 | 43.00 | 32.5 | | | | | | | |
| MAXIMUM | | | | | | | 750 | 99.00 | 34.5 | | | | | | | 1.100 |
| AVG OR GEOM MN (*) | | | | | | | 607 | 38.61 | 23.3 | | | | | | | 1.100 |
| MINIMUM | | | | | | | 370 | 3.80 | 12.0 | | | | | | | 1.100 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | 1 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 15 | 01 | 76 | 1255 | | .3 | | 1.0L | | | | | | | | | 2L |
| 26 | 02 | 76 | 1310 | | .3 | | | | | | | | | | | 2L |
| 17 | 03 | 76 | 1410 | | .3 | | 1.0L | | | | | | | | | 2L |
| 03 | 05 | 76 | 1415 | | .3 | | 2.0 | | | | | | | | | 2L |
| 26 | 05 | 76 | 1256 | | .3 | | 1.0 | | | | | | | | | 2 |
| 17 | 06 | 76 | 1335 | | .3 | | 1.0L | | | | | | | | | |
| 21 | 07 | 76 | 1306 | | .3 | | 1.0 | | | | | | | | | 2L |
| 12 | 08 | 76 | 1238 | | .3 | | 1.0 | | | | | | | | | 2L |
| 29 | 09 | 76 | 1400 | | .3 | | 1.0 | | | | | | | | | 2L |
| 20 | 10 | 76 | 1340 | | .3 | | 3.0 | | | | | | | | | 2L |
| 11 | 11 | 76 | 1220 | | .3 | | | | | | | | | | | 2L |
| 01 | 12 | 76 | 1410 | | .3 | | | | | | | | | | | 26 |
| MAXIMUM | | | | | | | 3.0 | | | | | | | | | 26 |
| AVG OR GEOM MN (*) | | | | | | | 1.3D | | | | | | | | | 4D |
| MINIMUM | | | | | | | 1.0 | | | | | | | | | 2 |
| NO OF SAMPLES | | | | | | | 9 | | | | | | | | | 11 |

B.O.W./ SITE: BROWN CREEK
SAMPLE POINT: FIRST CONCESSION SOUTH OF WATFORD
STATION TYPE: RIVER FLOW GAUGE MOE 02GA105

STATION ID: 04-0027-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 11 LAT LONG U.T.M. 17 0429140.0 4753275.0 4 REGION 01 MILEAGE 72.80

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------|---------------------------|
| 27 | 01 | 76 | 1110 | | | .3 | | 21024 | 4 | | 51000. | 210. | 10100. | 24. | 0.2 | 9.5 | 4.2 |
| 26 | 02 | 76 | 1235 | | | .3 | | 21070 | 6 9 | | 4200. | 470. | 17000. | | 2.3 | 11.6 | 1.4 |
| 24 | 03 | 76 | 1140 | | | .3 | | 21117 | 6 | | 150. | 4. | 8. | 0. | 8.0 | 11.8 | 1.5 |
| 03 | 05 | 76 | 1100 | | | .3 | | 21159 | 6 | | 1640. | 140. | 250. | 4. L | 9.0 | 10.3 | 1.0 |
| 26 | 05 | 76 | 1150 | | | .3 | | 21207 | 6 | | 14000. | 540. | 280. | 4. L | 15.1 | 16.6 | 1.2 |
| 17 | 06 | 76 | 1154 | | | .3 | | 21274 | 6 | | 850. | 550. | 120. | 4. L | 19.8 | 8.4 | 3.2 |
| 21 | 07 | 76 | 1054 | | | .3 | | 21323 | 6 | | 2000. | 560. | 280. | 24. | 22.5 | 9.0 | 3.5 |
| 12 | 08 | 76 | 1046 | | | .3 | | 21374 | 6 | | 2400. | 680. | 210. | 60. | 21.3 | 7.8 | |
| 29 | 09 | 76 | 1130 | | | .3 | | 21413 | 6 | | 2300. | 430. | 52. | 4. L | 11.7 | 11.6 | 1.8 |
| 20 | 10 | 76 | 1140 | | | .3 | | 21473 | 6 | | 26000. | 610. | 1300. | 4. L | 6.2 | 12.0 | 2.2 |
| 11 | 11 | 76 | 1050 | | | .3 | | 21504 | 4 | | 580. | 60. | 190. | 4. L | 1.1 | 19.2 | 1.9 |
| 01 | 12 | 76 | 1120 | | | .3 | | 21552 | 4 | | 8000. | 210. | 580. | 4. | 1.2 | 16.8 | 1.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

51000.
3115.*
150.

680.
229.* D
4.

17000.
362.*
8.

60.
6.* D
0.

22.5
9.9
0.2

19.2
12.1
7.8

4.2
2.1
1.0

NO OF SAMPLES

12 12 12 11 12 12 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 01 | 76 | 1110 | | | .3 | | 0.174 | 0.143 | 0.295 | 1.060 | 0.031 | 3.700 | | | | |
| 26 | 02 | 76 | 1235 | | | .3 | | 0.226 | 0.143 | 0.195 | 1.170 | 0.020 | 1.980 | | | | |
| 24 | 03 | 76 | 1140 | | | .3 | | 0.107 | 0.067 | 0.075 | 0.635 | 0.020 | 1.910 | | | | |
| 03 | 05 | 76 | 1100 | | | .3 | | 0.085 | 0.046 | 0.015 | 0.590 | 0.029 | 3.700 | | | | |
| 26 | 05 | 76 | 1150 | | | .3 | | 0.127 | 0.057 | 0.025 | 0.800 | 0.050 | 0.600 | | | | |
| 17 | 06 | 76 | 1154 | | | .3 | | 0.290 | 0.151 | 0.035 | 1.250 | 0.010 | 0.010L | | | | |
| 21 | 07 | 76 | 1054 | | | .3 | | 0.130 | 0.047 | 0.040 | 1.090 | 0.149 | 0.890 | | | | |
| 12 | 08 | 76 | 1046 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1130 | | | .3 | | 0.151 | 0.096 | 0.010 | 0.895 | 0.009 | 0.700 | | | | |
| 20 | 10 | 76 | 1140 | | | .3 | | 0.093 | 0.031 | 0.010 | 0.915 | 0.009 | 0.790 | | | | |
| 11 | 11 | 76 | 1050 | | | .3 | | 0.051 | 0.018 | 0.005 | 0.545 | 0.009 | 1.390 | | | | |
| 01 | 12 | 76 | 1120 | | | .3 | | 0.238 | 0.169 | 0.095 | 0.705 | 0.035 | 6.800 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.290
0.152
0.051

0.169
0.088
0.018

0.295
0.073
0.005

1.250
0.878
0.545

0.149
0.034
0.009

6.800
2.0430
0.010

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 01 | 76 | 1110 | | | .3 | | 355 | 27.00 | 11.0 | | | | | 7.78 | | |
| 26 | 02 | 76 | 1235 | | | .3 | | 300 | 44.00 | 8.5 | | 2.40 | | | 7.96 | 3.10 | |
| 24 | 03 | 76 | 1140 | | | .3 | | 530 | 14.00 | 13.5 | | | | | 8.35 | | 1.100 |
| 03 | 05 | 76 | 1100 | | | .3 | | 500 | 13.00 | 12.5 | | | | | 8.35 | | 2.600 |
| 26 | 05 | 76 | 1150 | | | .3 | | 540 | 26.00 | 13.0 | | | | | 8.27 | | 1.700 |
| 17 | 06 | 76 | 1154 | | | .3 | | 510 | 29.00 | 19.5 | | | | | 7.95 | | 1.800 |
| 21 | 07 | 76 | 1054 | | | .3 | | 580 | 23.00 | 15.0 | | | | | 8.11 | | |
| 12 | 08 | 76 | 1046 | | | .3 | | | | | | | | | 8.05 | | 2.100 |
| 29 | 09 | 76 | 1130 | | | .3 | | 640 | 9.70 | 27.0 | | | | | | | 0.790 |
| 20 | 10 | 76 | 1140 | | | .3 | | 590 | 23.00 | 23.0 | | | | | 7.73 | | 1.800 |
| 11 | 11 | 76 | 1050 | | | .3 | | 660 | 8.50 | 21.5 | | | | | | | 0.580 |
| 01 | 12 | 76 | 1120 | | | .3 | | 780 | 14.00 | 26.5 | | | | | 8.02 | | 0.890 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

780
544
300

44.00
21.02
8.50

27.0
17.4
8.5

2.40
2.40
2.40

8.35
8.06
7.73

3.10
3.10
3.10

2.600
1.484
0.580

NO OF SAMPLES

11 11 11 1 10 1 9

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTISSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 27 | 01 | 76 | 1110 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 02 | 76 | 1235 | | | .3 | | 1.0L | | | | | | | | | |
| 24 | 03 | 76 | 1140 | | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 05 | 76 | 1150 | | | .3 | | 1.0 | | | | | | | | | |
| 17 | 06 | 76 | 1154 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 07 | 76 | 1054 | | | .3 | | 2.0 | | | | | | | | | |
| 12 | 08 | 76 | 1046 | | | .3 | | 2.0 | | | | | | | | | |
| 29 | 09 | 76 | 1130 | | | .3 | | 1.0 | | | | | | | | | |
| 20 | 10 | 76 | 1140 | | | .3 | | 7.0 | | | | | | | | | |
| 11 | 11 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 01 | 12 | 76 | 1120 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

7.0
1.90
1.0

NO OF SAMPLES

9

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 27 | 01 | 76 | 1110 | | | .3 | | | | 0.020L | 0.020 | 0.010L | | | | 0.040 |
| 26 | 02 | 76 | 1235 | | | .3 | | | | | 0.010L | | | | | 0.030 |
| 24 | 03 | 76 | 1140 | | | .3 | | | | 0.040L | 0.010L | | | 0.010L | | 0.020L |
| 03 | 05 | 76 | 1100 | | | .3 | | | | 0.010L | 0.020 | 0.010L | | | | 0.010L |
| 26 | 05 | 76 | 1150 | | | .3 | | | | 0.004 | 0.004 | 0.002L | | | | 0.037 |
| 17 | 06 | 76 | 1154 | | | .3 | | | | 0.150 | 0.010L | 0.010L | | | | 0.030 |
| 21 | 07 | 76 | 1054 | | | .3 | | | | 0.040 | 0.020 | 0.010L | | | 2.400 | 0.020 |
| 12 | 08 | 76 | 1046 | | | .3 | | | | 0.020 | 0.010L | 0.010L | | | | 0.050 |
| 29 | 09 | 76 | 1130 | | | .3 | | | | 0.080 | 0.010L | 0.010L | | | | 0.040 |
| 20 | 10 | 76 | 1140 | | | .3 | | | | | 0.020 | 0.010L | | 0.010 | 0.070 | 0.010 |
| 11 | 11 | 76 | 1050 | | | .3 | | | 0.420 | 0.030 | 0.020 | | | 0.020 | | 0.020 |
| 01 | 12 | 76 | 1120 | | | .3 | | | | 0.050L | 0.010L | 0.010L | | | | 0.020 |
| MAXIMUM | | | | | | | | | 0.420 | 0.150 | 0.020 | 0.010 | | 0.020 | 2.400 | 0.050 |
| AVG OR GEOM MN (*) | | | | | | | | | 0.420 | 0.044D | 0.014D | 0.009D | | 0.013D | 1.235 | 0.027D |
| MINIMUM | | | | | | | | | 0.420 | 0.004 | 0.004 | 0.002 | | 0.010 | 0.070 | 0.010 |
| NO OF SAMPLES | | | | | | | | | 1 | 10 | 12 | 9 | | 3 | 2 | 12 |

B.O.W./ SITE: SYDENHAM RIVER
SAMPLE POINT: AT FIRST CONCESSION ROAD NORTH OF ALVINSTON
STATION TYPE: RIVER FLOW GAUGE FED 02GG002

STATION ID: 04-0027-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: SYDENHAM RIVER

STORET CODE: 02
003
2980

STN NO 12 LAT LONG U.T.M. 17 0430400.0 4742200.0 4 REGION 01 MILEAGE 60.30

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------|---------------------------|
| 26 | 02 | 76 | 1205 | | | .3 | 21071 | 6 | 652.00 | 3000. | 2600. | 6100. | | 4.3 | 13.3 | 1.5 |
| 24 | 03 | 76 | 1110 | | | .3 | 21118 | 6 | 75.00 | 3200. | 12. | 12. | 0. | 7.5 | 11.4 | 1.0 |
| 03 | 05 | 76 | 1135 | | | .3 | 21160 | 6 | 61.30 | 530. | 110. | 40. | 4. L | 10.2 | 10.1 | 0.7 |
| 26 | 05 | 76 | 1026 | | | .3 | 21208 | 6 | 53.00 | 410. | 80. | 90. | 4. L | 15.2 | 10.4 | 1.0 |
| 17 | 06 | 76 | 1033 | | | .3 | 21273 | 6 | 2.30 | 360. | 120. | 50. | 4. L | 19.9 | 8.2 | 1.6 |
| 21 | 07 | 76 | 1028 | | | .3 | 21322 | 6 | 10.80 | 4000. | 140. | 200. | 12. | 22.1 | 8.6 | 1.6 |
| 12 | 08 | 76 | 1022 | | | .3 | 21373 | 6 | 10.30 | 1700. | 400. | 80. | 36. | 19.9 | 9.6 | 1.6 |
| 29 | 09 | 76 | 1110 | | | .3 | 21412 | 6 | 5.50 | 560. | 220. | 92. | 4. L | 12.8 | 11.3 | 0.8 |
| 20 | 10 | 76 | 1125 | | | .3 | 21472 | 6 | 6.70 | 370. | 170. | 1200. | 4. L | 7.5 | 13.4 | 0.9 |
| 11 | 11 | 76 | 1030 | | | .3 | 21503 | 6 | 8.60 | 160. | 20. | 20. | 4. L | 1.2 | 18.2 | 0.9 |
| 01 | 12 | 76 | 1150 | | | .3 | 21551 | 6 | 29.00 | 6000. | 1200. | 730. | 48. | 0.2 | | 2.2 |
| MAXIMUM | | | | | | | | | 652.00 | 6000. | 2600. | 6100. | 48. | 22.1 | 18.2 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | 83.14 | 1001.* | 159.* | 138.* | 6.* D | 11.0 | 11.5 | 1.3 |
| MINIMUM | | | | | | | | | 2.30 | 160. | 12. | 12. | 0. | 0.2 | 8.2 | 0.7 |
| NO OF SAMPLES | | | | | | | | | 11 | 11 | 11 | 11 | 10 | 11 | 10 | 11 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1205 | | | .3 | 0.161 | 0.091 | 0.165 | 0.970 | 0.029 | 3.700 | 308.0 | 55.0 | | |
| 24 | 03 | 76 | 1110 | | | .3 | 0.069 | 0.027 | 0.085 | 0.635 | 0.025 | 3.200 | 388.0 | 23.0 | | |
| 03 | 05 | 76 | 1135 | | | .3 | 0.067 | 0.036 | 0.015 | 0.640 | 0.024 | 4.400 | 406.0 | 22.5 | | |
| 26 | 05 | 76 | 1026 | | | .3 | 0.077 | 0.020 | 0.025 | 0.645 | 0.037 | 1.570 | 428.0 | 49.0 | | |
| 17 | 06 | 76 | 1033 | | | .3 | 0.124 | 0.024 | 0.010 | 0.675 | 0.041 | 0.960 | 436.0 | 81.5 | | |
| 21 | 07 | 76 | 1028 | | | .3 | 0.108 | 0.031 | 0.015 | 0.710 | 0.013 | 1.460 | 432.0 | 109.0 | | |
| 12 | 08 | 76 | 1022 | | | .3 | 0.164 | 0.064 | 0.010 | 0.890 | 0.021 | 1.660 | 348.0 | 71.0 | | |
| 29 | 09 | 76 | 1110 | | | .3 | 0.066 | 0.026 | 0.005 | 0.655 | 0.010 | 1.750 | 450.0 | 23.5 | | |
| 20 | 10 | 76 | 1125 | | | .3 | 0.051 | 0.008 | 0.005 | 0.475 | 0.006 | 1.420 | 390.0 | 1.5 | | |
| 11 | 11 | 76 | 1030 | | | .3 | 0.021 | 0.005 | 0.010 | 0.420 | 0.010 | 1.660 | 392.0 | 15.0L | | |
| 01 | 12 | 76 | 1150 | | | .3 | 0.081 | 0.035 | 0.015 | 0.800 | 0.043 | 5.400 | 434.0 | 11.0 | | |
| MAXIMUM | | | | | | | 0.164 | 0.091 | 0.165 | 0.970 | 0.043 | 5.400 | 450.0 | 109.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.090 | 0.033 | 0.033 | 0.683 | 0.024 | 2.471 | 401.1 | 42.0D | | |
| MINIMUM | | | | | | | 0.021 | 0.005 | 0.005 | 0.420 | 0.006 | 0.960 | 308.0 | 1.5 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1205 | | | .3 | 392 | 52.00 | 10.5 | | | | | | | |
| 24 | 03 | 76 | 1110 | | | .3 | 530 | 20.00 | 12.5 | | | | | | | |
| 03 | 05 | 76 | 1135 | | | .3 | 560 | 15.00 | 12.0 | | | | | | | |
| 26 | 05 | 76 | 1026 | | | .3 | 560 | 26.00 | 12.5 | | | | | | | |
| 17 | 06 | 76 | 1033 | | | .3 | 530 | 46.00 | 10.5 | | | | | | | |
| 21 | 07 | 76 | 1028 | | | .3 | 580 | 46.00 | 12.0 | | | | | | | |
| 12 | 08 | 76 | 1022 | | | .3 | 460 | 43.00 | 12.0 | | | | | | | |
| 29 | 09 | 76 | 1110 | | | .3 | 600 | 19.00 | 15.5 | | | | | | | |
| 20 | 10 | 76 | 1125 | | | .3 | 580 | 5.20 | 14.0 | | | | | | | |
| 11 | 11 | 76 | 1030 | | | .3 | 610 | 4.10 | 15.0 | | | | | | | |
| 01 | 12 | 76 | 1150 | | | .3 | 620 | 17.00 | 19.5 | | | | | | | |
| MAXIMUM | | | | | | | 620 | 52.00 | 19.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 547 | 26.66 | 13.3 | | | | | | | |
| MINIMUM | | | | | | | 392 | 4.10 | 10.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: FOUR MILE CREEK
 SAMPLE POINT: FIRST CONCESSION NORTH OF VIRGIL
 STATION TYPE: RIVER FLOW GAUGE MOE 02HA103

STATION ID: 06-0003-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: FOUR MILE CREEK

STORET CODE: 02
 004
 5280

| STN NO | 5 | LAT | LONG | U.T.M. 17 0651450.0 4788200.0 4 | | | | | | | | | | REGION 02 | MILEAGE | 4.20 |
|---------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1250 | | .3 | | 31333 | 4 | | | | | | | | |
| 23 | 02 | 76 | 1005 | | .3 | | 31373 | 3 | | | | | | | | |
| 16 | 03 | 76 | 1135 | | .3 | | 31413 | 3 | | 31000. | 600. | 3800. | | 0.0 | 10.9 | 1.4 |
| 22 | 04 | 76 | 1310 | | .3 | | 31453 | 6 | | 7000. | 200. | 200. | | 0.5 | 12.9 | 2.0 |
| 17 | 05 | 76 | 1415 | | .3 | | 31493 | 6 | | 2600. | 940. | 780. | | 12.6 | 1.2 | |
| 29 | 06 | 76 | 1450 | | .3 | | 31532 | 6 3 | | 20000. | 770. | 1460. | | 14.5 | 12.5 | 14.0 |
| 27 | 07 | 76 | 1345 | | .3 | | 31572 | 7 9 | | 70000. | | 11300. | | 19.0 | 9.3 | 3.2 |
| 25 | 08 | 76 | 1320 | | .3 | | 31609 | 7 9 | | 4300. | | 510. | | 23.0 | 6.7 | 6.0 |
| 29 | 09 | 76 | 1225 | | .3 | | 31646 | 6 | | 5000. | 460. | 480. | | 25.0 | 17.6 | 8.2 |
| 21 | 10 | 76 | 1300 | | .3 | | 31684 | 6 | | 17000. | 2900. | 670. | | 25.0 | 11.1 | 6.0 |
| 24 | 11 | 76 | 1030 | | .3 | | 31727 | 4 | | 600. | 40. | 260. | | 13.5 | 7.0 | 2.2 |
| 14 | 12 | 76 | 1015 | | .3 | | 31750 | 4 | | 890. | 20. | 30. | | 9.6 | 6.3 | 3.6 |
| | | | | | | | | | | 8300. | 640. | 28. | | 0.0 | 14.1 | 3.0 |
| | | | | | | | | | | | | | | 0.0 | 10.7 | 3.5 |

| | | | | | | |
|--------------------|--------|-------|--------|------|------|------|
| MAXIMUM | 70000. | 2900. | 11300. | 25.0 | 17.6 | 14.0 |
| AVG OR GEOM MN (*) | 6728.* | 339.* | 488.* | 10.8 | 11.0 | 4.5 |
| MINIMUM | 600. | 20. | 28. | 0.0 | 6.3 | 1.2 |
| NO OF SAMPLES | 11 | 9 | 11 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 22 | 01 | 76 | 1250 | | .3 | | 0.140 | 0.090 | 1.300 | 1.900 | 0.064 | 4.700 | 1216.0 | 14.0 | | |
| 23 | 02 | 76 | 1005 | | .3 | | 0.600 | 0.235 | 0.520 | 2.300 | 0.115 | 4.240 | 751.0 | 288.0 | | |
| 16 | 03 | 76 | 1135 | | .3 | | 0.165 | 0.083 | 0.268 | 1.150 | 0.038 | 3.660 | 627.0 | 24.0 | | |
| 22 | 04 | 76 | 1310 | | .3 | | 0.270 | 0.010 | 0.014 | 3.180 | 0.043 | 0.777 | 801.0 | 60.0 | | |
| 17 | 05 | 76 | 1415 | | .3 | | 0.300 | 0.060 | 0.084 | 1.860 | 0.081 | 2.470 | 600.0 | 119.0 | | |
| 29 | 06 | 76 | 1450 | | .3 | | 0.520 | 0.032 | 0.038 | 3.000 | 0.083 | 2.310 | 620.0 | 164.0 | | |
| 27 | 07 | 76 | 1345 | | .3 | | 0.300 | 0.014 | 0.022 | 2.000 | 0.010 | 0.315 | 817.0 | 86.0 | | |
| 25 | 08 | 76 | 1320 | | .3 | | 0.268 | 0.033 | 0.002 | 1.320 | 0.007 | 0.338 | 483.0 | 66.0 | | |
| 29 | 09 | 76 | 1225 | | .3 | | 0.168 | 0.052 | 0.140 | 1.200 | 0.040 | 0.480 | 533.0 | 29.0 | | |
| 21 | 10 | 76 | 1300 | | .3 | | 0.250 | 0.032 | 0.004 | 1.200 | 0.005 | 0.025 | 668.0 | 50.0 | | |
| 24 | 11 | 76 | 1030 | | .3 | | 0.087 | 0.015 | 0.010 | 0.880 | 0.011 | 0.339 | 745.0 | 6.4 | | |
| 14 | 12 | 76 | 1015 | | .3 | | 0.089 | 0.004 | 0.008 | 1.090 | 0.032 | 0.808 | 1064.0 | 10.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|--------|-------|
| MAXIMUM | 0.600 | 0.235 | 1.300 | 3.180 | 0.115 | 4.700 | 1216.0 | 288.0 |
| AVG OR GEOM MN (*) | 0.263 | 0.055 | 0.201 | 1.757 | 0.044 | 1.705 | 743.8 | 76.4 |
| MINIMUM | 0.087 | 0.004 | 0.002 | 0.880 | 0.005 | 0.025 | 483.0 | 6.4 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 22 | 01 | 76 | 1250 | | .3 | | 1900 | 13.00 | 355.0 | | | | | | | |
| 23 | 02 | 76 | 1005 | | .3 | | 500 | 350.00 | 50.0 | | | | | | | |
| 16 | 03 | 76 | 1135 | | .3 | | 870 | 72.00 | 90.0 | | | | | | | |
| 22 | 04 | 76 | 1310 | | .3 | | 1050 | 27.00 | 160.0 | | | | | | | |
| 17 | 05 | 76 | 1415 | | .3 | | 700 | 70.00 | 55.0 | | | | | | | |
| 29 | 06 | 76 | 1450 | | .3 | | 840 | 140.00 | 93.0 | | | | | 8.23 | | |
| 27 | 07 | 76 | 1345 | | .3 | | 1060 | 12.00 | 150.0 | | | | | 8.07 | | |
| 25 | 08 | 76 | 1320 | | .3 | | 610 | 38.00 | 63.0 | | | | | 8.64 | | |
| 29 | 09 | 76 | 1225 | | .3 | | 790 | 35.00 | 84.0 | | | | | 8.25 | | |
| 21 | 10 | 76 | 1300 | | .3 | | 1020 | 42.00 | 105.0 | | | | | 7.76 | | |
| 24 | 11 | 76 | 1030 | | .3 | | 1140 | 6.20 | 140.0 | | | | | 7.60 | | |
| 14 | 12 | 76 | 1015 | | .3 | | 1600 | 7.60 | 230.0 | | | | | | | |

| | | | | | |
|--------------------|------|--------|-------|--|------|
| MAXIMUM | 1900 | 350.00 | 355.0 | | 8.64 |
| AVG OR GEOM MN (*) | 1007 | 67.73 | 131.3 | | 8.09 |
| MINIMUM | 500 | 6.20 | 50.0 | | 7.60 |
| NO OF SAMPLES | 12 | 12 | 12 | | 6 |

B.O.W./ SITE: SIX MILE CREEK
 SAMPLE POINT: LAKESHORE ROAD, TWP OF NIAGARA
 STATION TYPE: RIVER FLOW GAUGE MOE 02HA102

STATION ID: 06-0005-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SIX MILE CREEK

STORET CODE: 02
 004
 5260

| STN NO | 1 | LAT | LONG | U.T.M. 17 0649200.0 4788240.0 4 | REGION 02 | MILEAGE | 0.80 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|------|-----------------------------|---|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1240 | | | .3 | | 31332 | 4 | | | | | | 0.0 | 16.0 | 0.8 |
| 23 | 02 | 76 | 1000 | | | .3 | | 31372 | 4 | | 9000. | 1100. | 200. | | 0.0 | 13.6 | 2.0 |
| 16 | 03 | 76 | 1130 | | | .3 | | 31412 | 3 | | 1500. | 10. | L 40. | | 0.5 | 13.9 | 2.2 |
| 22 | 04 | 76 | 1305 | | | .3 | | 31452 | 3 | | 13000. | 480. | 600. | G | 14.5 | 7.5 | 20.0 |
| 17 | 05 | 76 | 1430 | | | .3 | | 31492 | 6 | 10.4 | 25000E+1 | 10. | L 1500. | G | 20.5 | 6.0 | 4.4 |
| 29 | 06 | 76 | 1425 | | | .3 | | 31531 | 6 3 | 9.7 | 44000E+1 | | 15000. | G | 22.0 | 10.6 | 8.0 |
| 27 | 07 | 76 | 1410 | | | .3 | | 31571 | 5 7 | 0.1 | 1000. | | 1000. | | 25.0 | 13.2 | 1.0 |
| 25 | 08 | 76 | 1250 | | | .3 | | 31608 | 6 | | 5000. | 60. | 1510. | | 23.0 | 11.5 | 1.0 |
| 29 | 09 | 76 | 1215 | | | .3 | | 31645 | 6 | | 1700. | 340. | 300. | | 14.5 | 11.7 | 0.8 |
| 21 | 10 | 76 | 1245 | | | .3 | | 31683 | 3 | | 21000. | 3500. | 1500. | G | 8.8 | 8.6 | 10.0 |
| 24 | 11 | 76 | 1025 | | | .3 | | 31726 | 4 | | 13100E+1 | 400. | 200. | | 0.0 | 13.0 | 2.5 |
| 14 | 12 | 76 | 1005 | | | .3 | | 31749 | 4 | | 9000. | 200. | 100. | L | 0.0 | 11.5 | 3.5 |
| | | | | | | | | | | 10.4 | 44000E+1 | 3500. | 15000. | | 25.0 | 16.0 | 20.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 6.7 | 14004.* | 189.* | D 553.* | E | 10.7 | 11.6 | 4.7 |
| MINIMUM | | | | | | | | | | 0.1 | 1000. | 10. | 40. | | 0.0 | 7.5 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 3 | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 | 01 | 76 | 1240 | | | .3 | | 0.068 | 0.005 | 3.800 | 4.000 | 0.064 | 2.900 | 5264.0 | 81.0 | | |
| 23 | 02 | 76 | 1000 | | | .3 | | 0.445 | 0.210 | 0.390 | 1.700 | 0.056 | 5.840 | 772.0 | 91.0 | | |
| 16 | 03 | 76 | 1130 | | | .3 | | 0.088 | 0.027 | 1.460 | 2.200 | 0.046 | 3.350 | 868.0 | 11.0 | | |
| 22 | 04 | 76 | 1305 | | | .3 | | 0.164 | 0.003 | 12.200 | 19.600 | 0.830 | 7.370 | 1532.0 | 57.0 | | |
| 17 | 05 | 76 | 1430 | | | .3 | | 0.376 | 0.100 | 0.580 | 3.140 | 0.200 | 1.700 | 607.0 | 78.0 | | |
| 29 | 06 | 76 | 1425 | | | .3 | | 2.550 | 0.160 | 0.150 | 8.000 | 0.110 | 0.379 | 2816.0 | 2196.0 | | |
| 27 | 07 | 76 | 1410 | | | .3 | | 0.025 | 0.002 | 0.002 | 0.770 | 0.001 | 0.005L | 1008.0 | 4.0 | | |
| 25 | 08 | 76 | 1250 | | | .3 | | 0.080 | 0.039 | 0.172 | 0.580 | 0.007 | 0.018 | 844.0 | 23.0 | | |
| 29 | 09 | 76 | 1215 | | | .3 | | 0.024 | 0.006 | 0.126 | 0.920 | 0.090 | 2.910 | 1234.0 | 7.1 | | |
| 21 | 10 | 76 | 1245 | | | .3 | | 0.140 | 0.026 | 1.700 | 3.150 | 0.110 | 2.890 | 2687.0 | 72.0 | | |
| 24 | 11 | 76 | 1025 | | | .3 | | 0.023 | 0.006 | 0.080 | 1.100 | 0.030 | 4.570 | 1939.0 | 5.6 | | |
| 14 | 12 | 76 | 1005 | | | .3 | | 0.030 | 0.012 | 0.760 | 1.760 | 0.070 | 1.470 | 1697.0 | 11.0 | | |
| | | | | | | | | 2.550 | 0.210 | 12.200 | 19.600 | 0.830 | 7.370 | 5264.0 | 2196.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.334 | 0.050 | 1.785 | 3.910 | 0.135 | 2.7840 | 1772.3 | 219.7 | | |
| MINIMUM | | | | | | | | 0.023 | 0.002 | 0.002 | 0.580 | 0.001 | 0.005 | 607.0 | 4.0 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 | 01 | 76 | 1240 | | | .3 | | 8400 | 60.00 | 2400.0 | | | | | | | |
| 23 | 02 | 76 | 1000 | | | .3 | | 950 | 100.00 | 165.0 | | | | | | | |
| 16 | 03 | 76 | 1130 | | | .3 | | 1250 | 17.00 | 193.0 | | | | | | | |
| 22 | 04 | 76 | 1305 | | | .3 | | 2300 | 29.00 | 465.0 | | | | | | | |
| 17 | 05 | 76 | 1430 | | | .3 | | 750 | 87.00 | 80.0 | | | | | | | |
| 29 | 06 | 76 | 1425 | | | .3 | | 740 | 155.00 | 115.0 | | | | | | 8.16 | |
| 27 | 07 | 76 | 1410 | | | .3 | | 1710 | 3.10 | 330.0 | | | | | | 7.88 | |
| 25 | 08 | 76 | 1250 | | | .3 | | 1300 | 6.50 | 173.0 | | | | | | 8.86 | |
| 29 | 09 | 76 | 1215 | | | .3 | | 2000 | 15.00 | 375.0 | | | | | | 8.23 | |
| 21 | 10 | 76 | 1245 | | | .3 | | 4400 | 100.00 | 1225.0 | | | | | | 8.27 | |
| 24 | 11 | 76 | 1025 | | | .3 | | 3000 | 4.20 | 250.0 | | | | | | 7.59 | |
| 14 | 12 | 76 | 1005 | | | .3 | | 2750 | 14.00 | 240.0 | | | | | | | |
| | | | | | | | | 8400 | 155.00 | 2400.0 | | | | | | 8.86 | |
| AVG OR GEOM MN (*) | | | | | | | | 2463 | 49.23 | 500.9 | | | | | | 8.17 | |
| MINIMUM | | | | | | | | 740 | 3.10 | 80.0 | | | | | | 7.59 | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | 6 | | |

B.O.W./ SITE: EIGHT MILE CREEK
SAMPLE POINT: LAKESHORE ROAD, TWP OF NIAGARA
STATION TYPE: RIVER FLOW GAUGE MOE 02HA101

STATION ID: 06-0010-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: EIGHT MILE CREEK

STORET CODE: 02
004
5210

STN NO 1 LAT LONG U.T.M. 17 0647600.0 4787225.0 4 REGION 02 MILEAGE 1.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 1230 | | | .3 | | 31331 | 4 | | | | | | 0.0 | 14.8 | 1.2 |
| 23 | 02 | 76 | 0955 | | | .3 | | 31371 | 3 | | 6000. | 100. | L 3700. | | 0.0 | 13.6 | 1.8 |
| 16 | 03 | 76 | 1125 | | | .3 | | 31411 | 3 | | 1800. | 250. | 20. | | 0.5 | 14.4 | 1.4 |
| 22 | 04 | 76 | 1250 | | | .3 | | 31451 | 6 | | 900. | 670. | 1050. | | 14.0 | 8.4 | 4.0 |
| 17 | 05 | 76 | 1500 | | | .3 | | 31491 | 6 | 14.5 | 30000. | 2600. | 1500. | G | 19.0 | 8.1 | 4.0 |
| 29 | 06 | 76 | 1350 | | | .3 | | 31530 | 6 3 | 1.8 | 11900E+1 | | 15000. | G | 21.5 | 7.8 | 6.0 |
| 27 | 07 | 76 | 1440 | | | .3 | | 31570 | 6 | 0.5 | 2500. | | 2000. | | 25.0 | 7.9 | 0.8 |
| 25 | 08 | 76 | 1200 | | | .3 | | 31607 | 6 | 0.3 | 4000. | 100. | 700. | | 20.0 | 7.5 | 1.2 |
| 29 | 09 | 76 | 1210 | | | .3 | | 31644 | 6 | | 9000. | 500. | 5700. | | 12.5 | 8.5 | 1.0 |
| 21 | 10 | 76 | 1240 | | | .3 | | 31682 | 6 | | 15700. | 1800. | 12500. | | 9.0 | 7.8 | 2.2 |
| 24 | 11 | 76 | 1020 | | | .3 | | 31725 | 6 | | 2100. | 500. | 100. | L | 0.0 | 13.3 | 1.8 |
| 14 | 12 | 76 | 0955 | | | .3 | | 31748 | 4 | | 58000. | 3500. | 90. | | 0.0 | 11.7 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14.5 11900E+1 3500. 15000.
4.3 7740.* 575.* D 1042.* E
0.3 900. 100. 20.

25.0 14.8 6.0
10.1 10.3 2.2
0.0 7.5 0.8

NO OF SAMPLES

4 11 9 11 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1230 | | | .3 | | 0.120 | 0.013 | 1.300 | 1.900 | 0.042 | 1.500 | 2439.0 | 56.0 | | |
| 23 | 02 | 76 | 0955 | | | .3 | | 0.260 | 0.090 | 0.282 | 1.600 | 0.081 | 5.040 | 514.0 | 38.0 | | |
| 16 | 03 | 76 | 1125 | | | .3 | | 0.158 | 0.079 | 0.136 | 0.900 | 0.029 | 4.320 | 579.0 | 20.0 | | |
| 22 | 04 | 76 | 1250 | | | .3 | | 0.880 | 0.710 | 0.004 | 1.020 | 0.029 | 0.311 | 609.0 | 32.0 | | |
| 17 | 05 | 76 | 1500 | | | .3 | | 0.570 | 0.210 | 0.252 | 2.550 | 0.096 | 2.750 | 559.0 | 132.0 | | |
| 29 | 06 | 76 | 1350 | | | .3 | | 0.740 | 0.075 | 0.042 | 1.850 | 0.050 | 1.750 | 820.0 | 480.0 | | |
| 27 | 07 | 76 | 1440 | | | .3 | | 0.102 | 0.058 | 0.004 | 0.500 | 0.003 | 0.005L | 231.0 | 13.0 | | |
| 25 | 08 | 76 | 1200 | | | .3 | | 0.126 | 0.022 | 0.004 | 0.440 | 0.002 | 0.013 | 273.0 | 45.0 | | |
| 29 | 09 | 76 | 1210 | | | .3 | | 0.042 | 0.016 | 0.002 | 0.420 | 0.002 | 0.008 | 473.0 | 15.0 | | |
| 21 | 10 | 76 | 1240 | | | .3 | | 0.104 | 0.028 | 0.002 | 0.420 | 0.013 | 0.407 | 374.0 | 27.0 | | |
| 24 | 11 | 76 | 1020 | | | .3 | | 0.092 | 0.064 | 0.040 | 0.420 | 0.006 | 0.179 | 287.0 | 11.0 | | |
| 14 | 12 | 76 | 0955 | | | .3 | | 0.166 | 0.110 | 0.172 | 0.900 | 0.018 | 0.377 | 455.0 | 10.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.880 0.710 1.300 2.550 0.096 5.040 2439.0 480.0
0.280 0.123 0.185 1.077 0.029 1.388D 634.4 73.3
0.042 0.013 0.002 0.420 0.002 0.005 231.0 10.0

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 58 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1230 | | | .3 | | 3800 | 35.00 | 1000.0 | | | | | | | |
| 23 | 02 | 76 | 0955 | | | .3 | | 600 | 110.00 | 68.0 | | | | | | | |
| 16 | 03 | 76 | 1125 | | | .3 | | 780 | 47.00 | 78.0 | | | | | | | |
| 22 | 04 | 76 | 1250 | | | .3 | | 900 | 31.00 | 110.0 | | | | | | | |
| 17 | 05 | 76 | 1500 | | | .3 | | 480 | 140.00 | 33.5 | | | | | | 7.82 | |
| 29 | 06 | 76 | 1350 | | | .3 | | 505 | 275.00 | 51.5 | | | | | | 7.92 | |
| 27 | 07 | 76 | 1440 | | | .3 | | 335 | 17.00 | 26.0 | | | | | | 8.26 | |
| 25 | 08 | 76 | 1200 | | | .3 | | 350 | 22.00 | 24.5 | | | | | | 8.02 | |
| 29 | 09 | 76 | 1210 | | | .3 | | 730 | 24.00 | 105.0 | | | | | | 8.04 | |
| 21 | 10 | 76 | 1240 | | | .3 | | 540 | 32.00 | 55.0 | | | | | | 7.64 | |
| 24 | 11 | 76 | 1020 | | | .3 | | 445 | 24.00 | 34.0 | | | | | | | |
| 14 | 12 | 76 | 0955 | | | .3 | | 700 | 22.00 | 100.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

3800 275.00 1000.0
847 64.92 140.5
335 17.00 24.5

8.26
7.95
7.64

NO OF SAMPLES

12 12 12 6

B.O.W. / SITE: WELLAND SHIP CANAL
 SAMPLE POINT: AT WEIR DOWNSTREAM FROM LAKESHORE ROAD
 STATION TYPE: RIVER

STATION ID: 06-0014-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
 004
 5170

| STN NO | 1 | LAT | LONG | U.T.M. 17 0645025.0 4786890.0 4 | REGION 02 | MILEAGE | 2.00 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 22 | 01 | 76 | 1220 | | .3 | | 31330 | 6 | | | | | | 0.0 | 16.9 | 0.8 |
| 12 | 02 | 76 | 1420 | | .3 | | 31370 | 6 | | 100. | 20. | 90. | | 2.0 | 14.1 | 2.0 |
| 23 | 03 | 76 | 1250 | | .3 | | 31410 | 6 | | 800. | 180. | 50. | | 3.0 | 14.0 | 0.8 |
| 22 | 04 | 76 | 1240 | | .3 | | 31450 | 6 | | 30. | 10. L | 10. L | | 9.0 | 9.4 | 1.6 |
| 17 | 05 | 76 | 1340 | | .3 | | 31490 | 6 | | 3600. | 120. | 1100. | | 13.5 | 11.9 | 2.0 |
| 29 | 06 | 76 | 1340 | | .3 | | 31529 | 6 | | 1200. | | 100. L | | 21.0 | 9.0 | 1.4 |
| 27 | 07 | 76 | 1305 | | .3 | | 31569 | 6 | | 40. | | 10. | | 22.5 | 9.0 | 0.8 |
| 25 | 08 | 76 | 1145 | | .3 | | 31606 | 6 | | 200. | 10. L | 20. | | 23.5 | 8.6 | 0.8 |
| 29 | 09 | 76 | 1205 | | .3 | | 31643 | 6 | | 400. | 20. | 1. | | 17.0 | 9.6 | 0.4 |
| 19 | 10 | 76 | 0930 | | .3 | | 31681 | 6 | | 210. | 4. | 4. | | 11.0 | 11.2 | 1.0 |
| 24 | 11 | 76 | 1010 | | .3 | | 31710 | 6 | | 320. | 18. | 2. | | 2.5 | 13.8 | 1.4 |
| 14 | 12 | 76 | 0945 | | .3 | | 31747 | 6 | | 310. | 42. | 14. | | 0.0 | 15.4 | 0.8 |
| MAXIMUM | | | | | | | | | | 3600. | 180. | 1100. | | 23.5 | 16.9 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 275.* | 24.* D | 19.* D | | 10.4 | 11.9 | 1.2 |
| MINIMUM | | | | | | | | | | 30. | 4. | 1. | | 0.0 | 8.6 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 | 01 | 76 | 1220 | | .3 | | 0.063 | 0.009 | 0.090 | 0.390 | 0.008 | 0.280 | 289.0 | 61.0 | | 228 |
| 12 | 02 | 76 | 1420 | | .3 | | 0.049 | 0.014 | 0.115 | 0.530 | 0.013 | 0.387 | 263.0 | 22.0 | | 241 |
| 23 | 03 | 76 | 1250 | | .3 | | 0.078 | 0.021 | 0.228 | 0.620 | 0.060 | 0.500 | 262.0 | 25.0 | | 237 |
| 22 | 04 | 76 | 1240 | | .3 | | 0.058 | 0.008 | 0.022 | 0.400 | 0.008 | 0.417 | 238.0 | 33.0 | | 205 |
| 17 | 05 | 76 | 1340 | | .3 | | 0.100 | 0.014 | 0.026 | 0.480 | 0.011 | 0.349 | 264.0 | 49.0 | | 215 |
| 29 | 06 | 76 | 1340 | | .3 | | 0.061 | 0.028 | 0.048 | 0.370 | 0.009 | 0.266 | 219.0 | 14.0 | | 205 |
| 27 | 07 | 76 | 1305 | | .3 | | 0.034 | 0.004 | 0.028 | 0.380 | 0.004 | 0.111 | 221.0 | 16.0 | | 205 |
| 25 | 08 | 76 | 1145 | | .3 | | 0.048 | 0.013 | 0.012 | 0.140 | 0.004 | 0.061 | 224.0 | 19.0 | | 205 |
| 29 | 09 | 76 | 1205 | | .3 | | 0.026 | 0.004 | 0.020 | 0.300 | 0.004 | 0.191 | 231.0 | 23.0 | | 208 |
| 19 | 10 | 76 | 0930 | | .3 | | 0.026 | 0.004 | 0.032 | 0.460 | 0.004 | 0.076 | 227.0 | 22.0 | | 205 |
| 24 | 11 | 76 | 1010 | | .3 | | 0.048 | 0.007 | 0.036 | 0.520 | 0.002 | 0.188 | 245.0 | 30.0 | | 215 |
| 14 | 12 | 76 | 0945 | | .3 | | 0.044 | 0.011 | 0.050 | 0.340 | 0.003 | 0.122 | 235.0 | 24.0 | | 211 |
| MAXIMUM | | | | | | | 0.100 | 0.028 | 0.228 | 0.620 | 0.060 | 0.500 | 289.0 | 61.0 | | 241 |
| AVG OR GEOM MN (*) | | | | | | | 0.053 | 0.011 | 0.059 | 0.411 | 0.011 | 0.246 | 243.2 | 28.2 | | 215 |
| MINIMUM | | | | | | | 0.026 | 0.004 | 0.012 | 0.140 | 0.002 | 0.061 | 219.0 | 14.0 | | 205 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 | 01 | 76 | 1220 | | .3 | | 350 | 35.00 | 27.0 | | | | | | | |
| 12 | 02 | 76 | 1420 | | .3 | | 370 | 25.00 | 33.0 | | | | | | | |
| 23 | 03 | 76 | 1250 | | .3 | | 360 | 34.00 | 29.5 | 39.0 | 0.45 | | | 8.30 | 2.00 | |
| 22 | 04 | 76 | 1240 | | .3 | | 315 | 26.00 | 21.0 | 29.0 | 0.05 | | | 8.30 | | 1.350 |
| 17 | 05 | 76 | 1340 | | .3 | | 330 | 50.00 | 21.0 | 32.0 | 0.20 | | | 8.30 | | 3.750 |
| 29 | 06 | 76 | 1340 | | .3 | | 315 | 15.00 | 23.0 | 29.5 | 0.15 | | | 8.34 | | 0.670 |
| 27 | 07 | 76 | 1305 | | .3 | | 313 | 14.00 | 22.0 | 26.5 | 0.25 | | | 8.45 | | 0.690 |
| 25 | 08 | 76 | 1145 | | .3 | | 313 | 17.00 | 22.0 | 30.0 | 0.20 | | | 7.96 | | 0.780 |
| 29 | 09 | 76 | 1205 | | .3 | | 320 | 22.00 | 22.5 | 32.5 | 0.25 | | | 8.17 | | 0.940 |
| 19 | 10 | 76 | 0930 | | .3 | | 315 | 18.00 | 22.5 | 27.0 | 0.10 | | | 8.83 | | 0.8 |
| 24 | 11 | 76 | 1010 | | .3 | | 330 | 33.00 | 23.5 | 30.5 | 0.10 | | | 7.70 | | 1.000 |
| 14 | 12 | 76 | 0945 | | .3 | | 325 | 28.00 | 24.0 | 29.0 | 0.05 | | | 8.20 | | 0.780 |
| MAXIMUM | | | | | | | 370 | 50.00 | 33.0 | 39.0 | 0.45 | | | 8.83 | 2.00 | 3.750 |
| AVG OR GEOM MN (*) | | | | | | | 330 | 26.42 | 24.3 | 30.5 | 0.18 | | | 8.26 | 2.00 | 1.196 |
| MINIMUM | | | | | | | 313 | 14.00 | 21.0 | 26.5 | 0.05 | | | 7.70 | 2.00 | 0.670 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 10 | 10 | | | 10 | 1 | 9 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 22 | 01 | 76 | 1220 | | .3 | | 23.0 | | | | | | | | | |
| 12 | 02 | 76 | 1420 | | .3 | | 4.0 | | | | | | | | | |
| 23 | 03 | 76 | 1250 | | .3 | | 1.0 | | | | | | | | | |
| 22 | 04 | 76 | 1240 | | .3 | | 1.0L | | | | | | | | | |
| 17 | 05 | 76 | 1340 | | .3 | | 9.0 | | | | | | | | | |
| 29 | 06 | 76 | 1340 | | .3 | | 1.0L | | | | | | | | | |
| 27 | 07 | 76 | 1305 | | .3 | | 1.0L | | | | | | | | | |
| 25 | 08 | 76 | 1145 | | .3 | | 1.0L | | | | | | | | | |
| 29 | 09 | 76 | 1205 | | .3 | | 1.0 | | | | | | | | | |
| 19 | 10 | 76 | 0930 | | .3 | | 1.0L | | | | | | | | | |
| 24 | 11 | 76 | 1010 | | .3 | | 1.0 | | | | | | | | | |
| 14 | 12 | 76 | 0945 | | .3 | | 2.0 | | | | | | | | | |
| MAXIMUM | | | | | | | 23.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 3.8D | | | | | | | | | |
| MINIMUM | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | | | | | | | 10 | 10 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 23 | 03 | 76 | 1250 | | | .3 | | 0.002 | 0.140L | | 0.020L | 0.020L | 0.020 | 0.010L | 0.060 | | 0.010 |
| 27 | 07 | 76 | 1305 | | | .3 | | 0.001 | 0.060L | | 0.010 | 0.040 | 0.010L | 0.010L | 0.010 | | 0.010L |
| 19 | 10 | 76 | 0930 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.140 | | 0.020 | 0.040 | 0.020 | 0.010 | 0.060 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.077D | | 0.017D | 0.023D | 0.013D | 0.008D | 0.027D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.030 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: WELLAND SHIP CANAL
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 06-0014-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
004
5170

| STN NO | 2 | LAT | LONG | U.T.M. 17 0642990.0 4749500.0 4 | REGION 02 | MILEAGE | 27.00 | | | | | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1500 | | | .3 | | 31337 | 4 | | | | | | 0.0 | 16.3 | 0.4 |
| 23 | 02 | 76 | 1215 | | | .3 | | 31377 | 4 | | 100. L | 10. L | 10. L | | 0.0 | 14.0 | 1.0 |
| 16 | 03 | 76 | 1400 | | | .3 | | 31417 | 6 | | 10. L | 10. L | 10. L | | 0.0 | 15.1 | 0.6 |
| 22 | 04 | 76 | 1510 | | | .3 | | 31457 | 6 | | 10. L | 1. L | 1. L | | 8.0 | 9.8 | 1.2 |
| 18 | 05 | 76 | 1250 | | | .3 | | 31497 | 6 | | 10. L | 1. L | 1. L | | | 13.6 | 1.4 |
| 15 | 06 | 76 | 1010 | | | .3 | | 31538 | 6 | | 12. L | | 1. L | | 17.0 | 10.4 | 5.2 |
| 20 | 07 | 76 | 1405 | | | .3 | | 31573 | 6 | | 10. L | | 1. L | | 20.5 | 8.9 | 1.2 |
| 19 | 08 | 76 | 1355 | | | .3 | | 31615 | 6 | | 8700. L | 1. L | 40. L | | 20.0 | 8.9 | 3.0 |
| 29 | 09 | 76 | 1350 | | | .3 | | 31652 | 6 | | 60. L | 1. L | 8. L | | 16.5 | 9.0 | 1.0 |
| 19 | 10 | 76 | 1230 | | | .3 | | 31688 | 6 | | 24. L | 4. L | 1. L | | 9.0 | 9.4 | 1.2 |
| 24 | 11 | 76 | 1155 | | | .3 | | 31714 | 6 | | 4. L | 1. L | 1. L | | 0.5 | 13.7 | 0.4 |
| MAXIMUM | | | | | | | | | | | 8700. L | 10. L | 40. L | | 20.5 | 16.3 | 5.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 30. * D | 2. * D | 3. * D | | 9.2 | 11.7 | 1.5 |
| MINIMUM | | | | | | | | | | | 4. L | 1. L | 1. L | | 0.0 | 8.9 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 8 | 10 | | 10 | 11 | 11 |
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 | 01 | 76 | 1500 | | | .3 | | 0.018 | 0.004 | 0.020 | 0.270 | 0.003 | 0.280 | 257.0 | 26.0 | | 231 |
| 23 | 02 | 76 | 1215 | | | .3 | | 0.015 | 0.006 | 0.016 | 0.290 | 0.004 | 0.271 | 218.0 | 3.0 | | 215 |
| 16 | 03 | 76 | 1400 | | | .3 | | 0.025 | 0.003 | 0.030 | 0.290 | 0.005 | 0.485 | 223.0 | 2.1 | | 221 |
| 22 | 04 | 76 | 1510 | | | .3 | | 0.031 | 0.007 | 0.020 | 0.350 | 0.006 | 0.249 | 216.0 | 8.0 | | |
| 18 | 05 | 76 | 1250 | | | .3 | | 0.017 | 0.002 | 0.016 | 0.430 | 0.003 | 0.262 | 208.0 | 4.6 | | |
| 15 | 06 | 76 | 1010 | | | .3 | | 0.040 | 0.007 | 0.030 | 0.640 | 0.004 | 0.161 | 205.0 | 3.2 | | |
| 20 | 07 | 76 | 1405 | | | .3 | | 0.030 | 0.011 | 0.006 | 0.290 | 0.004 | 0.911 | 205.0 | 7.0 | | |
| 19 | 08 | 76 | 1355 | | | .3 | | 0.042 | 0.001 | 0.028 | 0.560 | 0.004 | 0.056 | 209.0 | 4.3 | | |
| 29 | 09 | 76 | 1350 | | | .3 | | 0.027 | 0.006 | 0.006 | 0.400 | 0.004 | 0.106 | 223.0 | 12.0 | | |
| 19 | 10 | 76 | 1230 | | | .3 | | 0.023 | 0.006 | 0.024 | 0.310 | 0.003 | 0.117 | 208.0 | 6.2 | | |
| 24 | 11 | 76 | 1155 | | | .3 | | 0.042 | 0.006 | 0.012 | 0.300 | 0.001 | 0.149 | 235.0 | 27.0 | | |
| MAXIMUM | | | | | | | | 0.042 | 0.011 | 0.030 | 0.640 | 0.006 | 0.911 | 257.0 | 27.0 | | 231 |
| AVG OR GEOM MN (*) | | | | | | | | 0.028 | 0.006 | 0.019 | 0.375 | 0.004 | 0.277 | 218.8 | 9.4 | | 222 |
| MINIMUM | | | | | | | | 0.015 | 0.001 | 0.006 | 0.270 | 0.001 | 0.056 | 205.0 | 2.1 | | 215 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | 3 |
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 | 01 | 76 | 1500 | | | .3 | | 355 | 13.00 | 24.0 | | | | | | | |
| 23 | 02 | 76 | 1215 | | | .3 | | 330 | 2.60 | 23.0 | | | | | | | |
| 16 | 03 | 76 | 1400 | | | .3 | | 340 | 3.50 | 22.0 | | | | | | | |
| 22 | 04 | 76 | 1510 | | | .3 | | 320 | 7.40 | 20.5 | | | | | | | |
| 18 | 05 | 76 | 1250 | | | .3 | | 320 | 3.30 | 20.5 | | | | | | | |
| 15 | 06 | 76 | 1010 | | | .3 | | 312 | 3.20 | 22.5 | | | | | | 8.50 | |
| 20 | 07 | 76 | 1405 | | | .3 | | 305 | 5.40 | 21.0 | | | | | | 8.48 | |
| 19 | 08 | 76 | 1355 | | | .3 | | 315 | 2.00 | 21.5 | | | | | | 8.27 | |
| 29 | 09 | 76 | 1350 | | | .3 | | 325 | 10.00 | 21.5 | | | | | | 8.27 | |
| 19 | 10 | 76 | 1230 | | | .3 | | 310 | 3.40 | 22.0 | | | | | | | |
| 24 | 11 | 76 | 1155 | | | .3 | | 320 | 27.00 | 23.5 | | | | | | | |
| MAXIMUM | | | | | | | | 355 | 27.00 | 24.0 | | | | | | 8.67 | |
| AVG OR GEOM MN (*) | | | | | | | | 323 | 7.35 | 22.0 | | | | | | 8.44 | |
| MINIMUM | | | | | | | | 305 | 2.00 | 20.5 | | | | | | 8.27 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | 5 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 22 | 01 | 76 | 1500 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 02 | 76 | 1215 | | | .3 | | 1.0L | | | | | | | | | |
| 16 | 03 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 04 | 76 | 1510 | | | .3 | | 1.0L | | | | | | | | | |
| 18 | 05 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 06 | 76 | 1010 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 07 | 76 | 1405 | | | .3 | | 1.0L | | | | | | | | | |
| 19 | 08 | 76 | 1355 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | | | |
| 19 | 10 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | | | |
| 24 | 11 | 76 | 1155 | | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM 1.0
 AVG OR GEOM MN (*) 1.0D
 MINIMUM 1.0
 NO OF SAMPLES 10

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT LAKEPORT ROAD ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

STN NO 1 LAT LONG U.T.M. 17 0640900.0 4784440.0 4 REGION 02 MILEAGE 0.80

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 1205 | | | .3 | | 31329 | 4 | | | | | | 0.0 | 17.2 | 1.0 |
| 12 | 02 | 76 | 1405 | | | .3 | | 31369 | 6 | | 800. | 510. | 50. | | 0.5 | 15.1 | 2.0 |
| 23 | 03 | 76 | 1440 | | | .3 | | 31409 | 6 | | 500. | 1. | 32. | | 2.0 | 15.2 | 2.2 |
| 22 | 04 | 76 | 1210 | | | .3 | | 31449 | 6 | | 2400. | 788. | 124. | | 9.0 | 8.8 | 3.8 |
| 17 | 05 | 76 | 1320 | | | .3 | | 31489 | 6 | | 19000. | 460. | 1500. | G | 13.0 | 10.5 | 1.6 |
| 29 | 06 | 76 | 1320 | | | .3 | | 31528 | 6 | | 5300. | | 100. | | 20.0 | 7.9 | 2.0 |
| 27 | 07 | 76 | 1240 | | | .3 | | 31568 | 6 | | 1600. | | 100. | | 23.5 | 7.5 | 5.9 |
| 25 | 08 | 76 | 1120 | | | .3 | | 31605 | 6 | | 7000. | 1600. | 210. | | 22.5 | 7.9 | 3.6 |
| 29 | 09 | 76 | 1150 | | | .3 | | 31642 | 6 0 | | 3000. | 1000. | 520. | | 16.0 | 8.3 | 1.6 |
| 21 | 10 | 76 | 1215 | | | .3 | | 31680 | 6 | | 2900. | 270. | 260. | | 10.4 | 8.0 | 2.0 |
| 30 | 11 | 76 | 1115 | | | .3 | | 31724 | 6 | | 1500. | 1000. | 80. | | 0.5 | 12.9 | 3.0 |
| 16 | 12 | 76 | 1330 | | | .3 | | 31764 | 4 | | 2300. | 70. | 10. | | 0.0 | 13.5 | 2.2 |

MAXIMUM 19000. 1600. 1500.
 AVG OR GEOM MN (*) 2571.* 261.* 119.* U
 MINIMUM 500. 1. 10.
 NO OF SAMPLES 11 9 11

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1205 | | | .3 | | 0.023 | 0.004 | 0.020 | 0.290 | 0.004 | 0.250 | 222.0 | 11.0 | | 211 |
| 12 | 02 | 76 | 1405 | | | .3 | | 0.030 | 0.009 | 0.035 | 0.440 | 0.004 | 0.261 | 224.0 | 6.7 | | 218 |
| 23 | 03 | 76 | 1440 | | | .3 | | 0.026 | 0.006 | 0.008 | 0.380 | 0.006 | 0.504 | 229.0 | 11.0 | | 218 |
| 22 | 04 | 76 | 1210 | | | .3 | | 0.053 | 0.006 | 0.006 | 0.510 | 0.008 | 0.257 | 230.0 | 19.0 | | 211 |
| 17 | 05 | 76 | 1320 | | | .3 | | 0.190 | 0.022 | 0.028 | 0.740 | 0.020 | 0.425 | 303.0 | 82.0 | | 221 |
| 29 | 06 | 76 | 1320 | | | .3 | | 0.040 | 0.004 | 0.002L | 0.320 | 0.004 | 0.191 | 245.0 | 27.0 | | 218 |
| 27 | 07 | 76 | 1240 | | | .3 | | 0.040 | 0.002 | 0.014 | 0.420 | 0.004 | 0.076 | 234.0 | 16.0 | | 218 |
| 25 | 08 | 76 | 1120 | | | .3 | | 0.042 | 0.001 | 0.004 | 0.280 | 0.001 | 0.005L | 221.0 | 16.0 | | 205 |
| 29 | 09 | 76 | 1150 | | | .3 | | 0.040 | 0.002 | 0.010 | 0.380 | 0.004 | 0.131 | 254.0 | 33.0 | | 221 |
| 21 | 10 | 76 | 1215 | | | .3 | | 0.041 | 0.002 | 0.004 | 0.330 | 0.004 | 0.081 | 239.0 | 24.0 | | 215 |
| 30 | 11 | 76 | 1115 | | | .3 | | 0.035 | 0.005 | 0.004 | 0.250 | 0.003 | 0.152 | 236.0 | 18.0 | | 218 |
| 16 | 12 | 76 | 1330 | | | .3 | | 0.036 | 0.003 | 0.002L | 0.340 | 0.004 | 0.081 | 237.0 | 13.0 | | 224 |

MAXIMUM 0.190 0.022 0.035 0.740 0.020 0.504 303.0 82.0
 AVG OR GEOM MN (*) 0.050 0.006 0.011D 0.390 0.006 0.201D 239.5 23.1
 MINIMUM 0.023 0.001 0.002 0.250 0.001 0.005 221.0 6.7
 NO OF SAMPLES 12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1205 | | | .3 | | 325 | 14.00 | 25.0 | 29.0 | | | | | | |
| 12 | 02 | 76 | 1405 | | | .3 | | 335 | 5.00 | 25.0 | 28.0 | | | | | | |
| 23 | 03 | 76 | 1440 | | | .3 | | 335 | 7.30 | 23.0 | 35.0 | 0.30 | | | 8.00 | 0.35 | |
| 22 | 04 | 76 | 1210 | | | .3 | | 325 | 16.00 | 21.0 | 29.0 | 0.05L | | | 8.10 | | 0.850 |
| 17 | 05 | 76 | 1320 | | | .3 | | 340 | 73.00 | 21.0 | 35.0 | 0.40 | | | 8.04 | | 4.400 |
| 29 | 06 | 76 | 1320 | | | .3 | | 335 | 25.00 | 22.5 | 31.0 | 0.10 | | | 8.08 | | 0.730 |
| 27 | 07 | 76 | 1240 | | | .3 | | 335 | 14.00 | 22.0 | 32.0 | 0.25 | | | 8.13 | | 0.730 |
| 25 | 08 | 76 | 1120 | | | .3 | | 315 | 15.00 | 22.0 | 32.5 | 0.20 | | | 7.79 | | 0.670 |
| 29 | 09 | 76 | 1150 | | | .3 | | 340 | 26.00 | 23.0 | 38.0 | 0.25 | | | 8.04 | | 0.900 |
| 21 | 10 | 76 | 1215 | | | .3 | | 330 | 20.00 | 22.5 | 32.0 | 0.30 | | | 7.95 | | 0.790 |
| 30 | 11 | 76 | 1115 | | | .3 | | 335 | 17.00 | 22.5 | 31.0 | 0.05 | | | 8.20 | | 0.560 |
| 16 | 12 | 76 | 1330 | | | .3 | | 345 | 16.00 | 25.0 | 36.5 | 0.10 | | | 8.10 | | 0.500 |

MAXIMUM 345 73.00 25.0 38.0 0.40
 AVG OR GEOM MN (*) 333 20.69 22.9 32.4 0.20D
 MINIMUM 315 5.00 21.0 28.0 0.05
 NO OF SAMPLES 12 12 12 10 10 1 9

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 22 | 01 | 76 | 1205 | | .3 | | | | | | | | | | | |
| 12 | 02 | 76 | 1405 | | .3 | | | | | | | | | | | |
| 23 | 03 | 76 | 1440 | | .3 | | 16.0 | | | | | | | 1 | 16 | 1 |
| 22 | 04 | 76 | 1210 | | .3 | | 1.0 | | | | | | | 10 | 31 | |
| 17 | 05 | 76 | 1320 | | .3 | | 1.0L | | | | | | | 6 | 12 | |
| 29 | 06 | 76 | 1320 | | .3 | | 2.0 | | | | | | | 6 | 22 | |
| 27 | 07 | 76 | 1240 | | .3 | | 1.0L | | | | | | | 298 | 650 | 1 |
| 25 | 08 | 76 | 1120 | | .3 | | 2.0 | | | | | | | 6 | 12 | |
| 29 | 09 | 76 | 1150 | | .3 | | 10.0 | | | | | | | 8 | 10L | |
| 21 | 10 | 76 | 1215 | | .3 | | 13.0 | | | | | | | 4 | 10 | 2 |
| 30 | 11 | 76 | 1115 | | .3 | | 32.0 | | | | | | | 7 | 35 | |
| 16 | 12 | 76 | 1330 | | .3 | | 16.0 | | | | | | | 5 | 14 | |

| | | | | | | | |
|--------------------|------|--|--|--|-----|-----|---|
| MAXIMUM | 32.0 | | | | 298 | 650 | 2 |
| AVG OR GEOM MN (*) | 9.40 | | | | 35 | 810 | 1 |
| MINIMUM | 1.0 | | | | 1 | 10 | 1 |

| | | | | | | | |
|---------------|----|--|--|--|----|----|---|
| NO OF SAMPLES | 10 | | | | 10 | 10 | 3 |
|---------------|----|--|--|--|----|----|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 23 | 03 | 76 | 1440 | | .3 | | 0.001L | 0.140L | | 0.020L | 0.020L | 0.010L | 0.010L | 0.040 | | 0.010L |
| 27 | 07 | 76 | 1240 | | .3 | | 0.002 | 0.060L | | 0.010L | 0.020 | 0.010L | 0.010L | 0.010 | | 0.010L |
| 21 | 10 | 76 | 1215 | | .3 | | 0.001L | 0.030L | | 0.050 | 0.010L | 0.010L | 0.005L | 0.010 | | 0.030 |

| | | | | | | | | | | | |
|--------------------|--------|--------|--|--|--------|--------|--------|--------|-------|--|--------|
| MAXIMUM | 0.002 | 0.140 | | | 0.050 | 0.020 | 0.010 | 0.010 | 0.040 | | 0.030 |
| AVG OR GEOM MN (*) | 0.0010 | 0.0770 | | | 0.0270 | 0.0170 | 0.0100 | 0.0080 | 0.020 | | 0.0170 |
| MINIMUM | 0.001 | 0.030 | | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |

| | | | | | | | | | | | |
|---------------|---|---|--|--|---|---|---|---|---|--|---|
| NO OF SAMPLES | 3 | 3 | | | 3 | 3 | 3 | 3 | 3 | | 3 |
|---------------|---|---|--|--|---|---|---|---|---|--|---|

B.O.W. / SITE: TWELVE MILE CREEK
SAMPLE POINT: WELLANDVALE AVE ST CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

| | | | | | | | | | | | | |
|--------|---|-----|------|--------|----|-----------|-----------|---|--------|----|---------|------|
| STN NO | 2 | LAT | LONG | U.T.M. | 17 | 0641375.0 | 4779900.0 | 4 | REGION | 02 | MILEAGE | 3.40 |
|--------|---|-----|------|--------|----|-----------|-----------|---|--------|----|---------|------|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 22 | 01 | 76 | 1100 | | .3 | | 31325 | 6 | | | | | | 0.0 | 17.3 | 0.8 |
| 12 | 02 | 76 | 1215 | | .3 | | 31365 | 6 | | 900. | 240. | 50. | | 1.5 | 14.9 | 1.2 |
| 16 | 03 | 76 | 0955 | | .3 | | 31405 | 6 | | 1890. | 40. | 80. | | 0.0 | 15.8 | 2.0 |
| 22 | 04 | 76 | 1035 | | .3 | | 31445 | 6 9 0 | | 16000. | 340. | 170. | | 7.5 | 9.6 | 3.8 |
| 18 | 05 | 76 | 1000 | | .3 | | 31485 | 6 9 0 | | 14100. | 760. | 940. | | 11.5 | 11.5 | 2.4 |
| 29 | 06 | 76 | 1110 | | .3 | | 31524 | 6 0 | | 3700. | | 100. | | 19.0 | 9.2 | 4.4 |
| 27 | 07 | 76 | 1100 | | .3 | | 31564 | 6 0 | | 10000. | | 100. | | 21.0 | 9.1 | 2.0 |
| 25 | 08 | 76 | 1000 | | .3 | | 31601 | 6 | | 1500. | 10. | 20. | | 22.0 | 8.6 | 2.6 |
| 29 | 09 | 76 | 1030 | | .3 | | 31638 | 6 | | 1000. | 1000. | 130. | | 15.5 | 9.0 | 1.4 |
| 21 | 10 | 76 | 1055 | | .3 | | 31676 | 6 | | 2600. | 220. | 90. | | 9.8 | 8.5 | 2.4 |
| 30 | 11 | 76 | 1025 | | .3 | | 31720 | 6 0 | | 7300. | 1300. | 20. | | 2.0 | 12.4 | 2.0 |
| 16 | 12 | 76 | 1115 | | .3 | | 31760 | 6 | | 11000. | 380. | 80. | | 0.0 | 13.7 | 4.8 |

| | | | | | | | | | | | |
|--------------------|--|--|--|--|--------|-------|------|--|------|------|-----|
| MAXIMUM | | | | | 16000. | 1300. | 940. | | 22.0 | 17.3 | 4.8 |
| AVG OR GEOM MN (*) | | | | | 4021.* | 241.* | 88.* | | 9.2 | 11.6 | 2.5 |
| MINIMUM | | | | | 900. | 10. | 20. | | 0.0 | 8.5 | 0.8 |

| | | | | | | | | | | | |
|---------------|--|--|--|--|----|---|----|--|----|----|----|
| NO OF SAMPLES | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |
|---------------|--|--|--|--|----|---|----|--|----|----|----|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1100 | | .3 | | 0.023 | 0.005 | 0.010 | 0.300 | 0.003 | 0.250 | 227.0 | 12.0 | | 215 |
| 12 | 02 | 76 | 1215 | | .3 | | 0.022 | 0.007 | 0.040 | 0.400 | 0.003 | 0.712 | 222.0 | 4.5 | | 218 |
| 16 | 03 | 76 | 0955 | | .3 | | 0.029 | 0.009 | 0.034 | 0.360 | 0.006 | 0.399 | 223.0 | 4.9 | | 218 |
| 22 | 04 | 76 | 1035 | | .3 | | 0.054 | 0.007 | 0.014 | 0.400 | 0.007 | 0.258 | 248.0 | 20.0 | | |
| 18 | 05 | 76 | 1000 | | .3 | | 0.072 | 0.009 | 0.012 | 0.460 | 0.008 | 0.281 | 260.0 | 39.0 | | |
| 29 | 06 | 76 | 1110 | | .3 | | 0.057 | 0.003 | 0.008 | 0.540 | 0.004 | 0.156 | 251.0 | 36.0 | | |
| 27 | 07 | 76 | 1100 | | .3 | | 0.050 | 0.003 | 0.008 | 0.480 | 0.004 | 0.121 | 240.0 | 32.0 | | |
| 25 | 08 | 76 | 1000 | | .3 | | 0.008 | 0.003 | 0.002 | 0.500 | 0.004 | 0.071 | 235.0 | 29.0 | | |
| 29 | 09 | 76 | 1030 | | .3 | | 0.048 | 0.006 | 0.010 | 0.400 | 0.060 | 0.060 | 240.0 | 29.0 | | |
| 21 | 10 | 76 | 1055 | | .3 | | 0.037 | 0.003 | 0.002 | 0.330 | 0.004 | 0.086 | 275.0 | 25.0 | | |
| 30 | 11 | 76 | 1025 | | .3 | | 0.025 | 0.005 | 0.014 | 0.300 | 0.002 | 0.148 | 232.0 | 17.0 | | |
| 16 | 12 | 76 | 1115 | | .3 | | 0.060 | 0.015 | 0.032 | 0.340 | 0.004 | 0.136 | 266.0 | 38.0 | | |

| | | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|------|--|-----|
| MAXIMUM | 0.072 | 0.015 | 0.040 | 0.540 | 0.060 | 0.712 | 275.0 | 39.0 | | 218 |
| AVG OR GEOM MN (*) | 0.040 | 0.006 | 0.016 | 0.401 | 0.009 | 0.223 | 243.3 | 23.9 | | 217 |
| MINIMUM | 0.008 | 0.003 | 0.002 | 0.300 | 0.002 | 0.060 | 222.0 | 4.5 | | 215 |

| | | | | | | | | | | |
|---------------|----|----|----|----|----|----|----|----|--|---|
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |
|---------------|----|----|----|----|----|----|----|----|--|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1100 | | | .3 | | 330 | 8.20 | 23.5 | 28.0 | | | | | | |
| 12 | 02 | 76 | 1215 | | | .3 | | 335 | 5.50 | 25.0 | 28.0 | | | | | | |
| 16 | 03 | 76 | 0955 | | | .3 | | 335 | 5.50 | 22.5 | 31.0 | | | | | | |
| 22 | 04 | 76 | 1035 | | | .3 | | 315 | 17.00 | 21.0 | 29.5 | | | | | | |
| 18 | 05 | 76 | 1000 | | | .3 | | 340 | 25.00 | 21.5 | 35.0 | | | | | | |
| 29 | 06 | 76 | 1110 | | | .3 | | 330 | 19.00 | 23.0 | 29.0 | | | | 8.41 | | |
| 27 | 07 | 76 | 1100 | | | .3 | | 320 | 17.00 | 22.0 | 28.0 | | | | 8.41 | | |
| 25 | 08 | 76 | 1000 | | | .3 | | 315 | 12.00 | 22.0 | 30.0 | | | | 8.12 | | |
| 29 | 09 | 76 | 1030 | | | .3 | | 325 | 26.00 | 23.0 | 23.5 | | | | 8.14 | | |
| 21 | 10 | 76 | 1055 | | | .3 | | 385 | 18.00 | 24.0 | 32.0 | | | | 8.10 | | |
| 30 | 11 | 76 | 1025 | | | .3 | | 330 | 18.00 | 23.0 | 28.5 | | | | 8.05 | | |
| 16 | 12 | 76 | 1115 | | | .3 | | 350 | 38.00 | 25.0 | 39.5 | | | | | | |
| MAXIMUM | | | | | | | | 385 | 38.00 | 25.0 | 39.5 | | | | 8.41 | | |
| AVG OR GEOM MN (*) | | | | | | | | 334 | 17.43 | 23.0 | 30.2 | | | | 8.21 | | |
| MINIMUM | | | | | | | | 315 | 5.50 | 21.0 | 23.5 | | | | 8.05 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | | | | 6 | | |

B.O.W./ SITE: OLD WELLAND CANAL
SAMPLE POINT: AT GLENRIDGE AVE ST. CATHARINES
STATION TYPE: RIVER

STATION ID: 06-0017-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
004
5130

| STN NO | 3 | LAT | LONG | U.T.M. 17 0642550.0 4779100.0 4 | REGION 02 | MILEAGE | 4.40 | | | | | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|--------------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|----------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1120 | | | .3 | | 31328 | 6 | | | | | | 0.5 | 16.5 | 5.4 |
| 12 | 02 | 76 | 1255 | | | .3 | | 31368 | 6 | | | | | | 0.5 | 13.9 | 6.0 |
| 16 | 03 | 76 | 1055 | | | .3 | | 31408 | 6 9 0 | | 60000. | 16000. | 2400. | | 4.5 | 8.1 | 70 0 |
| 22 | 04 | 76 | 1125 | | | .3 | | 31448 | 6 9 0 | | 11000E+2 | 100. L | 3200. | | 14.0 | 0.6 | 150.0 |
| 17 | 05 | 76 | 1200 | | | .3 | | 31488 | 6 9 0 | | 11000E+2 | 1000. | 16000. | | 18.5 | 3.2 | 60 0 |
| 29 | 06 | 76 | 1205 | | | .3 | | 31527 | 6 9 0 | | 19000E+1 | | 6000. | | 24.0 | 2.5 | 170.0 |
| 27 | 07 | 76 | 1140 | | | .3 | | 31567 | 6 9 0 | | 20000E+1 | | 2100. | | 26.5 | 1.0 | 63.0 |
| 25 | 08 | 76 | 1100 | | | .3 | | 31604 | 6 0 | | 11000E+1 | 100. L | 1900. | | 27.5 | 2.3 | 78.0 |
| 29 | 09 | 76 | 1115 | | | .3 | | 31641 | 6 9 0 | | 15000E+1 | 13100E+1 | 1000. | | 22.0 | 1.8 | 100.0 |
| 21 | 10 | 76 | 1135 | | | .3 | | 31679 | 6 9 0 | | 11000E+1 | 37000. | 2200. | | 14.7 | 7.5 | 78.0 |
| 30 | 11 | 76 | 1100 | | | .3 | | 31723 | 6 9 0 | | 11000E+1 | 65000. | 13300. | | 8.5 | 5.3 | 95.0 |
| 16 | 12 | 76 | 1210 | | | .3 | | 31763 | 6 9 0 | | 36000E+1 | 35000. | 6000. | | 8.0 | 4.6 | 240.0 |
| MAXIMUM | | | | | | | | | | | 11000E+2 | 13100E+1 | 16000. | | 27.5 | 16.5 | 240.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 22164E+* | 4671. - D | 3947. * | | 14.1 | 5.6 | 93.0 |
| MINIMUM | | | | | | | | | | | 60000. | 100. | 1000. | | 0.5 | 0.6 | 5.4 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1120 | | | .3 | | 0.073 | 0.002 | 0.010L | 0.670 | 0.006 | 0.240 | 268.0 | 18.0 | | 250 |
| 12 | 02 | 76 | 1255 | | | .3 | | 0.063 | 0.015 | 0.110 | 0.600 | 0.010 | 0.395 | 276.0 | 14.0 | | |
| 16 | 03 | 76 | 1055 | | | .3 | | 0.145 | 0.038 | 0.200 | 1.250 | 0.022 | 0.088 | 768.0 | 133.0 | | |
| 22 | 04 | 76 | 1125 | | | .3 | | 0.340 | 0.105 | 0.210 | 1.700 | 0.056 | 0.064 | 860.0 | 122.0 | | |
| 17 | 05 | 76 | 1200 | | | .3 | | 0.210 | 0.018 | 0.020 | 2.400 | 0.016 | 0.059 | 828.0 | 90.0 | | |
| 29 | 06 | 76 | 1205 | | | .3 | | 0.125 | 0.026 | 0.070 | 2.750 | 0.011 | 0.014 | 954.0 | 94.0 | | |
| 27 | 07 | 76 | 1140 | | | .3 | | 0.170 | 0.007 | 0.006 | 1.500 | 0.002 | 0.005L | 631.0 | 129.0 | | |
| 25 | 08 | 76 | 1100 | | | .3 | | 0.060 | 0.010 | 0.022 | 2.600 | 0.018 | 0.017 | 561.0 | 70.0 | | |
| 29 | 09 | 76 | 1115 | | | .3 | | 0.100 | 0.016 | 0.004 | 1.700 | 0.033 | 0.005L | 725.0 | 102.0 | | |
| 21 | 10 | 76 | 1135 | | | .3 | | 0.130 | 0.017 | 0.022 | 0.900 | 0.015 | 0.035 | 719.0 | 105.0 | | |
| 30 | 11 | 76 | 1100 | | | .3 | | 0.100 | 0.010 | 0.020 | 4.000 | 0.015 | 0.035 | 839.0 | 99.0 | | |
| 16 | 12 | 76 | 1210 | | | .3 | | 0.261 | 0.065 | 0.194 | 3.060 | 0.068 | 0.022 | 1593.0 | 126.0 | | |
| MAXIMUM | | | | | | | | 0.340 | 0.105 | 0.210 | 4.000 | 0.068 | 0.395 | 1593.0 | 133.0 | | 250 |
| AVG OR GEOM MN (*) | | | | | | | | 0.148 | 0.027 | 0.074D | 1.928 | 0.023 | 0.082D | 751.8 | 91.8 | | 250 |
| MINIMUM | | | | | | | | 0.060 | 0.002 | 0.004 | 0.600 | 0.002 | 0.005 | 268.0 | 14.0 | | 250 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1120 | | | .3 | | 385 | 20.00 | 34.5 | 34.0 | | | | | | |
| 12 | 02 | 76 | 1255 | | | .3 | | 460 | 9.50 | 47.5 | 45.0 | | | | | | |
| 16 | 03 | 76 | 1055 | | | .3 | | 770 | 110.00 | 40.0 | 205.0 | | | | | | |
| 22 | 04 | 76 | 1125 | | | .3 | | 550 | 230.00 | 39.5 | 113.0 | | | | | | |
| 17 | 05 | 76 | 1200 | | | .3 | | 900 | 85.00 | 33.0 | 188.0 | | | | | | |
| 29 | 06 | 76 | 1205 | | | .3 | | 640 | 59.00 | 37.0 | 125.0 | | | | 7.86 | | |
| 27 | 07 | 76 | 1140 | | | .3 | | 670 | 83.00 | 31.0 | 160.0 | | | | 7.66 | | |
| 25 | 08 | 76 | 1100 | | | .3 | | 640 | 40.00 | 32.0 | 165.0 | | | | 7.67 | | |
| 29 | 09 | 76 | 1115 | | | .3 | | 760 | 100.00 | 32.0 | 205. | | | | 7.31 | | |
| 21 | 10 | 76 | 1135 | | | .3 | | 820 | 80.00 | 34.0 | 213.0 | | | | 7.37 | | |
| 30 | 11 | 76 | 1100 | | | .3 | | 950 | 96.00 | 33.5 | 260.0 | | | | 7.50 | | |
| 16 | 12 | 76 | 1210 | | | .3 | | 1600 | 100.00 | 50.0 | 410. | | | | | | |
| MAXIMUM | | | | | | | | 1600 | 230.00 | 50.0 | 410. | | | | 7.86 | | |
| AVG OR GEOM MN (*) | | | | | | | | 762 | 84.38 | 37.0 | 176.9 | | | | 7.56 | | |
| MINIMUM | | | | | | | | 385 | 9.50 | 31.0 | 34.0 | | | | 7.31 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | | | | 6 | | |

B.O.W./ SITE: TWELVE MILE CREEK
 SAMPLE POINT: AT GLENDALE AVE. ST CATHARINES
 STATION TYPE: RIVER

STATION ID: 06-0017-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

STN NO 4 LAT LONG U.T.M. 17 0642275.0 4776950.0 4 REGION 02 MILEAGE 5.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 1110 | | | .3 | | 31326 | 6 | | | | | | 0.0 | 16.7 | 0.4 |
| 12 | 02 | 76 | 1225 | | | .3 | | 31366 | 6 | | 300. | 10. | L | 40. | 0.5 | 14.6 | 1.4 |
| 16 | 03 | 76 | 1010 | | | .3 | | 31406 | 6 | | 150. | 10. | L | 10. | 0.0 | 15.7 | 1.6 |
| 22 | 04 | 76 | 1050 | | | .3 | | 31446 | 6 | | 400. | 1. | | 16. | 7.5 | 10.1 | 1.8 |
| 18 | 05 | 76 | 1010 | | | .3 | | 31486 | 6 | | 1600. | 1. | | 600. | 11.5 | 12.5 | 1.8 |
| 29 | 06 | 76 | 1130 | | | .3 | | 31525 | 6 | | 200. | | | 100. | 19.0 | 8.8 | 1.4 |
| 27 | 07 | 76 | 1110 | | | .3 | | 31565 | 6 | | 100. | | | 1. | 21.0 | 9.0 | 0.9 |
| 25 | 08 | 76 | 1015 | | | .3 | | 31602 | 6 | | 250. | 10. | | 30. | 22.5 | 8.6 | 1.6 |
| 29 | 09 | 76 | 1050 | | | .3 | | 31639 | 6 | | 800. | 80. | 20. | | 16.0 | 8.6 | 0.4 |
| 21 | 10 | 76 | 1110 | | | .3 | | 31677 | 6 | | 540. | 12. | 24. | | 9.8 | 8.5 | 1.0 |
| 30 | 11 | 76 | 1035 | | | .3 | | 31721 | 6 | | 430. | 28. | 8. | | 0.5 | 13.5 | 0.4 |
| 16 | 12 | 76 | 1130 | | | .3 | | 31761 | 6 9 | | 200. | 40. | 12. | | 0.0 | 13.7 | 1.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1600.
 332.*
 100.

22.5
 9.0
 0.0

NO OF SAMPLES

11 9 11 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1110 | | | .3 | | 0.019 | 0.005 | 0.020 | 0.290 | 0.004 | 0.240 | 220.0 | 9.0 | | 211 |
| 12 | 02 | 76 | 1225 | | | .3 | | 0.016 | 0.007 | 0.035 | 0.290 | 0.003 | 0.337 | 218.0 | 3.9 | | 215 |
| 16 | 03 | 76 | 1010 | | | .3 | | 0.025 | 0.008 | 0.030 | 0.310 | 0.006 | 0.424 | 216.0 | 4.9 | | 211 |
| 22 | 04 | 76 | 1050 | | | .3 | | 0.045 | 0.005 | 0.014 | 0.320 | 0.006 | 0.294 | 222.0 | 20.0 | | |
| 18 | 05 | 76 | 1010 | | | .3 | | 0.058 | 0.007 | 0.018 | 0.420 | 0.007 | 0.293 | 250.0 | 35.0 | | |
| 29 | 06 | 76 | 1130 | | | .3 | | 0.041 | 0.005 | 0.034 | 0.390 | 0.003 | 0.192 | 228.0 | 26.0 | | |
| 27 | 07 | 76 | 1110 | | | .3 | | 0.038 | 0.003 | 0.028 | 0.380 | 0.004 | 0.116 | 231.0 | 29.0 | | |
| 25 | 08 | 76 | 1015 | | | .3 | | 0.036 | 0.002 | 0.010 | 0.400 | 0.003 | 0.097 | 232.0 | 30.0 | | |
| 29 | 09 | 76 | 1050 | | | .3 | | 0.042 | 0.008 | 0.014 | 0.460 | 0.004 | 0.111 | 238.0 | 30.0 | | |
| 21 | 10 | 76 | 1110 | | | .3 | | 0.032 | 0.003 | 0.012 | 0.250 | 0.003 | 0.012 | 227.0 | 22.0 | | |
| 30 | 11 | 76 | 1035 | | | .3 | | 0.050 | 0.005 | 0.020 | 0.340 | 0.002 | 0.183 | 223.0 | 15.0 | | |
| 16 | 12 | 76 | 1130 | | | .3 | | 0.066 | 0.014 | 0.028 | 0.340 | 0.003 | 0.187 | 256.0 | 41.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.066 0.014 0.035 0.460 0.007 0.424 256.0 41.0
 0.039 0.006 0.022 0.349 0.004 0.207 230.1 22.2
 0.016 0.002 0.010 0.250 0.002 0.012 216.0 3.9

NO OF SAMPLES

12 12 12 12 12 12 12 12 3

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1110 | | | .3 | | 325 | 7.20 | 23.0 | 28.0 | | | | | | |
| 12 | 02 | 76 | 1225 | | | .3 | | 330 | 3.50 | 24.0 | 28.0 | | | | | | |
| 16 | 03 | 76 | 1010 | | | .3 | | 325 | 4.00 | 22.5 | 28.0 | | | | | | |
| 22 | 04 | 76 | 1050 | | | .3 | | 310 | 15.00 | 20.5 | 28.0 | | | | | | |
| 18 | 05 | 76 | 1010 | | | .3 | | 330 | 23.00 | 21.0 | 31.0 | | | | | | |
| 29 | 06 | 76 | 1130 | | | .3 | | 310 | 20.00 | 22.5 | 27.5 | | | | 8.40 | | |
| 27 | 07 | 76 | 1110 | | | .3 | | 310 | 15.00 | 21.5 | 25.0 | | | | 7.66 | | |
| 25 | 08 | 76 | 1015 | | | .3 | | 310 | 20.00 | 22.0 | 30.0 | | | | 8.36 | | |
| 29 | 09 | 76 | 1050 | | | .3 | | 320 | 30.00 | 22.0 | 21.0 | | | | 8.51 | | |
| 21 | 10 | 76 | 1110 | | | .3 | | 315 | 18.00 | 23.0 | 28.0 | | | | 8.17 | | |
| 30 | 11 | 76 | 1035 | | | .3 | | 320 | 18.00 | 22.5 | 25.5 | | | | 8.15 | | |
| 16 | 12 | 76 | 1130 | | | .3 | | 330 | 34.00 | 24.0 | 30.0 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

330 34.00 24.0 31.0 8.51
 320 17.31 22.4 27.5 8.21
 310 3.50 20.5 21.0 7.66

NO OF SAMPLES

12 12 12 12 6

B.O.W./ SITE: GIBSON LAKE
 SAMPLE POINT: AT BEAVER DAM ROAD
 STATION TYPE: LAKE

STATION ID: 06-0017-005-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWELVE MILE CREEK

STORET CODE: 02
 004
 5130

| STN NO | 5 | LAT | LONG | U.T.M. 17 0644200.0 4773250.0 4 | REGION 02 | MILEAGE | 10.10 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1125 | | .3 | | 31327 | 6 | | 140. | 30. | 10. | | 1.5 | 14.3 | 0.8 |
| 12 | 02 | 76 | 1240 | | .3 | | 31367 | 6 | | 60. | 10. | 10. | L | 0.5 | 14.8 | 2.0 |
| 16 | 03 | 76 | 1020 | | .3 | | 31407 | 6 | | 40. | 10. | 10. | | 0.0 | 15.6 | 0.2 |
| 22 | 04 | 76 | 1105 | | .3 | | 31447 | 6 | | 190. | 1. | 1. | | 7.0 | 9.8 | 1.8 |
| 17 | 05 | 76 | 1140 | | .3 | | 31487 | 6 | | 1300. | 120. | 388. | | 13.0 | 11.9 | 1.2 |
| 29 | 06 | 76 | 1150 | | .3 | | 31526 | 6 | | 600. | | 200. | | 19.0 | 7.5 | 1.8 |
| 27 | 07 | 76 | 1125 | | .3 | | 31566 | 6 | | 60. | | 1. | | 21.0 | 8.6 | 1.2 |
| 25 | 08 | 76 | 1035 | | .3 | | 31603 | 9 6 | | 390. | 4. | 8. | | 22.5 | 8.3 | 0.6 |
| 29 | 09 | 76 | 1100 | | .3 | | 31640 | 6 0 | | 370. | 20. | 1. | | 16.0 | 8.7 | 0.6 |
| 21 | 10 | 76 | 1120 | | .3 | | 31678 | 6 | | 840. | 16. | 16. | | 10.0 | 8.5 | 0.6 |
| 30 | 11 | 76 | 1045 | | .3 | | 31722 | 6 | | 160. | 4. | 4. | L | 0.5 | 12.3 | 1.0 |
| 16 | 12 | 76 | 1145 | | .3 | | 31762 | 6 | | 700. | 54. | 28. | | 0.0 | 13.7 | 1.2 |
| MAXIMUM | | | | | | | | | | 1300. | 120. | 388. | | 22.5 | 15.6 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 242.* | 13.* D | 10.* D | | 9.3 | 11.2 | 1.1 |
| MINIMUM | | | | | | | | | | 40. | 1. | 1. | | 0.0 | 7.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 | 01 | 76 | 1125 | | .3 | | 0.018 | 0.008 | 0.020 | 0.280 | 0.003 | 0.260 | 220.0 | 5.2 | | 215 |
| 12 | 02 | 76 | 1240 | | .3 | | 0.020 | 0.007 | 0.025 | 0.360 | 0.003 | 0.257 | 220.0 | 5.6 | | 215 |
| 16 | 03 | 76 | 1020 | | .3 | | 0.022 | 0.007 | 0.034 | 0.320 | 0.005 | 0.425 | 213.0 | 2.8 | | 211 |
| 22 | 04 | 76 | 1105 | | .3 | | 0.044 | 0.010 | 0.018 | 0.340 | 0.006 | 0.269 | 223.0 | 21.0 | | |
| 17 | 05 | 76 | 1140 | | .3 | | 0.068 | 0.007 | 0.024 | 0.480 | 0.007 | 0.268 | 241.0 | 30.0 | | |
| 29 | 06 | 76 | 1150 | | .3 | | 0.049 | 0.005 | 0.024 | 0.330 | 0.003 | 0.192 | 231.0 | 33.0 | | |
| 27 | 07 | 76 | 1125 | | .3 | | 0.044 | 0.002 | 0.024 | 0.580 | 0.003 | 0.107 | 220.0 | 18.0 | | |
| 25 | 08 | 76 | 1035 | | .3 | | 0.026 | 0.002 | 0.014 | 0.280 | 0.003 | 0.077 | 221.0 | 16.0 | | |
| 29 | 09 | 76 | 1100 | | .3 | | 0.052 | 0.004 | 0.014 | 0.120 | 0.004 | 0.121 | 238.0 | 33.0 | | |
| 21 | 10 | 76 | 1120 | | .3 | | 0.042 | 0.007 | 0.026 | 0.320 | 0.003 | 0.112 | 248.0 | 37.0 | | |
| 30 | 11 | 76 | 1045 | | .3 | | 0.036 | 0.007 | 0.016 | 0.220 | 0.003 | 0.122 | 221.0 | 13.0 | | |
| 16 | 12 | 76 | 1145 | | .3 | | 0.078 | 0.031 | 0.062 | 0.340 | 0.004 | 0.146 | 270.0 | 55.0 | | |
| MAXIMUM | | | | | | | 0.078 | 0.031 | 0.062 | 0.580 | 0.007 | 0.425 | 270.0 | 55.0 | | 215 |
| AVG OR GEOM MN (*) | | | | | | | 0.042 | 0.008 | 0.025 | 0.331 | 0.004 | 0.196 | 230.5 | 22.5 | | 214 |
| MINIMUM | | | | | | | 0.018 | 0.002 | 0.014 | 0.120 | 0.003 | 0.077 | 213.0 | 2.8 | | 211 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 | 01 | 76 | 1125 | | .3 | | 330 | 7.40 | 24.5 | 29.0 | | 5.7 | 100 | 7.30 | 0.30 | |
| 12 | 02 | 76 | 1240 | | .3 | | 330 | 3.80 | 24.5 | 28.0 | | 1.0 | 96 | 8.00 | 0.19 | |
| 16 | 03 | 76 | 1020 | | .3 | | 325 | 4.00 | 22.5 | 32.0 | | 0.0 | 98 | 8.20 | 0.20 | |
| 22 | 04 | 76 | 1105 | | .3 | | 310 | 16.00 | 21.0 | 27.0 | | 1.0 | 100 | 8.30 | | 0.720 |
| 17 | 05 | 76 | 1140 | | .3 | | 325 | 33.00 | 21.0 | 32.5 | | 0.5 | 97 | 8.46 | | 1.620 |
| 29 | 06 | 76 | 1150 | | .3 | | 305 | 19.00 | 22.5 | 28.0 | | 0.0 | 97 | 8.49 | | 1.100 |
| 27 | 07 | 76 | 1125 | | .3 | | 312 | 39.00 | 21.5 | 27.5 | | 0.0 | 97 | 8.41 | | 0.680 |
| 25 | 08 | 76 | 1035 | | .3 | | 315 | 9.00 | 22.0 | 31.0 | | 0.0 | 94 | 8.61 | | 0.450 |
| 29 | 09 | 76 | 1100 | | .3 | | 315 | 24.00 | 22.0 | 21.5 | | 1.9 | 96 | 8.26 | | 1.020 |
| 21 | 10 | 76 | 1120 | | .3 | | 325 | 27.00 | 22.5 | 27.5 | | 1.2 | 100 | 8.08 | | 1.600 |
| 30 | 11 | 76 | 1045 | | .3 | | 320 | 8.50 | 22.5 | 26.0 | | 4.4 | 100 | 8.10 | | 0.430 |
| 16 | 12 | 76 | 1145 | | .3 | | 330 | 42.00 | 24.5 | 30.0 | | 1.0 | 109 | 8.80 | | 0.780 |
| MAXIMUM | | | | | | | 330 | 42.00 | 24.5 | 32.5 | | 5.7 | 109 | 8.80 | 0.30 | 1.620 |
| AVG OR GEOM MN (*) | | | | | | | 320 | 19.39 | 22.6 | 28.3 | | 1.4 | 99 | 8.25 | 0.23 | 0.933 |
| MINIMUM | | | | | | | 305 | 3.80 | 21.0 | 21.5 | | 0.0 | 94 | 7.30 | 0.19 | 0.430 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | 12 | 12 | 12 | 3 | 9 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 26 | 01 | 76 | 1125 | | .3 | | | 137.0 | | | 10 | | | | | |
| 12 | 02 | 76 | 1240 | | .3 | | | 137.0 | | | 10 | | | | | |
| 16 | 03 | 76 | 1020 | | .3 | | | 135.0 | | | 5L | | | | | |
| 22 | 04 | 76 | 1105 | | .3 | | | 141.0 | | | 5L | | | | | |
| 17 | 05 | 76 | 1140 | | .3 | | | 132.0 | | | | | | | | |
| 29 | 06 | 76 | 1150 | | .3 | | | 129.0 | 38.00 | 8.50 | 5L | | | | | |
| 27 | 07 | 76 | 1125 | | .3 | | | 132.0 | 39.00 | 8.40 | 5 | | | | | |
| 25 | 08 | 76 | 1035 | | .3 | | | 126.0 | 37.00 | 8.50 | 10 | | | | | |
| 29 | 09 | 76 | 1100 | | .3 | | | 132.0 | 38.0 | 9.0 | 15 | | | | | |
| 21 | 10 | 76 | 1120 | | .3 | | | 140.0 | 42.50 | 8.00 | 15 | | | | | |
| 30 | 11 | 76 | 1045 | | .3 | | | 137.0 | 40.00 | 9.00 | 15 | | | | | |
| 16 | 12 | 76 | 1145 | | .3 | | | 146.0 | 43.00 | 9.50 | 15 | | | | | |
| MAXIMUM | | | | | | | | 146.0 | 43.00 | 9.50 | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 135.3 | 39.64 | 8.70 | 100 | | | | | |
| MINIMUM | | | | | | | | 126.0 | 37.00 | 8.00 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 7 | 7 | 11 | | | | | |

B.O.W. / SITE: TWENTY MILE CREEK
 SAMPLE POINT: 21 ST STREET LOUTH TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE FED 02HA006

STATION ID: 06-0024-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

| STN NO | 1 | LAT | LONG | U.T.M. 17 0632150.0 4778780.0 4 | REGION 02 | MILEAGE | 2.40 | | | | | | | | | |
|--------------------|--------|---------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 22 01 76 | 1035 | | | | .3 | | 31324 | 4 | 17.70 | | | | | 0.0 | 15.4 | 2.8 |
| 12 02 76 | 1155 | | | | .3 | | 31364 | 4 | 382.00 | 800. | 300. | 1600. | | 0.0 | 14.2 | 3.4 |
| 29 03 76 | 1100 | | | | .3 | | 31404 | 3 | 137.00 | 1000. | 10. L | 90. | | 6.0 | 13.1 | 3.2 |
| 22 04 76 | 1010 | | | | .3 | | 31444 | 6 | 10.60 | 200. | 10. L | 10. L | | 14.0 | 8.4 | 2.0 |
| 17 05 76 | 1040 | | | | .3 | | 31484 | 6 | 130.00 | 5000. | 100. L | 400. | | 16.5 | 9.3 | 2.2 |
| 29 06 76 | 1045 | | | | .3 | | 31523 | 6 8 | 5.60 | 300. | | 200. | | 21.0 | 7.5 | 1.2 |
| 27 07 76 | 1035 | | | | .3 | | 31563 | 5 8 | 5.70 | 210. | | 44. | | 25.0 | 7.1 | 0.6 |
| 24 08 76 | 1105 | | | | .3 | | 31600 | 5 8 | 0.60 | 240. | 36. | 40. | | 23.5 | 5.8 | 1.2 |
| 29 09 76 | 1015 | | | | .3 | | 31637 | 6 | 2.20 | 240. | 48. | 112. | | 11.5 | 8.5 | 0.6 |
| 21 10 76 | 1030 | | | | .3 | | 31675 | 6 | 2.80 | 80. | 8. | 48. | | 7.5 | 8.2 | 1.2 |
| 30 11 76 | 1005 | | | | .3 | | 31719 | 4 | 0.90 | 30. | 1. | 4. | | 0.0 | 12.6 | 1.4 |
| 16 12 76 | 1100 | | | | .3 | | 31759 | 4 | 2.00 | 30. | 2. L | 18. | | 0.0 | 12.3 | 1.2 |
| MAXIMUM | | | | | | | | | 382.00 | 5000. | 300. | 1600. | | 25.0 | 15.4 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 58.09 | 247.* | 16.* D | 64.* D | | 10.4 | 10.2 | 1.8 |
| MINIMUM | | | | | | | | | 0.60 | 30. | 1. | 4. | | 0.0 | 5.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 12 | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 01 76 | 1035 | | | | .3 | | 0.510 | 0.065 | 0.170 | 1.800 | 0.024 | 3.000 | 716.0 | 98.0 | | |
| 12 02 76 | 1155 | | | | .3 | | 0.255 | 0.115 | 0.580 | 1.680 | 0.032 | 2.520 | 392.0 | 17.0 | | |
| 29 03 76 | 1100 | | | | .3 | | 0.326 | 0.130 | 0.264 | 1.52 | 0.080 | 1.540 | 480.0 | 50.0 | 430 | |
| 22 04 76 | 1010 | | | | .3 | | 0.059 | 0.004 | 0.008 | 0.800 | 0.007 | 0.158 | | 6.2 | 487 | |
| 17 05 76 | 1040 | | | | .3 | | 0.298 | 0.120 | 0.108 | 1.520 | 0.072 | 1.680 | 453.0 | 67.0 | 386 | |
| 29 06 76 | 1045 | | | | .3 | | 0.215 | 0.170 | 0.002L | 0.530 | 0.001 | 0.005L | 542.0 | 1.8 | 540 | |
| 27 07 76 | 1035 | | | | .3 | | 0.034 | 0.005 | 0.006 | 1.080 | 0.002 | 0.005L | 623.0 | 2.9 | 620 | |
| 24 08 76 | 1105 | | | | .3 | | 0.076 | 0.035 | 0.016 | 0.900 | 0.002 | 0.008 | 612.0 | 17.0 | 595 | |
| 29 09 76 | 1015 | | | | .3 | | 0.020 | 0.008 | 0.002 | 0.650 | 0.001 | 0.019 | 677.0 | 1.4 | 676 | |
| 21 10 76 | 1030 | | | | .3 | | 0.023 | 0.007 | 0.040 | 0.460 | 0.002 | 0.005L | 641.0 | 1.7 | 639 | |
| 30 11 76 | 1005 | | | | .3 | | 0.018 | 0.003 | 0.002L | 0.550 | 0.002 | 0.005L | 1330.0 | 0.9 | 1329 | |
| 16 12 76 | 1100 | | | | .3 | | 0.021 | 0.003 | 0.002L | 0.600 | 0.002 | 0.053 | 1462.0 | 1.5 | 1460 | |
| MAXIMUM | | | | | | | 0.510 | 0.170 | 0.580 | 1.800 | 0.080 | 3.000 | 1462.0 | 98.0 | 1460 | |
| AVG OR GEOM MN (*) | | | | | | | 0.155 | 0.055 | 0.100D | 1.008 | 0.019 | 0.750D | 720.7 | 22.1 | 716 | |
| MINIMUM | | | | | | | 0.018 | 0.003 | 0.002 | 0.460 | 0.001 | 0.005 | 392.0 | 0.9 | 386 | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 12 | 10 | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 01 76 | 1035 | | | | .3 | | 900 | 37.00 | 55.0 | | | | | | | |
| 12 02 76 | 1155 | | | | .3 | | 520 | 58.00 | 49.0 | | | | | | | |
| 29 03 76 | 1100 | | | | .3 | | 465 | 140.00 | 27.0 | 80.0 | 1.8 | | 8.00 | | 9.3 | |
| 22 04 76 | 1010 | | | | .3 | | 700 | 5.40 | 43.0 | 160.0 | 0.15 | | 8.10 | | | 0.350 |
| 17 05 76 | 1040 | | | | .3 | | 445 | 100.00 | 19.0 | 70.0 | 2.10 | | 8.23 | | | 8.400 |
| 29 06 76 | 1045 | | | | .3 | | 760 | 2.10 | 51.5 | 188.0 | 0.25 | | 8.9 | | | 0.090 |
| 27 07 76 | 1035 | | | | .3 | | 900 | 2.00 | 79.0 | 260.0 | 0.40 | | 8.17 | | | 0.080 |
| 24 08 76 | 1105 | | | | .3 | | 860 | 2.70 | 90.0 | 200.0 | 0.40 | | 7.38 | | | 0.190 |
| 29 09 76 | 1015 | | | | .3 | | 950 | 2.00 | 85.0 | 240.0 | 1.25 | | 7.95 | | | 0.070 |
| 21 10 76 | 1030 | | | | .3 | | 940 | 1.20 | 70.0 | 233.0 | 0.85 | | 7.96 | | | 0.130 |
| 30 11 76 | 1005 | | | | .3 | | 1900 | 1.20 | 265.0 | 400.0 | 0.30 | | 8.00 | | | 0.100 |
| 16 12 76 | 1100 | | | | .3 | | 1950 | 1.50 | 235.0 | 525.0 | 0.40 | | 8.10 | | | 0.090 |
| MAXIMUM | | | | | | | 1950 | 140.00 | 265.0 | 525.0 | 2.10 | | 8.9 | | 9.3 | 8.400 |
| AVG OR GEOM MN (*) | | | | | | | 941 | 29.43 | 89.0 | 235.6 | 0.79 | | 8.08 | | 9.3 | 1.056 |
| MINIMUM | | | | | | | 445 | 1.20 | 19.0 | 70.0 | 0.15 | | 7.38 | | 9.3 | 0.070 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 10 | 10 | | 10 | | 1 | 9 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 22 01 76 | 1035 | | | | .3 | | | | | | | | | | | |
| 12 02 76 | 1155 | | | | .3 | | | | | | | | | | | |
| 29 03 76 | 1100 | | | | .3 | | 1.0L | | | | | | | 13 | 37 | 0 |
| 22 04 76 | 1010 | | | | .3 | | 1.0L | | | | | | | 9 | 28 | |
| 17 05 76 | 1040 | | | | .3 | | 1.0L | | | | | | | 12 | 32 | |
| 29 06 76 | 1045 | | | | .3 | | 1.0L | | | | | | | 11 | 26 | |
| 27 07 76 | 1035 | | | | .3 | | 1.0L | | | | | | | 17 | 30 | 1 |
| 24 08 76 | 1105 | | | | .3 | | 1.0L | | | | | | | 19 | 24 | |
| 29 09 76 | 1015 | | | | .3 | | 1.0 | | | | | | | 10 | 22 | |
| 21 10 76 | 1030 | | | | .3 | | 1.0L | | | | | | | 10 | 10 | 0 |
| 30 11 76 | 1005 | | | | .3 | | 1.0L | | | | | | | 8 | 49 | |
| 16 12 76 | 1100 | | | | .3 | | 1.0L | | | | | | | 8 | 23 | |
| MAXIMUM | | | | | | | 1.0 | | | | | | | 19 | 49 | 1 |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | | | | | | 12 | 28 | 0 |
| MINIMUM | | | | | | | 1.0 | | | | | | | 8 | 10 | 0 |
| NO OF SAMPLES | | | | | | | 10 | | | | | | | 10 | 10 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 29 | 03 | 76 | 1100 | | | .3 | | 0.002 | 0.050L | | 0.040L | 0.020L | 0.010L | 0.010L | 0.040 | | 0.010 |
| 27 | 07 | 76 | 1035 | | | .3 | | 0.002 | 0.060L | | 0.020 | 0.100 | 0.010L | 0.010L | 0.010 | | 0.010L |
| 21 | 10 | 76 | 1030 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.060 | | 0.040 | 0.100 | 0.010 | 0.010 | 0.040 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002D | 0.047D | | 0.027D | 0.043D | 0.010D | 0.008D | 0.020D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.030 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: TWENTY MILE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF SMITHVILLE
STATION TYPE: RIVER

STATION ID: 06-0024-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
004
5040

STN NO 2 LAT LONG U.T.M. 17 0619070.0 4771750.0 4 REGION 02 MILEAGE 17.50

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 0945 | | | .3 | | 31322 | 4 | | | | | | 0.0 | 10.7 | 0.8 |
| 12 | 02 | 76 | 1100 | | | .3 | | 31352 | 4 | | 1000. | 1100. | 2400. | | 0.0 | 9.3 | 3.8 |
| 16 | 03 | 76 | 0920 | | | .3 | | 31402 | 3 | | 1180. | 50. | 100. | | 1.0 | 13.2 | 1.2 |
| 22 | 04 | 76 | 0935 | | | .3 | | 31442 | 6 | | 1100. | 10. L | 30. | | 15.0 | 7.9 | 3.2 |
| 17 | 05 | 76 | 0940 | | | .3 | | 31482 | 6 9 | | 6900. | 10. | 1500. G | | 17.0 | 6.9 | 1.6 |
| 29 | 06 | 76 | 0935 | | | .3 | | 31521 | 6 9 | | 11700. | | 2500. | | 22.0 | 7.1 | 1.4 |
| 27 | 07 | 76 | 0930 | | | .3 | | 31561 | 6 | | 6200. | | 2300. | | 23.0 | 5.4 | 1.2 |
| 24 | 08 | 76 | 1005 | | | .3 | | 31598 | 5 9 | | 400. | 68. | 200. | | 19.5 | 5.8 | 4.6 |
| 29 | 09 | 76 | 0945 | | | .3 | | 31635 | 5 | | 3700. | 268. | 100. L | | 10.0 | 10.8 | 1.8 |
| 21 | 10 | 76 | 0955 | | | .3 | | 31673 | 6 | | 13700. | 564. | 1510. | | 7.0 | 8.1 | 3.4 |
| 30 | 11 | 76 | 0935 | | | .3 | | 31717 | 4 | | 600. | 140. | 100. | | 0.0 | 14.9 | 1.6 |
| 16 | 12 | 76 | 1000 | | | .3 | | 31757 | 4 | | 1000. | 210. | 60. | | 0.0 | 9.5 | 2.0 |
| MAXIMUM | | | | | | | | | | | 13700. | 1100. | 2500. | | 23.0 | 14.9 | 4.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 2261.* | 106.* D | 355.* E | | 9.5 | 9.1 | 2.2 |
| MINIMUM | | | | | | | | | | | 400. | 10. | 30. | | 0.0 | 5.4 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 0945 | | | .3 | | 0.064 | 0.024 | 0.180 | 0.640 | 0.031 | 2.500 | 604.0 | 10.0 | | |
| 12 | 02 | 76 | 1100 | | | .3 | | 0.285 | 0.135 | 0.710 | 1.920 | 0.032 | 2.170 | 354.0 | 15.0 | | |
| 16 | 03 | 76 | 0920 | | | .3 | | 0.210 | 0.094 | 0.214 | 1.000 | 0.043 | 2.950 | 243.0 | 15.0 | | |
| 22 | 04 | 76 | 0935 | | | .3 | | 0.063 | 0.005 | 0.002L | 0.730 | 0.008 | 0.032 | 552.0 | 7.1 | | 228 |
| 17 | 05 | 76 | 0940 | | | .3 | | 0.286 | 0.110 | 0.148 | 1.720 | 0.075 | 1.420 | 421.0 | 75.0 | | |
| 29 | 06 | 76 | 0935 | | | .3 | | 0.208 | 0.110 | 0.210 | 0.880 | 0.087 | 1.770 | 882.0 | 22.0 | | |
| 27 | 07 | 76 | 0930 | | | .3 | | 0.068 | 0.007 | 0.070 | 0.980 | 0.003 | 0.052 | 1524.0 | 9.9 | | |
| 24 | 08 | 76 | 1005 | | | .3 | | 0.345 | 0.002 | 0.002 | 2.050 | 0.002 | 0.005L | 2133.0 | 26.0 | | |
| 29 | 09 | 76 | 0945 | | | .3 | | 0.117 | 0.053 | 7.200 | 8.100 | 0.540 | 5.060 | 2033.0 | 3.9 | | |
| 21 | 10 | 76 | 0955 | | | .3 | | 0.350 | 0.240 | 0.074 | 1.000 | 0.043 | 3.160 | 1187.0 | 6.8 | | |
| 30 | 11 | 76 | 0935 | | | .3 | | 0.110 | 0.044 | 0.032 | 0.740 | 0.015 | 0.555 | 2178.0 | 6.4 | | |
| 16 | 12 | 76 | 1000 | | | .3 | | 0.120 | 0.040 | 0.074 | 0.850 | 0.005 | 0.995 | 1448.0 | 5.4 | | |
| MAXIMUM | | | | | | | | 0.350 | 0.240 | 7.200 | 8.100 | 0.540 | 5.060 | 2178.0 | 75.0 | | 228 |
| AVG OR GEOM MN (*) | | | | | | | | 0.186 | 0.072 | 0.743D | 1.718 | 0.074 | 1.722D | 1129.9 | 16.9 | | 228 |
| MINIMUM | | | | | | | | 0.063 | 0.002 | 0.002 | 0.640 | 0.002 | 0.005 | 243.0 | 3.9 | | 228 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 0945 | | | .3 | | 880 | 4.80 | 44.0 | | | | | | | |
| 12 | 02 | 76 | 1100 | | | .3 | | 500 | 24.00 | 45.0 | | | | | | | |
| 16 | 03 | 76 | 0920 | | | .3 | | 350 | 100.00 | 16.5 | | | | | | | |
| 22 | 04 | 76 | 0935 | | | .3 | | 750 | 6.10 | 33.0 | | | | | | | |
| 17 | 05 | 76 | 0940 | | | .3 | | 470 | 80.00 | 18.0 | | | | | | | |
| 29 | 06 | 76 | 0935 | | | .3 | | 1160 | 18.00 | 128.0 | | | | | 7.79 | | |
| 27 | 07 | 76 | 0930 | | | .3 | | 2500 | 6.50 | 500.0 | | | | | 7.95 | | |
| 24 | 08 | 76 | 1005 | | | .3 | | 3100 | 9.20 | 670.0 | | | | | 7.79 | | |
| 29 | 09 | 76 | 0945 | | | .3 | | 2700 | 2.60 | 500.0 | | | | | 7.73 | | |
| 21 | 10 | 76 | 0955 | | | .3 | | 1650 | 7.80 | 245.0 | | | | | 7.98 | | |
| 30 | 11 | 76 | 0935 | | | .3 | | 2900 | 7.60 | 538.0 | | | | | 7.60 | | |
| 16 | 12 | 76 | 1000 | | | .3 | | 1800 | 5.00 | 120.0 | 585.0 | | | | | | |
| MAXIMUM | | | | | | | | 3100 | 100.00 | 670.0 | 585.0 | | | | 7.98 | | |
| AVG OR GEOM MN (*) | | | | | | | | 1563 | 22.63 | 238.1 | 585.0 | | | | 7.81 | | |
| MINIMUM | | | | | | | | 350 | 2.60 | 16.5 | 585.0 | | | | 7.60 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 1 | | | | 6 | | |

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: HIGHWAY 20 DOWNSTREAM OF SMITHVILLE
 STATION TYPE: RIVER

STATION ID: 06-0024-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5130

STN NO 4 LAT LONG U.T.M. 17 0621100.0 4770400.0 4 REGION 02 MILEAGE 15.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 1000 | | | .3 | | 31323 | 4 | | | | | | 0.0 | 11.6 | 1.2 |
| 12 | 02 | 76 | 1110 | | | .3 | | 31363 | 4 | | 2000. | 600. | 2800. | | 0.0 | 10.1 | 4.4 |
| 16 | 03 | 76 | 0925 | | | .3 | | 31403 | 3 | | 2060. | 410. | 600. | | 0.5 | 12.9 | 1.0 |
| 22 | 04 | 76 | 0945 | | | .3 | | 31443 | 6 | | 3000. | 290. | 70. | | 14.0 | 5.8 | 4.4 |
| 17 | 05 | 76 | 0950 | | | .3 | | 31483 | 6 | | 10900. | 300. | 1500. | G | 16.5 | 6.9 | 1.6 |
| 29 | 06 | 76 | 0945 | | | .3 | | 31522 | 7 | | 4200. | | 1100. | | 23.0 | 6.6 | 3.4 |
| 27 | 07 | 76 | 0940 | | | .3 | | 31562 | 7 | | 100. | | 230. | | 23.0 | 5.6 | 1.8 |
| 24 | 08 | 76 | 1020 | | | .3 | | 31599 | 7 | | 100. | 124. | 80. | | 23.0 | 7.9 | 7.0 |
| 29 | 09 | 76 | 0955 | | | .3 | | 31636 | 5 | | 4000. | 410. | 200. | | 11.5 | 5.5 | 5.0 |
| 21 | 10 | 76 | 1000 | | | .3 | | 31674 | 6 | | 700. | 10. | 70. | | 6.9 | 7.6 | 1.8 |
| 30 | 11 | 76 | 0945 | | | .3 | | 31718 | 4 | | 100. | 24. | 28. | | 0.0 | 11.9 | 2.0 |
| 16 | 12 | 76 | 1025 | | | .3 | | 31758 | 4 | | 370. | 52. | 152. | | 1.0 | 9.5 | 3.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

10900.
 953.*
 100.

2800.
 134.*
 10.

247.* U
 28.

NO OF SAMPLES

11 9 11 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1000 | | | .3 | | 0.130 | 0.042 | 0.440 | 1.100 | 0.026 | 2.500 | 763.0 | 47.0 | | |
| 12 | 02 | 76 | 1110 | | | .3 | | 0.325 | 0.160 | 0.800 | 2.100 | 0.034 | 2.160 | 270.0 | 16.0 | | 254 |
| 16 | 03 | 76 | 0925 | | | .3 | | 0.230 | 0.080 | 0.256 | 1.050 | 0.048 | 2.740 | 234.0 | 19.0 | | 215 |
| 22 | 04 | 76 | 0945 | | | .3 | | 0.200 | 0.016 | 0.002L | 1.040 | 0.003 | 0.002 | 622.0 | 66.0 | | |
| 17 | 05 | 76 | 0950 | | | .3 | | 0.316 | 0.130 | 0.136 | 1.820 | 0.066 | 1.180 | 416.0 | 90.0 | | |
| 29 | 06 | 76 | 0945 | | | .3 | | 0.166 | 0.048 | 0.012 | 1.150 | 0.059 | 1.750 | 1186.0 | 46.0 | | |
| 27 | 07 | 76 | 0940 | | | .3 | | 0.234 | 0.073 | 0.054 | 1.280 | 0.002 | 0.005L | 1338.0 | 66.0 | | |
| 24 | 08 | 76 | 1020 | | | .3 | | 0.300 | 0.090 | 0.006 | 1.340 | 0.002 | 0.005L | 1525.0 | 49.0 | | |
| 29 | 09 | 76 | 0955 | | | .3 | | 0.216 | 0.115 | 0.120 | 1.780 | 0.070 | 0.145 | 2006.0 | 19.0 | | |
| 21 | 10 | 76 | 1000 | | | .3 | | 0.109 | 0.050 | 0.018 | 0.710 | 0.066 | 1.030 | 1874.0 | 11.0 | | |
| 30 | 11 | 76 | 0945 | | | .3 | | 0.094 | 0.039 | 0.022 | 0.720 | 0.004 | 0.061 | 1869.0 | 9.3 | | |
| 16 | 12 | 76 | 1025 | | | .3 | | 0.224 | 0.110 | 0.320 | 1.440 | 0.022 | 0.558 | 1902.0 | 12.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.325
 0.212
 0.094

0.160
 0.079
 0.016

0.800
 0.182D
 0.002

2.100
 1.294
 0.710

0.070
 0.034
 0.002

2.740
 1.011D
 0.002

2006.0
 1167.1
 234.0

90.0
 37.5
 9.3

254
 235
 215

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1000 | | | .3 | | 1000 | 18.00 | 77.0 | | | | | | | |
| 12 | 02 | 76 | 1110 | | | .3 | | 390 | 29.00 | 32.5 | | | | | | | |
| 16 | 03 | 76 | 0925 | | | .3 | | 330 | 110.00 | 15.5 | | | | | | | |
| 22 | 04 | 76 | 0945 | | | .3 | | 800 | 38.00 | 37.5 | | | | | | | |
| 17 | 05 | 76 | 0950 | | | .3 | | 425 | 94.00 | 16.0 | | | | | | | |
| 29 | 06 | 76 | 0945 | | | .3 | | 1460 | 24.00 | 148.0 | | | | | | 7.72 | |
| 27 | 07 | 76 | 0940 | | | .3 | | 1900 | 20.00 | 245.0 | | | | | | 8.18 | |
| 24 | 08 | 76 | 1020 | | | .3 | | 2000 | 20.00 | 275.0 | | | | | | 8.02 | |
| 29 | 09 | 76 | 0955 | | | .3 | | 2500 | 16.00 | 335.0 | | | | | | 8.15 | |
| 21 | 10 | 76 | 1000 | | | .3 | | 2500 | 12.00 | 390.0 | | | | | | 7.82 | |
| 30 | 11 | 76 | 0945 | | | .3 | | 2450 | 6.40 | 365.0 | | | | | | 7.68 | |
| 16 | 12 | 76 | 1025 | | | .3 | | 2450 | 17.00 | 305.0 | 665.0 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

2500
 1517
 330

110.00
 33.70
 6.40

390.0
 186.8
 15.5

665.0
 665.0
 665.0

8.18
 7.93
 7.68

NO OF SAMPLES

12 12 12 1

6

B.O.W./ SITE: TWENTY MILE CREEK
 SAMPLE POINT: AT COUNTY ROAD 34 WOODBURN
 STATION TYPE: RIVER

STATION ID: 06-0024-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TWENTY MILE CREEK

STORET CODE: 02
 004
 5040

| STN NO | 5 | LAT | LONG | U.T.M. 17 0602050.0 4776300.0 4 | REGION 02 | MILEAGE | 35.60 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 0920 | | .3 | | 31321 | 4 | | | | | | 0.0 | 3.8 | 1.2 |
| 23 | 02 | 76 | 0855 | | .3 | | 31361 | 3 | | 8000. | 100. | 200. | | 0.5 | 12.0 | 1.2 |
| 16 | 03 | 76 | 0900 | | .3 | | 31401 | 6 | | 1200. | 10. L | 190. | | 1.5 | 13.1 | 0.4 |
| 22 | 04 | 76 | 0905 | | .3 | | 31441 | 6 | | 200. | 56. | 44. | | 14.0 | 5.4 | 2.6 |
| 17 | 05 | 76 | 0920 | | .3 | | 31481 | 6 | | 37000. | 1400. | 1500. G | | 15.5 | 6.5 | 1.6 |
| 29 | 06 | 76 | 0915 | | .3 | | 31520 | 7 | | 1000. | | 600. | | 22.0 | 3.0 | 1.8 |
| 27 | 07 | 76 | 0900 | | .3 | | 31560 | 7 | | 200. | | 340. | | 21.0 | 5.5 | 1.0 |
| 24 | 08 | 76 | 0930 | | .3 | | 31597 | 7 9 | | 360. | 104. | 170. | | 20.0 | 2.2 | 1.4 |
| 29 | 09 | 76 | 0915 | | .3 | | 31634 | 6 | | 100. | 20. | 20. | | 10.5 | 6.4 | 0.6 |
| 21 | 10 | 76 | 0935 | | .3 | | 31672 | 6 | | 10. L | 4. | 56. | | 6.4 | 6.9 | 1.8 |
| 30 | 11 | 76 | 0915 | | .3 | | 31716 | 4 | | 30. | 1. | 12. | | 0.0 | 9.9 | 1.2 |
| 16 | 12 | 76 | 0930 | | .3 | | 31756 | 4 | | 10. | 8. | 8. | | 0.0 | 3.7 | 2.2 |
| MAXIMUM | | | | | | | | | | 37000. | 1400. | 1500. | | 22.0 | 13.1 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 296.* D | 26.* D | 99.* U | | 9.3 | 6.5 | 1.4 |
| MINIMUM | | | | | | | | | | 10. | 1. | 8. | | 0.0 | 2.2 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 | 01 | 76 | 0920 | | .3 | | 0.100 | 0.017 | 0.110 | 0.710 | 0.029 | 3.000 | 481.0 | 7.0 | | |
| 23 | 02 | 76 | 0855 | | .3 | | 0.178 | 0.079 | 0.152 | 0.840 | 0.037 | 5.060 | 256.0 | 15.0 | | 241 |
| 16 | 03 | 76 | 0900 | | .3 | | 0.082 | 0.034 | 0.098 | 0.600 | 0.021 | 3.680 | 321.0 | 12.0 | | |
| 22 | 04 | 76 | 0905 | | .3 | | 0.070 | 0.020 | 0.008 | 0.700 | 0.011 | 0.439 | 382.0 | 6.2 | | |
| 17 | 05 | 76 | 0920 | | .3 | | 0.312 | 0.100 | 0.168 | 1.800 | 0.076 | 2.020 | 459.0 | 95.0 | | |
| 29 | 06 | 76 | 0915 | | .3 | | 0.105 | 0.058 | 0.070 | 0.870 | 0.012 | 0.053 | 303.0 | 2.5 | | |
| 27 | 07 | 76 | 0900 | | .3 | | 0.094 | 0.015 | 0.032 | 1.140 | 0.002 | 0.098 | 363.0 | 6.9 | | |
| 24 | 08 | 76 | 0930 | | .3 | | 0.032 | 0.006 | 0.020 | 0.720 | 0.022 | 0.648 | 375.0 | 7.4 | | |
| 29 | 09 | 76 | 0915 | | .3 | | 0.037 | 0.022 | 0.006 | 0.600 | 0.002 | 0.013 | 325.0 | 2.1 | | |
| 21 | 10 | 76 | 0935 | | .3 | | 0.070 | 0.028 | 0.002 | 0.630 | 0.003 | 0.005L | 316.0 | 3.1 | | |
| 30 | 11 | 76 | 0915 | | .3 | | 0.066 | 0.021 | 0.008 | 0.610 | 0.001 | 0.005L | 549.0 | 3.3 | | |
| 16 | 12 | 76 | 0930 | | .3 | | 0.064 | 0.009 | 0.024 | 0.720 | 0.002 | 0.005L | 769.0 | 4.6 | | |
| MAXIMUM | | | | | | | 0.312 | 0.100 | 0.168 | 1.800 | 0.076 | 5.060 | 769.0 | 95.0 | | 241 |
| AVG OR GEOM MN (*) | | | | | | | 0.101 | 0.034 | 0.057 | 0.828 | 0.018 | 1.252D | 408.3 | 13.8 | | 241 |
| MINIMUM | | | | | | | 0.032 | 0.006 | 0.002 | 0.600 | 0.001 | 0.005 | 256.0 | 2.1 | | 241 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 11 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 | 01 | 76 | 0920 | | .3 | | 760 | 3.30 | 35.5 | | | | | | | |
| 23 | 02 | 76 | 0855 | | .3 | | 370 | 60.00 | 19.0 | | | | | | | |
| 16 | 03 | 76 | 0900 | | .3 | | 460 | 29.00 | 20.0 | | | | | | | |
| 22 | 04 | 76 | 0905 | | .3 | | 600 | 6.90 | 25.0 | | | | | | | |
| 17 | 05 | 76 | 0920 | | .3 | | 450 | 130.00 | 16.5 | | | | | | | |
| 29 | 06 | 76 | 0915 | | .3 | | 490 | 2.60 | 20.0 | | | | | 7.82 | | |
| 27 | 07 | 76 | 0900 | | .3 | | 540 | 4.40 | 34.5 | | | | | 7.75 | | |
| 24 | 08 | 76 | 0930 | | .3 | | 540 | 1.30 | 26.0 | | | | | 7.94 | | |
| 29 | 09 | 76 | 0915 | | .3 | | 520 | 1.40 | 29.5 | | | | | 7.76 | | |
| 21 | 10 | 76 | 0935 | | .3 | | 540 | 2.20 | 30.5 | | | | | 7.98 | | |
| 30 | 11 | 76 | 0915 | | .3 | | 840 | 3.00 | 75.0 | | | | | 7.90 | | |
| 16 | 12 | 76 | 0930 | | .3 | | 1100 | 3.50 | 83.0 | 140.0 | | | | | | |
| MAXIMUM | | | | | | | 1100 | 130.00 | 83.0 | 140.0 | | | | 7.98 | | |
| AVG OR GEOM MN (*) | | | | | | | 601 | 20.63 | 34.5 | 140.0 | | | | 7.86 | | |
| MINIMUM | | | | | | | 370 | 1.30 | 16.5 | 140.0 | | | | 7.75 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 1 | | | | 6 | | |

B.O.W./ SITE: FORTY MILE CREEK
 SAMPLE POINT: DOWNSTREAM FROM TOWN OF GRIMSBY
 STATION TYPE: RIVER FLOW GAUGE MOE 02HA100

STATION ID: 06-0038-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: FORTY MILE CREEK

STORET CODE: 02
 004
 4780

| STN NO | 1 | LAT | LONG | U.T.M. 17 0617280.0 4783860.0 4 | REGION 02 | MILEAGE | 0.30 | | | | | | | | | |
|---------|-----------|----------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 01 | 76 | 1245 | | | .3 | | 31338 | 3 9 0 | | 15000E+2G | 1000. | L 17600. | | 4.5 | 10.8 | 19.0 |
| 12 02 | 76 | 1530 | | | .3 | | 31378 | 3 9 0 | | 97000. | 17000. | 6200. | | 2.0 | 13.5 | 7.0 |
| 29 03 | 76 | 1225 | | | .3 | | 31418 | 3 | | 70000. | 370. | 1260. | | 7.0 | 11.7 | 6.4 |
| 22 04 | 76 | 1615 | | | .3 | | 31458 | 6 0 | | 1500. G | 20. | 310. | | 14.0 | 6.1 | 24.0 |
| 17 05 | 76 | 1610 | | | .3 | | 31498 | 3 | | 50000. | 100. | 4600. | | 17.5 | 8.7 | 3.6 |
| 15 06 | 76 | 1305 | | | .3 | | 31534 | 6 0 | | 69000E+1 | | 2000. | | 23.0 | 8.9 | 54.0 |
| 20 07 | 76 | 1015 | | | .3 | | 31574 | 6 0 | | 76000E+2 | | 7400. | | 21.0 | 2.7 | 56.0 |
| 19 08 | 76 | 1030 | | | .3 | | 31611 | 6 0 | | 2000. | | 100. L | | 19.5 | 7.8 | 19.0 |
| 29 09 | 76 | 1520 | | | .3 | | 31648 | 6 0 | | 1000. L | 12. | 100. L | | 19.0 | 6.4 | 28.0 |
| 21 10 | 76 | 1345 | | | .3 | | 31689 | 6 0 | | 60. | 1. | 1. | | 11.2 | 7.8 | 7.8 |
| 30 11 | 76 | 1140 | | | .3 | | 31728 | 6 0 | | 9100. | 60. | 310. | | 3.5 | 9.5 | 13.0 |
| 16 12 | 76 | 1350 | | | .3 | | 31765 | 6 0 | | 14700E+1 | 90. | 1700. | | 9.0 | 5.3 | 34.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 26 01 | 76 | 1245 | | | .3 | | 1.600 | 0.480 | 2.400 | 6.600 | 0.080 | 2.800 | 1572.0 | 152.0 | | |
| 12 02 | 76 | 1530 | | | .3 | | 0.470 | 0.215 | 1.220 | 2.880 | 0.049 | 2.600 | 345.0 | 29.0 | | |
| 29 03 | 76 | 1225 | | | .3 | | 0.650 | 0.305 | 0.400 | 2.960 | 0.075 | 1.600 | 382.0 | 43.0 | 339 | |
| 22 04 | 76 | 1615 | | | .3 | | 1.320 | 0.700 | 3.640 | 6.900 | 0.215 | 2.290 | 578.0 | 22.0 | 556 | |
| 17 05 | 76 | 1610 | | | .3 | | 0.725 | 0.410 | 0.540 | 3.100 | 0.150 | 0.750 | 284.0 | 60.0 | | 224 |
| 15 06 | 76 | 1305 | | | .3 | | 3.850 | 2.400 | 0.282 | 15.500 | 0.125 | 5.530 | 624.0 | 36.0 | 588 | |
| 20 07 | 76 | 1015 | | | .3 | | 3.280 | 1.300 | 10.500 | 20.800 | 0.069 | 0.081 | 676.0 | 96.0 | 580 | |
| 19 08 | 76 | 1030 | | | .3 | | 1.300 | 0.670 | 8.050 | 13.500 | 0.070 | 0.190 | 604.0 | 13.0 | 591 | |
| 29 09 | 76 | 1520 | | | .3 | | 3.550 | 3.240 | 24.500 | 25.500 | 0.067 | 0.053 | 570.0 | 22.0 | 548 | |
| 21 10 | 76 | 1345 | | | .3 | | 0.640 | 0.240 | 6.500 | 8.850 | 0.037 | 0.048 | 2248.0 | 8.2 | 2240 | |
| 30 11 | 76 | 1140 | | | .3 | | 1.860 | 0.875 | 9.450 | 15.800 | 0.020 | 0.035 | 1070.0 | 55.0 | 1015 | |
| 16 12 | 76 | 1350 | | | .3 | | 6.050 | 3.850 | 22.000 | 31.000 | 0.029 | 0.031 | 721.0 | 49.0 | 672 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 26 01 | 76 | 1245 | | | .3 | | 2300 | 110.00 | 675.0 | | | | | | | |
| 12 02 | 76 | 1530 | | | .3 | | 470 | 20.00 | 57.0 | | | | | | | |
| 29 03 | 76 | 1225 | | | .3 | | 475 | 120.00 | 39.5 | 75.0 | 1.70 | | | 7.60 | 7.1 | |
| 22 04 | 76 | 1615 | | | .3 | | 800 | 12.00 | 85.0 | 120.0 | 2.25 | | | 7.50 | | 0.250 |
| 17 05 | 76 | 1610 | | | .3 | | 345 | 140.00 | 20.5 | 47.0 | 2.55 | | | 8.04 | | 12.000 |
| 15 06 | 76 | 1305 | | | .3 | | 910 | 23.00 | 95.0 | 110.0 | 3.55 | | | 7.79 | | 0.900 |
| 20 07 | 76 | 1015 | | | .3 | | 950 | 33.00 | 64.0 | 110.0 | 3.65 | | | 7.44 | | 0.900 |
| 19 08 | 76 | 1030 | | | .3 | | 900 | 4.80 | 95.0 | 115. | 3.10 | | | 7.31 | | 0.340 |
| 29 09 | 76 | 1520 | | | .3 | | 990 | 20.00 | 98.0 | 110.0 | 3.35 | | | 6.99 | | 0.300 |
| 21 10 | 76 | 1345 | | | .3 | | 3000 | 5.50 | 465.0 | | 2.10 | | | 7.66 | | 0.180 |
| 30 11 | 76 | 1140 | | | .3 | | 1500 | 33.00 | 215.0 | 360.0 | 2.00 | | | 7.60 | | 0.750 |
| 16 12 | 76 | 1350 | | | .3 | | 1100 | 30.00 | 130.0 | 130.0 | 3.05 | | | 7.50 | | 0.550 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|----------------------------|
| 26 01 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 12 02 | 76 | 1530 | | | .3 | | | | | | | | | | | |
| 29 03 | 76 | 1225 | | | .3 | | 2.0 | | | | | | | 17 | 51 | 0 |
| 22 04 | 76 | 1615 | | | .3 | | 7.0 | | | | | | | 5 | 104 | |
| 17 05 | 76 | 1610 | | | .3 | | 1.0 | | | | | | | 29 | 63 | |
| 15 06 | 76 | 1305 | | | .3 | | 10.0 | | | | | | | 32 | 130 | |
| 20 07 | 76 | 1015 | | | .3 | | | | | | | | | | 44 | 3 |
| 19 08 | 76 | 1030 | | | .3 | | 5.0 | | | | | | | 25 | 53 | |
| 29 09 | 76 | 1520 | | | .3 | | 7.0 | | | | | | | 34 | 70 | |
| 21 10 | 76 | 1345 | | | .3 | | 2.0 | | | | | | | 16 | 69 | 0 |
| 30 11 | 76 | 1140 | | | .3 | | 5.0 | | | | | | | 19 | 150 | |
| 16 12 | 76 | 1350 | | | .3 | | 20.0 | | | | | | | 50 | 150 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 29 | 03 | 76 | 1225 | | .3 | | 0.002 | 0.050L | | 0.040 | 0.020L | 0.010L | 0.010L | 0.030 | | 0.010 |
| 20 | 07 | 76 | 1015 | | .3 | | 0.002 | 0.230 | | 0.010L | 0.040 | 0.020 | 0.010L | 0.090 | | 0.010 |
| 21 | 10 | 76 | 1345 | | .3 | | 0.001L | 0.030L | | 0.020L | 0.020 | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | 0.002 | 0.230 | | 0.040 | 0.040 | 0.020 | 0.010 | 0.090 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.002D | 0.103D | | 0.023D | 0.027D | 0.013D | 0.008D | 0.043D | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.030 | | 0.010 | 0.020 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: STONEY CREEK
SAMPLE POINT: AT QUEEN ELIZABETH WAY STONEY CREEK
STATION TYPE: RIVER

STATION ID: 06-0050-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: STONEY CREEK

STORET CODE: 02
004
4625

| STN NO | 1 | LAT | LONG | U.T.M. 17 0602000.0 4788250.0 4 | REGION 02 | MILEAGE | 0.40 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 22 | 01 | 76 | 0845 | | .3 | | 31320 | 4 | | | | | | 0.0 | 13.0 | 2.2 |
| 12 | 02 | 76 | 0905 | | .3 | | 31360 | 4 | | 1000. | 100. L | 400. | | 0.0 | 13.5 | 2.6 |
| 16 | 03 | 76 | 0835 | | .3 | | 31400 | 6 | | 3000. | 40. | 100. L | | 1.0 | 13.8 | 0.6 |
| 22 | 04 | 76 | 0840 | | .3 | | 31440 | 6 | | 43000. | 190. | 430. | | 12.0 | 5.3 | 6.0 |
| 17 | 05 | 76 | 0855 | | .3 | | 31480 | 6 | | 43000. | 70. | 1230. | | 13.0 | 6.9 | 2.4 |
| 15 | 06 | 76 | 1345 | | .3 | | 31533 | 6 | | 2000. | | 40. | | 25.5 | 6.2 | 5.0 |
| 20 | 07 | 76 | 0945 | | .3 | | 31573 | 6 | | 26000E+1 | | 90. | | 22.0 | 4.3 | 3.4 |
| 19 | 08 | 76 | 1005 | | .3 | | 31610 | 6 | | 26000. | | 100. | | 21.5 | 10.1 | 6.0 |
| 29 | 09 | 76 | 0900 | | .3 | | 31647 | 6 | | 1000. | 2000. | 300. | | 8.5 | 6.6 | 1.8 |
| 21 | 10 | 76 | 0910 | | .3 | | 31671 | 6 9 | | 83000. | 6300. | 2530. | | 7.1 | 6.6 | 6.4 |
| 30 | 11 | 76 | 0850 | | .3 | | 31715 | 4 | | 54000. | 10700. | 1200. | | 0.0 | 8.2 | 7.0 |
| 14 | 12 | 76 | 0900 | | .3 | | 31755 | 4 | | 11000. | 2200. | 300. | | 0.0 | 8.9 | 1.0 |
| MAXIMUM | | | | | | | | | | 26000E+1 | 10700. | 2530. | | 25.5 | 13.8 | 7.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 13886.* | 595.* D | 304.* D | | 9.2 | 8.6 | 3.7 |
| MINIMUM | | | | | | | | | | 1000. | 40. | 40. | | 0.0 | 4.3 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 11 | 8 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 0845 | | .3 | | 0.100 | 0.026 | 0.220 | 0.660 | 0.028 | 1.500 | 1358.0 | 8.0 | | |
| 12 | 02 | 76 | 0905 | | .3 | | 0.140 | 0.050 | 0.130 | 0.820 | 0.023 | 2.130 | 500.0 | 16.0 | | |
| 16 | 03 | 76 | 0835 | | .3 | | 0.100 | 0.045 | 0.112 | 0.660 | 0.023 | 1.370 | 420.0 | 13.0 | | |
| 22 | 04 | 76 | 0840 | | .3 | | 0.214 | 0.046 | 0.132 | 1.200 | 0.053 | 0.547 | 701.0 | 60.0 | | |
| 17 | 05 | 76 | 0855 | | .3 | | 0.282 | 0.037 | 0.108 | 1.380 | 0.031 | 0.664 | 536.0 | 138.0 | | |
| 15 | 06 | 76 | 1345 | | .3 | | 0.226 | 0.040 | 0.216 | 1.520 | 0.083 | 0.542 | 673.0 | 62.0 | | |
| 20 | 07 | 76 | 0945 | | .3 | | 0.260 | 0.036 | 0.150 | 1.400 | 0.230 | 1.070 | 624.0 | 84.0 | | |
| 19 | 08 | 76 | 1005 | | .3 | | 0.500 | 0.200 | 0.224 | 1.400 | 0.026 | 0.094 | 635.0 | 55.0 | | |
| 29 | 09 | 76 | 0900 | | .3 | | 0.276 | 0.061 | 0.194 | 1.200 | 0.053 | 1.200 | 692.0 | 28.0 | | |
| 21 | 10 | 76 | 0910 | | .3 | | 0.255 | 0.100 | 0.018 | 0.650 | 0.051 | 0.849 | 317.0 | 31.0 | | |
| 30 | 11 | 76 | 0850 | | .3 | | 0.625 | 0.360 | 0.166 | 1.050 | 0.032 | 0.313 | 750.0 | 23.0 | | |
| 14 | 12 | 76 | 0900 | | .3 | | 0.071 | 0.051 | 0.258 | 0.690 | 0.021 | 0.339 | 639.0 | 24.0 | | |
| MAXIMUM | | | | | | | 0.625 | 0.360 | 0.258 | 1.520 | 0.230 | 2.130 | 1358.0 | 138.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.254 | 0.088 | 0.161 | 1.053 | 0.055 | 0.885 | 653.8 | 45.2 | | |
| MINIMUM | | | | | | | 0.071 | 0.026 | 0.018 | 0.650 | 0.021 | 0.094 | 317.0 | 8.0 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 0845 | | .3 | | 2150 | 4.80 | 480.0 | | | | | | | |
| 12 | 02 | 76 | 0905 | | .3 | | 710 | 15.00 | 90.0 | | | | | | | |
| 16 | 03 | 76 | 0835 | | .3 | | 580 | 45.00 | 485.0 | | | | | | | |
| 22 | 04 | 76 | 0840 | | .3 | | 900 | 38.00 | 95.0 | | | | | | | |
| 17 | 05 | 76 | 0855 | | .3 | | 600 | 73.00 | 41.5 | | | | | | | |
| 15 | 06 | 76 | 1345 | | .3 | | 840 | 40.00 | 83.0 | | | | | 7.84 | | |
| 20 | 07 | 76 | 0945 | | .3 | | 800 | 50.00 | 66.0 | | | | | 7.83 | | |
| 19 | 08 | 76 | 1005 | | .3 | | 780 | 21.00 | 84.0 | | | | | 7.78 | | |
| 29 | 09 | 76 | 0900 | | .3 | | 940 | 32.00 | 88.0 | | | | | 7.77 | | |
| 21 | 10 | 76 | 0910 | | .3 | | 450 | 42.00 | 35.5 | | | | | 7.35 | | |
| 30 | 11 | 76 | 0850 | | .3 | | 1160 | 27.00 | 170.0 | | | | | | | |
| 14 | 12 | 76 | 0900 | | .3 | | 1040 | 24.00 | 178.0 | | | | | | | |
| MAXIMUM | | | | | | | 2150 | 73.00 | 485.0 | | | | | 7.84 | | |
| AVG OR GEOM MN (*) | | | | | | | 913 | 34.32 | 158.0 | | | | | 7.71 | | |
| MINIMUM | | | | | | | 450 | 4.80 | 35.5 | | | | | 7.35 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | 5 | | |

B.O.W. / SITE: RAMBO CREEK
SAMPLE POINT: HIGHWAY 2 BURLINGTON
STATION TYPE: RIVER

STATION ID: 06-0054-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: RAMBO CREEK

STORET CODE: 02
004
4490

| STN NO | I | LAT | LONG | U.T.M. 17 0598150.0 4797600.0 4 | REGION 03 | MILEAGE | 0.10 | | | | | | | | | | |
|---------|--------|-------|------|---------------------------------|-----------|-----------------|------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1030 | | | .3 | | 30213 | 4 | | 1000. | 90. | 140. | | 82.0 | 14.0 | 1.2 |
| 25 | 02 | 76 | 1245 | | | .3 | | 30231 | 6 | | 3900. | 200. | 100. | L | 4.0 | 11.0 | 5.0 |
| 17 | 03 | 76 | 1400 | | | .3 | | 30249 | 6 | | | | | | 0.0 | 14.0 | 1.6 |
| 21 | 04 | 76 | 1345 | | | .3 | | 30267 | 6 | | 4600. | 10. | L | 510. | 12.0 | 12.0 | 3.4 |
| 26 | 05 | 76 | 1230 | | | .3 | | 30285 | 6 | | 2700. | 150. | | 280. | | | 1.0 |
| 16 | 06 | 76 | 1400 | | | .3 | | 30303 | 6 | | 44000. | | 1500. | G | 19.5 | 4.0 | 8.0 |
| 14 | 07 | 76 | 1330 | | | .3 | | 30321 | 6 | | 10000. | | 1200. | | 17.0 | 9.0 | 1.0 |
| 10 | 08 | 76 | 1130 | | | .3 | | 30339 | 6 | | 15000. | 1. | 1500. | G | 18.0 | 10.0 | 2.0 |
| 22 | 09 | 76 | 1000 | | | .3 | | 30357 | 6 | | 18000. | 3800. | 1500. | G | 12.0 | 10.0 | 2.4 |
| 19 | 10 | 76 | 1000 | | | .3 | | 30375 | 6 | | 2100. | 400. | 200. | | 7.0 | 11.0 | 1.4 |
| 23 | 11 | 76 | 1230 | | | .3 | | 30393 | 6 | | 600. | 160. | 90. | | 2.5 | 11.0 | 0.6 |
| 20 | 12 | 76 | 1500 | | | .3 | | 30411 | | | 19000. | 1500. | 2290. | | 0.5 | 11.0 | 8.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

44000.
5495.*
600.

3800.
129.* D
1.

2290.
483.* E
90.

82.0
15.9
0.0

14.0
10.6
4.0

8.0
3.0
0.6

NO OF SAMPLES

11

9

11

11

11

12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|---------|--------|-------|------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|---------------------------|
| 21 | 01 | 76 | 1030 | | | .3 | | 0.150 | 0.075 | 0.060 | 0.330 | 0.180 | 1.500 | 1354.0 | 4.0 | | |
| 25 | 02 | 76 | 1245 | | | .3 | | 0.093 | 0.037 | 0.006 | 0.400 | 0.021 | 1.780 | 642.0 | 22.0 | | |
| 17 | 03 | 76 | 1400 | | | .3 | | 0.072 | 0.021 | 0.026 | 0.330 | 0.020 | 2.150 | 737.0 | 40.0 | | |
| 21 | 04 | 76 | 1345 | | | .3 | | 0.039 | 0.002 | 0.076 | 0.670 | 0.020 | 1.680 | 637.0 | 3.0 | | |
| 26 | 05 | 76 | 1230 | | | .3 | | 0.038 | 0.012 | 0.014 | 0.420 | 0.011 | 1.340 | 566.0 | 1.0 | | |
| 16 | 06 | 76 | 1400 | | | .3 | | 0.079 | 0.005 | 0.008 | 1.100 | 0.100 | 1.700 | 614.0 | 2.7 | | |
| 14 | 07 | 76 | 1330 | | | .3 | | 0.042 | 0.019 | 0.006 | 0.330 | 0.012 | 1.640 | 606.0 | 7.0 | | |
| 10 | 08 | 76 | 1130 | | | .3 | | 0.047 | 0.027 | 0.004 | 0.380 | 0.007 | 1.440 | 556.0 | 2.0 | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 0.132 | 0.039 | 0.010 | 0.640 | 0.005 | 1.060 | 427.0 | 11.0 | | |
| 19 | 10 | 76 | 1000 | | | .3 | | 0.026 | 0.014 | 0.004 | 0.920 | 0.004 | 1.000 | 629.0 | 4.8 | | |
| 23 | 11 | 76 | 1230 | | | .3 | | 0.022 | 0.003 | 0.002L | 0.320 | 0.012 | 1.940 | 602.0 | 2.8 | | |
| 20 | 12 | 76 | 1500 | | | .3 | | 0.428 | 0.170 | 0.224 | 1.540 | 0.090 | 0.840 | 796.0 | 92.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.428
0.097
0.022

0.170
0.035
0.002

0.224
0.037D
0.002

1.540
0.615
0.320

0.180
0.040
0.004

2.150
1.506
0.840

1354.0
680.5
427.0

92.0
16.0
1.0

NO OF SAMPLES

12

12

12

12

12

12

12

12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 | 01 | 76 | 1030 | | | .3 | | 2250 | 3.00 | 550.0 | | | | | | | |
| 25 | 02 | 76 | 1245 | | | .3 | | 950 | 15.00 | 120.0 | | | | | | | |
| 17 | 03 | 76 | 1400 | | | .3 | | 1100 | 27.00 | | | | | | | | |
| 21 | 04 | 76 | 1345 | | | .3 | | 900 | 5.20 | 115.0 | | | | | | | |
| 26 | 05 | 76 | 1230 | | | .3 | | 850 | 1.20 | 93.0 | | | | | | | |
| 16 | 06 | 76 | 1400 | | | .3 | | 890 | 4.20 | 108.0 | | | | | | | |
| 14 | 07 | 76 | 1330 | | | .3 | | 880 | 2.50 | 115.0 | | | | | | | |
| 10 | 08 | 76 | 1130 | | | .3 | | 830 | 3.20 | 94.0 | | | | | | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 660 | 25.00 | 69.0 | | | | | | | |
| 19 | 10 | 76 | 1000 | | | .3 | | 960 | 3.60 | 118.0 | | | | | | | |
| 23 | 11 | 76 | 1230 | | | .3 | | 1020 | 3.00 | 140.0 | | | | | | | |
| 20 | 12 | 76 | 1500 | | | .3 | | 1230 | 140.00 | 340.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2250
1043
660

140.00
19.41
1.20

550.0
169.3
69.0

NO OF SAMPLES

12

12

11

B.O.W./ SITE: BRONTE CREEK
SAMPLE POINT: HIGHWAY 2, BRONTE
STATION TYPE: RIVER

STATION ID: 06-0060-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BRONTE CREEK

STORET CODE: 02
004
4430

| STN NO | I | LAT | LONG | U.T.M. 17 0604125.0 4804925.0 4 | REGION 03 | MILEAGE | 0.40 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1100 | | | .3 | | 30210 | 4 | | 110. | 10. | L 30. | | 1.0 | 12.0 | 2.4 |
| 25 | 02 | 76 | 1215 | | | .3 | | 30228 | 4 | | 21000. | 120. | 180. | | 0.0 | 12.0 | 9.0 |
| 17 | 03 | 76 | 1345 | | | .3 | | 30246 | 6 8 | | | | | 0.0 | 14.0 | 1.6 | |
| 21 | 04 | 76 | 1330 | | | .3 | | 30264 | 8 | | 400. | 92. | 36. | | 13.0 | 10.0 | 1.0 |
| 26 | 05 | 76 | 1130 | | | .3 | | 30282 | 8 | | 300. | 50. | 40. | | | | 1.0 |
| 16 | 06 | 76 | 1330 | | | .3 | | 30300 | 8 6 | | 15000. | | | | 22.0 | 8.0 | 0.8 |
| 14 | 07 | 76 | 1300 | | | .3 | | 30318 | 8 6 | | 1200. | | 270. | | 18.0 | 8.0 | 1.2 |
| 10 | 08 | 76 | 1100 | | | .3 | | 30336 | 6 8 | | 300. | 1. | 90. | | 18.5 | 10.0 | 0.8 |
| 22 | 09 | 76 | 1115 | | | .3 | | 30354 | 6 8 | | 1700. | 456. | 208. | | 13.0 | 10.0 | 1.0 |
| 19 | 10 | 76 | 1030 | | | .3 | | 30372 | 6 8 | | 100. | 10. | L 30. | | 6.5 | 11.0 | 1.0 |
| 23 | 11 | 76 | 1030 | | | .3 | | 30390 | 6 8 | | 170. | 16. | 12. | | 0.5 | 7.0 | 0.2 |
| 20 | 12 | 76 | 1530 | | | .3 | | 30408 | 4 | | 1000. | 272. | 568. | | 0.0 | 7.0 | 2.0 |
| MAXIMUM | | | | | | | | | | | 21000. | 456. | 568. | | 22.0 | 14.0 | 9.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 752.* | 36.* D | 78.* | | 8.4 | 9.9 | 1.8 |
| MINIMUM | | | | | | | | | | | 100. | 1. | 12. | | 0.0 | 7.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 10 | | 11 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 | 01 | 76 | 1100 | | | .3 | | 0.018 | 0.001 | 0.040 | 0.570 | 0.008 | 1.400 | 434.0 | 11.0 | | |
| 25 | 02 | 76 | 1215 | | | .3 | | 0.375 | 0.008 | 0.068 | 2.600 | 0.015 | 1.110 | 614.0 | 367.0 | | 247 |
| 17 | 03 | 76 | 1345 | | | .3 | | 0.028 | 0.004 | 0.024 | 0.380 | 0.005 | 1.600 | 343.0 | 16.0 | | |
| 21 | 04 | 76 | 1330 | | | .3 | | 0.024 | 0.001 | 0.006 | 0.520 | 0.010 | 0.965 | 355.0 | 6.5 | | |
| 26 | 05 | 76 | 1130 | | | .3 | | 0.034 | 0.002 | 0.016 | 0.550 | 0.010 | 1.340 | 449.0 | 22.0 | | |
| 16 | 06 | 76 | 1330 | | | .3 | | 0.046 | 0.003 | 0.034 | 0.580 | 0.017 | 1.190 | 376.0 | 15.0 | | |
| 14 | 07 | 76 | 1300 | | | .3 | | 0.022 | 0.003 | 0.012 | 0.400 | 0.008 | 0.742 | 368.0 | 15.0 | | |
| 10 | 08 | 76 | 1100 | | | .3 | | 0.020 | 0.002 | 0.004 | 0.560 | 0.007 | 1.440 | 375.0 | 9.3 | | |
| 22 | 09 | 76 | 1115 | | | .3 | | 0.039 | 0.006 | 0.012 | 0.850 | 0.004 | 0.806 | 394.0 | 15.0 | | |
| 19 | 10 | 76 | 1030 | | | .3 | | 0.013 | 0.001 | 0.010 | 0.470 | 0.003 | 1.120 | 364.0 | 5.3 | | |
| 23 | 11 | 76 | 1030 | | | .3 | | 0.015 | 0.002 | 0.008 | 0.400 | 0.002 | 1.500 | 348.0 | 7.5 | | |
| 20 | 12 | 76 | 1530 | | | .3 | | 0.046 | 0.016 | 0.046 | 0.480 | 0.012 | 1.690 | 431.0 | 20.0 | | |
| MAXIMUM | | | | | | | | 0.375 | 0.016 | 0.068 | 2.600 | 0.017 | 1.690 | 614.0 | 367.0 | | 247 |
| AVG OR GEOM MN (*) | | | | | | | | 0.057 | 0.004 | 0.023 | 0.697 | 0.008 | 1.242 | 404.3 | 42.5 | | 247 |
| MINIMUM | | | | | | | | 0.013 | 0.001 | 0.004 | 0.380 | 0.002 | 0.742 | 343.0 | 5.3 | | 247 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 | 01 | 76 | 1100 | | | .3 | | 670 | 8.50 | 33.0 | | | | | | | |
| 25 | 02 | 76 | 1215 | | | .3 | | 380 | 160.00 | 18.5 | | | | | | | |
| 17 | 03 | 76 | 1345 | | | .3 | | 520 | 7.00 | 25.5 | | | | | | | |
| 21 | 04 | 76 | 1330 | | | .3 | | 550 | 5.30 | 22.0 | | | | | | | |
| 26 | 05 | 76 | 1130 | | | .3 | | 550 | 8.40 | 20.5 | | | | | | | |
| 16 | 06 | 76 | 1330 | | | .3 | | 510 | 15.00 | 25.5 | | | | | | | |
| 14 | 07 | 76 | 1300 | | | .3 | | 510 | 12.00 | 25.0 | | | | | | | |
| 10 | 08 | 76 | 1100 | | | .3 | | 543 | 8.20 | 27.5 | | | | | | | |
| 22 | 09 | 76 | 1115 | | | .3 | | 570 | 15.00 | 24.5 | | | | | | | |
| 19 | 10 | 76 | 1030 | | | .3 | | 580 | 4.60 | 25.5 | | | | | | | |
| 23 | 11 | 76 | 1030 | | | .3 | | 610 | 4.00 | 27.5 | | | | | | | |
| 20 | 12 | 76 | 1530 | | | .3 | | 680 | 26.00 | 50.0 | | | | | | | |
| MAXIMUM | | | | | | | | 680 | 160.00 | 50.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 556 | 22.83 | 27.1 | | | | | | | |
| MINIMUM | | | | | | | | 380 | 4.00 | 18.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: BRONTE CREEK
 SAMPLE POINT: APPELBY LINE BURLINGTON
 STATION TYPE: RIVER FLOW GAUGE FED 02H8011

STATION ID: 06-0060-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

STN NO 2 LAT LONG U.T.M. 17 0594500.0 4808450.0 4 REGION 03 MILEAGE 9.30

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 1300 | | .3 | | 30207 | 6 | 80.00 | 490. | 10. L | 10. | | 0.0 | 13.0 | 0.6 |
| 25 | 02 | 76 | 1030 | | .3 | | 30225 | 6 | 439.00 | 2240. | 12. | 20. | | 1.0 | 14.0 | 2.4 |
| 17 | 03 | 76 | 1130 | | .3 | | 30243 | 6 8 | 257.00 | | | | | 0.0 | 14.0 | 1.0 |
| 21 | 04 | 76 | 1100 | | .3 | | 30261 | 8 | 98.20 | 1100. | 1. | 12. | | 12.0 | 10.0 | 0.8 |
| 26 | 05 | 76 | 1200 | | .3 | | 30279 | 6 8 | 95.80 | 190. | 32. | 4. | | | | 0.6 |
| 16 | 06 | 76 | 1030 | | .3 | | 30297 | 6 8 | 44.00 | 600. | | 600. G | | 21.5 | 8.0 | 1.0 |
| 14 | 07 | 76 | 1330 | | .3 | | 30315 | 8 | 43.50 | 20000. | | 136. | | 16.5 | 10.0 | 1.2 |
| 10 | 08 | 76 | 1400 | | .3 | | 30333 | 8 | 33.20 | 1000. | 1. | 80. | | 22.0 | 11.0 | 1.0 |
| 22 | 09 | 76 | 1330 | | .3 | | 30351 | 8 | 81.70 | 900. | 216. | 412. | | 11.0 | 11.0 | 1.0 |
| 19 | 10 | 76 | 1000 | | .3 | | 30369 | 8 | 42.90 | 400. | 20. | 52. | | 5.0 | 8.0 | 1.6 |
| 23 | 11 | 76 | 1115 | | .3 | | 30387 | 8 | 34.00 | 900. | 8. | 20. | | 1.0 | 16.0 | 0.1 |
| 21 | 12 | 76 | 1100 | | .3 | | 30405 | 8 | 24.00 | 3600. | 320. | 300. G | | 0.0 | 12.0 | 2.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| | | | | | | |
|--------|--------|--------|--------|------|------|-----|
| 439.00 | 20000. | 320. | 600. | 22.0 | 16.0 | 2.4 |
| 106.11 | 1112.* | 15.* D | 52.* U | 8.2 | 11.5 | 1.1 |
| 24.00 | 190. | 1. | 4. | 0.0 | 8.0 | 0.1 |
| 12 | 11 | 9 | 11 | 11 | 11 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P-MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDRAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1300 | | .3 | | 0.048 | 0.005 | 0.050 | 0.660 | 0.008 | 1.600 | 427.0 | 32.0 | | |
| 25 | 02 | 76 | 1030 | | .3 | | 0.076 | 0.010 | 0.018 | 0.620 | 0.010 | 1.640 | 347.0 | 38.0 | | |
| 17 | 03 | 76 | 1130 | | .3 | | 0.037 | 0.007 | 0.032 | 0.430 | 0.006 | 1.800 | 347.0 | 16.0 | | |
| 21 | 04 | 76 | 1100 | | .3 | | 0.025 | 0.003 | 0.002L | 0.470 | 0.008 | 1.520 | 348. | 6.7 | | |
| 26 | 05 | 76 | 1200 | | .3 | | 0.016 | 0.002 | 0.002L | 0.490 | 0.007 | 1.690 | 360.0 | 4.4 | | |
| 16 | 06 | 76 | 1030 | | .3 | | 0.030 | 0.004 | 0.010 | 0.570 | 0.018 | 1.930 | 375.0 | 8.7 | | |
| 14 | 07 | 76 | 1330 | | .3 | | 0.017 | 0.003 | 0.026 | 0.570 | 0.006 | 1.490 | 409.0 | 3.6 | | |
| 10 | 08 | 76 | 1400 | | .3 | | 0.027 | 0.003 | 0.008 | 0.490 | 0.004 | 1.900 | 351.0 | 5.7 | | |
| 22 | 09 | 76 | 1330 | | .3 | | 0.034 | 0.010 | 0.004 | 0.690 | 0.004 | 0.936 | 388.0 | 9.4 | | |
| 19 | 10 | 76 | 1000 | | .3 | | 0.006 | 0.003 | 0.004 | 0.540 | 0.005 | 1.340 | 359.0 | 1.0 | | |
| 23 | 11 | 76 | 1115 | | .3 | | 0.015 | 0.003 | 0.002 | 0.230 | 0.003 | 1.620 | 335.0 | 2.5 | | |
| 21 | 12 | 76 | 1100 | | .3 | | 0.058 | 0.020 | 0.078 | 0.650 | 0.013 | 1.740 | 414.0 | 7.9 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| | | | | | | | |
|-------|-------|--------|-------|-------|-------|-------|------|
| 0.076 | 0.020 | 0.078 | 0.690 | 0.018 | 1.930 | 427.0 | 38.0 |
| 0.032 | 0.006 | 0.020D | 0.534 | 0.008 | 1.601 | 371.7 | 11.3 |
| 0.006 | 0.002 | 0.002 | 0.230 | 0.003 | 0.936 | 335.0 | 1.0 |
| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1300 | | .3 | | 630 | 9.50 | 22.0 | | | | | | | |
| 25 | 02 | 76 | 1030 | | .3 | | 485 | 21.00 | 22.0 | | | | | | | |
| 17 | 03 | 76 | 1130 | | .3 | | 520 | 5.50 | 23.0 | | | | | | | |
| 21 | 04 | 76 | 1100 | | .3 | | 550 | 4.0 | 19. | | | | | | | |
| 26 | 05 | 76 | 1200 | | .3 | | 550 | 1.60 | 18.0 | | | | | | | |
| 16 | 06 | 76 | 1030 | | .3 | | 540 | 3.50 | 20.5 | | | | | | | |
| 14 | 07 | 76 | 1330 | | .3 | | 540 | 3.50 | 21.5 | | | | | | | |
| 10 | 08 | 76 | 1400 | | .3 | | 530 | 5.50 | 22.0 | | | | | | | |
| 22 | 09 | 76 | 1330 | | .3 | | 580 | 5.20 | 23.0 | | | | | | | |
| 19 | 10 | 76 | 1000 | | .3 | | 580 | 2.50 | 22.0 | | | | | | | |
| 23 | 11 | 76 | 1115 | | .3 | | 590 | 3.80 | 23.0 | | | | | | | |
| 21 | 12 | 76 | 1100 | | .3 | | 610 | 15.00 | 28.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| | | |
|-----|-------|------|
| 630 | 21.00 | 28.0 |
| 559 | 6.72 | 22.0 |
| 485 | 1.60 | 18.0 |
| 12 | 12 | 12 |

B.O.W. / SITE: MOUNTSBERG CREEK
 SAMPLE POINT: AT COUNTY ROAD 18
 STATION TYPE: RIVER

STATION ID: 06-0060-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

STN NO 3 LAT LONG U.T.M. 17 0578250.0 4810300.0 4 REGION 02 MILEAGE 27.10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 0845 | | | .3 | | 30216 | 6.8 | | 110. | 1. | 4. | | 0.0 | 11.0 | 1.6 |
| 25 | 02 | 76 | 1430 | | | .3 | | 30234 | 6.8 | | 780. | 4. | 28. | | 1.5 | 5.0 | 1.2 |
| 17 | 03 | 76 | 1515 | | | .3 | | 30252 | 6.8 | | | | | | 2.0 | 13.0 | 1.4 |
| 21 | 04 | 76 | 1515 | | | .3 | | 30270 | 8 | | 700. | 36. | 44. | | 12.0 | 8.0 | 1.8 |
| 26 | 05 | 76 | 1400 | | | .3 | | 30288 | 6.8 | | 500. | 12. | 20. | | | | 1.2 |
| 18 | 06 | 76 | 1530 | | | .3 | | 30306 | 6.8 | | 1700. | | 448. | | 21.5 | 8.0 | 2.6 |
| 14 | 07 | 76 | 1500 | | | .3 | | 30324 | 6.8 | | 300. | | 148. | | 20.5 | 9.0 | 2.2 |
| 10 | 08 | 76 | 1330 | | | .3 | | 30342 | 6.8 | | 600. | 1. | 160. | | 19.5 | 9.0 | 2.6 |
| 22 | 09 | 76 | 0830 | | | .3 | | 30360 | 8 | | 1600. | 116. | 128. | | 14.0 | 8.0 | 2.2 |
| 19 | 10 | 76 | 0840 | | | .3 | | 30378 | 8.6 | | 160. | 16. | 12. | | 6.0 | 10.0 | 1.6 |
| 23 | 11 | 76 | 1500 | | | .3 | | 30396 | | | 120. | 1. | 32. | | 0.5 | 3.0 | 1.0 |
| 20 | 12 | 76 | 1230 | | | .3 | | 30414 | | | 300. | 8. | 84. | | 2.0 | 9.0 | 2.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1700.
 426.*
 110.

NO OF SAMPLES

11 9 11 11 11 12

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 0845 | | | .3 | | 0.022 | 0.001 | 0.120 | 0.750 | 0.010 | 0.310 | 400.0 | 25.0 | | |
| 25 | 02 | 76 | 1430 | | | .3 | | 0.015 | 0.001L | 0.006 | 0.450 | 0.008 | 1.020 | 296.0 | 2.3 | | |
| 17 | 03 | 76 | 1515 | | | .3 | | 0.044 | 0.002 | 0.002L | 0.670 | 0.004 | 0.586 | 296.0 | 18.0 | | |
| 21 | 04 | 76 | 1515 | | | .3 | | 0.048 | 0.003 | 0.018 | 0.650 | 0.011 | 0.119 | | 5.9 | | 244 |
| 26 | 05 | 76 | 1400 | | | .3 | | 0.048 | 0.009 | 0.054 | 0.780 | 0.021 | 0.189 | 274.0 | 3.8 | | |
| 16 | 06 | 76 | 1530 | | | .3 | | 0.075 | 0.002 | 0.010 | 0.940 | 0.015 | 0.170 | 293.0 | 9.1 | | |
| 14 | 07 | 76 | 1500 | | | .3 | | 0.076 | 0.002 | 0.016 | 0.950 | 0.002 | 0.030 | 305.0 | 20.0 | | |
| 10 | 08 | 76 | 1330 | | | .3 | | 0.081 | 0.006 | 0.062 | 1.060 | 0.022 | 0.213 | 293.0 | 9.2 | | |
| 22 | 09 | 76 | 0830 | | | .3 | | 0.073 | 0.004 | 0.018 | 1.060 | 0.004 | 0.051 | 275.0 | 11.0 | | |
| 19 | 10 | 76 | 0840 | | | .3 | | 0.026 | 0.002 | 0.008 | 0.770 | 0.004 | 0.041 | 293.0 | 3.5 | | |
| 23 | 11 | 76 | 1500 | | | .3 | | 0.024 | 0.002 | 0.010 | 0.470 | 0.003 | 0.047 | 292.0 | 4.0 | | |
| 20 | 12 | 76 | 1230 | | | .3 | | 0.028 | 0.011 | 0.056 | 0.650 | 0.009 | 0.192 | 388.0 | 3.2 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.081 0.011 0.120 1.060 0.022 1.020 400.0 25.0 244
 0.047 0.0040 0.0320 0.767 0.009 0.247 309.5 9.6 244
 0.015 0.001 0.002 0.450 0.002 0.030 274.0 2.3 244

NO OF SAMPLES

12 12 12 12 12 12 11 12 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 0845 | | | .3 | | 620 | 2.00 | 18.0 | | | | | | | |
| 25 | 02 | 76 | 1430 | | | .3 | | 465 | 1.00 | 17.5 | | | | | | | |
| 17 | 03 | 76 | 1515 | | | .3 | | 450 | 3.50 | 18.5 | | | | | | | |
| 21 | 04 | 76 | 1515 | | | .3 | | 375 | 3.30 | 12.5 | | | | | | | |
| 26 | 05 | 76 | 1400 | | | .3 | | 445 | 2.20 | 12.5 | | | | | | | |
| 16 | 06 | 76 | 1530 | | | .3 | | 435 | 5.00 | 14.0 | | | | | | | |
| 14 | 07 | 76 | 1500 | | | .3 | | 420 | 11.00 | 14.0 | | | | | | | |
| 10 | 08 | 76 | 1330 | | | .3 | | 440 | 4.70 | 13.5 | | | | | | | |
| 22 | 09 | 76 | 0830 | | | .3 | | 430 | 6.00 | 12.0 | | | | | | | |
| 19 | 10 | 76 | 0840 | | | .3 | | 455 | 3.00 | 13.5 | | | | | | | |
| 23 | 11 | 76 | 1500 | | | .3 | | 490 | 2.60 | 16.0 | | | | | | | |
| 20 | 12 | 76 | 1230 | | | .3 | | 590 | 2.00 | 18.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

620 11.00 18.5
 468 3.86 15.0
 375 1.00 12.0

NO OF SAMPLES

12 12 12

B.O.W./ SITE: MOUNTSBERG CREEK
 SAMPLE POINT: AT HIGHWAY 401 ABOVE MOUNTSBERG RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0060-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BRONTE CREEK

STORET CODE: 02
 004
 4430

| STN NO | 4 | LAT | LONG | U.T.M. 17 0575050.0 4813050.0 4 | REGION 02 | MILEAGE | 30.60 | | | | | | | | | |
|---------|-----------|----------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 0830 | | .3 | | 30217 | 4 | | 150. | 28. | 24. | | 0.0 | 8.0 | 6.0 |
| 25 | 02 | 76 | 1100 | | .3 | | 30235 | | | 270. | | | | 0.0 | 7.0 | 0.8 |
| 17 | 03 | 76 | 1100 | | .3 | | 30253 | 4 | | | | 8. | | 0.0 | 8.0 | 1.0 |
| 21 | 04 | 76 | 1530 | | .3 | | 30271 | 8 | | 50. | 1. | 8. | | 14.0 | 9.0 | 1.2 |
| 26 | 05 | 76 | 1145 | | .3 | | 30289 | 8 | | 700. | 20. | 4. | | 11.0 | 10.0 | 1.0 |
| 16 | 06 | 76 | 1500 | | .3 | | 30307 | 8 | | 1500. | | 588. | | 17.5 | 7.0 | 0.6 |
| 14 | 07 | 76 | 1430 | | .3 | | 30325 | 8 | | | | | | 15.0 | 10.0 | 0.6 |
| 10 | 08 | 76 | 1445 | | .3 | | 30343 | 8 | | 400. | 1. | 200. | | 19.5 | 10.0 | 1.0 |
| 22 | 09 | 76 | 1500 | | .3 | | 30361 | 8 | | 1800. | 364. | 652. | | 12.0 | 11.0 | 1.8 |
| 19 | 10 | 76 | 0830 | | .3 | | 30379 | 8 | | 180. | 150. | 50. | | 3.5 | 10.0 | 0.8 |
| 23 | 11 | 76 | 1150 | | .3 | | 30397 | 8 | | 150. | 12. | 64. | | 1.0 | 11.0 | 0.2 |
| 20 | 12 | 76 | 1130 | | .3 | | 30415 | 4 | | 2800. | 32. | 128. | | 0.0 | 9.0 | 1.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

2800.
 404.*
 50.

NO OF SAMPLES

10 9 10 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 | 01 | 76 | 0830 | | | .3 | 0.032 | 0.002 | 0.010L | 0.580 | 0.005 | 0.470 | 404.0 | 16.0 | | |
| 25 | 02 | 76 | 1100 | | | .3 | 0.009 | 0.001L | 0.002L | 0.420 | 0.004 | 0.486 | 280.0 | 1.0L | | |
| 17 | 03 | 76 | 1100 | | | .3 | 0.007 | 0.003 | 0.002 | 0.410 | 0.002 | 0.368 | 309.0 | 1.3 | | |
| 21 | 04 | 76 | 1530 | | | .3 | 0.024 | 0.001 | 0.002 | 0.640 | 0.005 | 0.100 | 346.0 | 2.2 | | |
| 26 | 05 | 76 | 1145 | | | .3 | 0.023 | 0.004 | 0.004 | 0.620 | 0.002 | 0.198 | 327.0 | 3.4 | | |
| 18 | 06 | 76 | 1500 | | | .3 | 0.039 | 0.009 | 0.010 | 0.440 | 0.005 | 0.355 | 340.0 | 2.1 | | |
| 14 | 07 | 76 | 1430 | | | .3 | 0.024 | 0.014 | 0.012 | 0.320 | 0.002 | 0.242 | 354.0 | 2.3 | | |
| 10 | 08 | 76 | 1445 | | | .3 | 0.028 | 0.014 | 0.008 | 0.410 | 0.002 | 0.373 | 247.0 | 2.5 | | |
| 22 | 09 | 76 | 1500 | | | .3 | 0.031 | 0.010 | 0.004 | 0.710 | 0.002 | 0.048 | 371.0 | 2.0 | | |
| 19 | 10 | 76 | 0830 | | | .3 | 0.015 | 0.003 | 0.008 | 0.380 | 0.002 | 0.213 | 366.0 | 5.8 | | |
| 23 | 11 | 76 | 1150 | | | .3 | 0.011 | 0.003 | 0.006 | 0.200 | 0.002 | 0.408 | 354.0 | 5.7 | | |
| 20 | 12 | 76 | 1130 | | | .3 | 0.052 | 0.024 | 0.120 | 0.500 | 0.012 | 0.790 | 388.0 | 2.7 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.052
 0.025
 0.007

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 18 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 | 01 | 76 | 0830 | | | .3 | 600 | 1.90 | 15.5 | | | | | | | |
| 25 | 02 | 76 | 1100 | | | .3 | 450 | 0.55 | 19.0 | | | | | | | |
| 17 | 03 | 76 | 1100 | | | .3 | 485 | 1.00 | 19.0 | | | | | | | |
| 21 | 04 | 76 | 1530 | | | .3 | 500 | 2.40 | 14.5 | | | | | | | |
| 26 | 05 | 76 | 1145 | | | .3 | 500 | 0.75 | 9.6 | | | | | | | |
| 18 | 06 | 76 | 1500 | | | .3 | 520 | 1.20 | 5.4 | | | | | | | |
| 14 | 07 | 76 | 1430 | | | .3 | 540 | 1.20 | 8.0 | | | | | | | |
| 10 | 08 | 76 | 1445 | | | .3 | 519 | 1.60 | 5.6 | | | | | | | |
| 22 | 09 | 76 | 1500 | | | .3 | 550 | 1.00 | 16.5 | | | | | | | |
| 19 | 10 | 76 | 0830 | | | .3 | 580 | 3.00 | 12.5 | | | | | | | |
| 23 | 11 | 76 | 1150 | | | .3 | 610 | 2.20 | 13.5 | | | | | | | |
| 20 | 12 | 76 | 1130 | | | .3 | 610 | 3.50 | 31.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

610
 539
 450

NO OF SAMPLES

12 12 12

B.O.W. / SITE: FOURTEEN MILE CREEK
 SAMPLE POINT: AT QUEEN ELIZABETH WAY
 STATION TYPE: RIVER

STATION ID: 06-0061-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MCCRANEY CREEK

STORET CODE: 02
 004
 4390

| STN NO | 1 | LAT | LONG | U.T.M. 17 0603020.0 4808225.0 4 | REGION 03 | MILEAGE | 2.40 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1130 | | .3 | | 30211 | 4 | | 50. | 10. | 50. | | 1.0 | 13.0 | 4.6 |
| 25 | 02 | 76 | 1130 | | .3 | | 30229 | 6 8 | | 3000. | 80. | 80. | | 0.5 | 13.0 | 5.0 |
| 17 | 03 | 76 | 1315 | | .3 | | 30247 | 6 8 | | | | | | 0.0 | 13.0 | 16.0 |
| 21 | 04 | 76 | 1300 | | .3 | | 30265 | 8 | | 200. | 1. | 108. | | 15.0 | 11.0 | 1.8 |
| 26 | 05 | 76 | 1115 | | .3 | | 30283 | 8 6 | | 100. | 50. | 80. | | | | 1.2 |
| 16 | 06 | 76 | 1230 | | .3 | | 30301 | 8 6 | | 2500. | | 1500. | G | 22.0 | 11.0 | 1.0 |
| 14 | 07 | 76 | 1200 | | .3 | | 30319 | 8 6 | | 1000. | | 170. | | 18.5 | 8.0 | 1.4 |
| 10 | 08 | 76 | 1030 | | .3 | | 30337 | 8 6 | | 500. | 1. | 180. | | 18.0 | 10.0 | 2.0 |
| 22 | 09 | 76 | 1045 | | .3 | | 30355 | 8 | | 1300. | 184. | 356. | | 12.5 | 11.0 | 1.0 |
| 19 | 10 | 76 | 1100 | | .3 | | 30373 | 8 | | 230. | 56. | 30. | | 6.0 | 12.0 | 1.2 |
| 23 | 11 | 76 | 1100 | | .3 | | 30391 | 8 | | 90. | 16. | 12. | | 1.0 | 7.0 | 1.4 |
| 20 | 12 | 76 | 1630 | | .3 | | 30409 | | | 31000E+1 | 990. | 1730. | | 0.0 | 5.0 | 16.0 |
| | | | | | | | | | | 31000E+1 | 990. | 1730. | | 22.0 | 13.0 | 16.0 |
| MAXIMUM | | | | | | | | | | 730.* | 27.* | 138.* | U | 8.6 | 10.4 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 50. | 1. | 12. | | 0.0 | 5.0 | 1.0 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 11 | 9 | 11 | | 11 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 | 01 | 76 | 1130 | | .3 | | 0.024 | 0.001 | 0.010L | 0.400 | 0.016 | 1.600 | 607.0 | 3.0 | | |
| 25 | 02 | 76 | 1130 | | .3 | | 0.140 | 0.035 | 0.008 | 0.810 | 0.028 | 2.000 | 371.0 | 19.0 | | |
| 17 | 03 | 76 | 1315 | | .3 | | 1.180 | 0.025 | 0.050 | 1.070 | 0.015 | 1.550 | 401.0 | 12.0 | | |
| 21 | 04 | 76 | 1300 | | .3 | | 0.115 | 0.034 | 0.102 | 0.680 | 0.017 | 0.258 | 423.0 | 6.2 | | |
| 26 | 05 | 76 | 1115 | | .3 | | 0.027 | 0.006 | 0.026 | 0.400 | 0.029 | 0.561 | 416.0 | 1.6 | | |
| 16 | 06 | 76 | 1230 | | .3 | | 0.030 | 0.002 | 0.012 | 0.450 | 0.002 | 0.008 | 475.0 | 2.8 | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.083 | 0.055 | 0.008 | 0.400 | 0.006 | 0.056 | 512.0 | 0.9 | | |
| 10 | 08 | 76 | 1030 | | .3 | | 0.030 | 0.010 | 0.002 | 0.350 | 0.002 | 0.013 | 519.0 | 2.2 | | |
| 22 | 09 | 76 | 1045 | | .3 | | 0.071 | 0.038 | 0.002 | 0.560 | 0.003 | 0.342 | 444.0 | 9.5 | | |
| 19 | 10 | 76 | 1100 | | .3 | | 0.016 | 0.006 | 0.006 | 0.250 | 0.002 | 0.005L | 522.0 | 1.9 | | |
| 23 | 11 | 76 | 1100 | | .3 | | 0.011 | 0.003 | 0.002 | 0.180 | 0.001 | 0.034 | 476.0 | 1.4 | | |
| 20 | 12 | 76 | 1630 | | .3 | | 1.000 | 0.282 | 0.196 | 3.400 | 0.130 | 2.200 | 670.0 | 177.0 | | |
| | | | | | | | 1.180 | 0.282 | 0.196 | 3.400 | 0.130 | 2.200 | 670.0 | 177.0 | | |
| MAXIMUM | | | | | | | 0.227 | 0.041 | 0.035D | 0.746 | 0.021 | 0.719D | 486.3 | 19.8 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.011 | 0.001 | 0.002 | 0.180 | 0.001 | 0.005 | 371.0 | 0.9 | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 | 01 | 76 | 1130 | | .3 | | 920 | 2.80 | 115.0 | | | | | | | |
| 25 | 02 | 76 | 1130 | | .3 | | 550 | 21.00 | 68.0 | | | | | | | |
| 17 | 03 | 76 | 1315 | | .3 | | 620 | 1.90 | 75.0 | | | | | | | |
| 21 | 04 | 76 | 1300 | | .3 | | 700 | 2.90 | 73.0 | | | | | | | |
| 26 | 05 | 76 | 1115 | | .3 | | 700 | 1.40 | 55.0 | | | | | | | |
| 16 | 06 | 76 | 1230 | | .3 | | 700 | 2.30 | 75.0 | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 785 | 1.60 | 100.0 | | | | | | | |
| 10 | 08 | 76 | 1030 | | .3 | | 790 | 2.50 | 87.0 | | | | | | | |
| 22 | 09 | 76 | 1045 | | .3 | | 580 | 10.00 | 67.5 | | | | | | | |
| 19 | 10 | 76 | 1100 | | .3 | | 860 | 2.80 | 90.0 | | | | | | | |
| 23 | 11 | 76 | 1100 | | .3 | | 840 | 3.20 | 88.0 | | | | | | | |
| 20 | 12 | 76 | 1630 | | .3 | | 600 | 260.00 | 50.5 | | | | | | | |
| | | | | | | | 920 | 260.00 | 115.0 | | | | | | | |
| MAXIMUM | | | | | | | 720 | 26.03 | 78.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 550 | 1.40 | 50.5 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: FOURTEEN MILE CREEK
SAMPLE POINT: AT UPPER MIDDLE ROAD
STATION TYPE: RIVER

STATION ID: 06-0061-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MCCRANEY CREEK

STORET CODE: 02
004
4390

| STN NO | 2 | LAT | LONG | U.T.M. 17 0600575.0 4808490.0 4 | REGION 03 | MILEAGE | 4.10 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 21 01 76 1115 | | | .3 | | 30212 | 4 | | 70. | 4. | 12. | | 1.0 | 11.0 | 1.8 |
| 25 02 76 1115 | | | .3 | | 30230 | 8 6 | | 2600. | 56. | 44. | | 0.5 | 13.0 | 2.0 |
| 17 03 76 1330 | | | .3 | | 30248 | 8 6 | | | | | | 0.0 | 13.0 | 1.0 |
| 21 04 76 1315 | | | .3 | | 30266 | 8 | | 400. | 32. | 8. | | 15.0 | 11.0 | 1.2 |
| 26 05 76 1100 | | | .3 | | 30284 | 7 6 | | 400. | 56. | 76. | | | | 0.4 |
| 16 06 76 1300 | | | .3 | | 30302 | 7 6 | | 300. | | 332. | | 21.0 | 5.0 | 1.0 |
| 14 07 76 1230 | | | .3 | | 30320 | 7 6 | | 230. | | 180. | | 18.0 | 5.0 | 1.2 |
| 10 08 76 1045 | | | .3 | | 30338 | 7 6 | | 1500. | 1. | 169. | | 17.0 | 7.0 | 0.4 |
| 22 09 76 1030 | | | .3 | | 30356 | 8 6 | | 1800. | 156. | 416. | | 11.0 | | 1.4 |
| 19 10 76 1045 | | | .3 | | 30374 | 9 | | 100. | 12. | 20. | | 16.0 | 19.0 | 1.6 |
| 23 11 76 1130 | | | .3 | | 30392 | 8 | | 140. | 1. | 1. | | 2.0 | 5.0 | 0.4 |
| 20 12 76 1645 | | | .3 | | 30410 | | | 33000E+1 | 7200. | 1670. | | 0.0 | 7.0 | 22.0 |
| MAXIMUM | | | | | | | | 33000E+1 | 7200. | 1670. | | 21.0 | 19.0 | 22.0 |
| AVG OR GEOM MN (*) | | | | | | | | 715.* | 26.* | 61.* | | 9.2 | 9.6 | 2.9 |
| MINIMUM | | | | | | | | 70. | 1. | 1. | | 0.0 | 5.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 9 | 11 | | 11 | 10 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 21 01 76 1115 | | | .3 | | 0.065 | 0.018 | 0.170 | 0.690 | 0.018 | 1.900 | 873.0 | 3.0 | | |
| 25 02 76 1115 | | | .3 | | 0.112 | 0.051 | 0.102 | 0.750 | 0.020 | 2.330 | 324.0 | 19.0 | | |
| 17 03 76 1330 | | | .3 | | 0.078 | 0.035 | 0.062 | 0.540 | 0.014 | 2.250 | 345.0 | 13.0 | | |
| 21 04 76 1315 | | | .3 | | 0.020 | 0.001 | 0.006 | 0.350 | 0.005 | 0.125 | 402.0 | 4.3 | | |
| 26 05 76 1100 | | | .3 | | 0.019 | 0.005 | 0.008 | 0.250 | 0.002 | 0.088 | 415.0 | 0.5 | | |
| 16 06 76 1300 | | | .3 | | 0.085 | 0.008 | 0.002L | 0.530 | 0.001 | 0.019 | 420.0 | 4.0 | | |
| 14 07 76 1230 | | | .3 | | 0.036 | 0.001L | 0.006 | 0.470 | 0.002 | 0.005L | 556.0 | 2.9 | | |
| 10 08 76 1045 | | | .3 | | 0.027 | 0.001 | 0.008 | 0.390 | 0.002 | 0.013 | 517.0 | 2.7 | | |
| 22 09 76 1030 | | | .3 | | 0.049 | 0.020 | 0.004 | 0.750 | 0.003 | 0.687 | 439.0 | 3.0 | | |
| 19 10 76 1045 | | | .3 | | 0.016 | 0.001 | 0.004 | 0.240 | 0.003 | 0.005L | 470.0 | 2.3 | | |
| 23 11 76 1130 | | | .3 | | 0.014 | 0.001 | 0.004 | 0.160 | 0.002 | 0.043 | 420.0 | 2.2 | | |
| 20 12 76 1645 | | | .3 | | 0.990 | 0.320 | 0.348 | 4.200 | 0.076 | 1.000 | 378.0 | 118.0 | | |
| MAXIMUM | | | | | 0.990 | 0.320 | 0.348 | 4.200 | 0.076 | 2.330 | 873.0 | 118.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.126 | 0.0390 | 0.0600 | 0.777 | 0.012 | 0.7050 | 463.3 | 14.6 | | |
| MINIMUM | | | | | 0.014 | 0.001 | 0.002 | 0.160 | 0.001 | 0.005 | 324.0 | 0.5 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 21 01 76 1115 | | | .3 | | 1370 | 8.00 | 275.0 | | | | | | | |
| 25 02 76 1115 | | | .3 | | 450 | 33.00 | 46.5 | | | | | | | |
| 17 03 76 1330 | | | .3 | | 475 | 25.00 | 43.0 | | | | | | | |
| 21 04 76 1315 | | | .3 | | 650 | 2.10 | 43.0 | | | | | | | |
| 26 05 76 1100 | | | .3 | | 650 | 0.55 | 40. | | | | | | | |
| 16 06 76 1300 | | | .3 | | 680 | 0.75 | 37.5 | | | | | | | |
| 14 07 76 1230 | | | .3 | | 880 | 2.30 | 100.0 | | | | | | | |
| 10 08 76 1045 | | | .3 | | 870 | 2.70 | 84.0 | | | | | | | |
| 22 09 76 1030 | | | .3 | | 670 | 3.30 | 60.0 | | | | | | | |
| 19 10 76 1045 | | | .3 | | 800 | 3.50 | 60.0 | | | | | | | |
| 23 11 76 1130 | | | .3 | | 760 | 3.60 | 53.0 | | | | | | | |
| 20 12 76 1645 | | | .3 | | 400 | 130.00 | 70.0 | | | | | | | |
| MAXIMUM | | | | | 1370 | 130.00 | 275.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 721 | 17.90 | 76.0 | | | | | | | |
| MINIMUM | | | | | 400 | 0.55 | 37.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./-SITE: OAKVILLE CREEK
SAMPLE POINT: HIGHWAY 2, OAKVILLE
STATION TYPE: RIVER

STATION ID: 06-0063-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
004
4340

STN NO 1 LAT LONG U.T.M. 17 0607500.0 4810600.0 4 REGION 03 MILEAGE 0.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 1145 | | | .3 | | 30209 | 4 | | 360. | 44. | 1. | | 2.5 | 15.0 | 1.0 |
| 25 | 02 | 76 | 1200 | | | .3 | | 30227 | 6 | | 3000. | 72. | 164. | | 1.0 | 13.0 | 2.2 |
| 17 | 03 | 76 | 1300 | | | .3 | | 30245 | 6 8 | | | | | | 1.0 | 13.0 | 0.8 |
| 21 | 04 | 76 | 1245 | | | .3 | | 30263 | 8 | | 700. | 10. | 10. | | 14.5 | 10.0 | 1.6 |
| 12 | 05 | 76 | 1500 | | | .3 | | 27226 | 6 | | 13200. | 1420. | 1010. | | 13.0 | 8.2 | 2.2 |
| 26 | 05 | 76 | 1000 | | | .3 | | 30281 | 6 8 | | 5000. | 640. | 20. | | 23.0 | 9.0 | 1.8 |
| 16 | 06 | 76 | 1130 | | | .3 | | 30299 | 6 8 | | 6000. | | 70. | | 23.5 | 9.0 | 2.0 |
| 24 | 06 | 76 | 1755 | | | .3 | | 27322 | 6 | | 57000. | 290. | 50. | | 18.5 | 7.0 | 1.0 |
| 14 | 07 | 76 | 1130 | | | .3 | | 30317 | 6 8 | | 2700. | | 420. | | 19.8 | 10.0 | 1.2 |
| 23 | 07 | 76 | 1420 | | | .3 | | 27355 | 6 | | 3000. | | 120. | | 18.5 | 8.0 | 1.4 |
| 10 | 08 | 76 | 1000 | | | .3 | | 30335 | 6 8 | | 3600. | 1. | 690. | | 22.8 | 12.0 | 1.2 |
| 20 | 08 | 76 | 1300 | | | .3 | | 27412 | 6 | | 4100. | | 380. | | 18.0 | 10.8 | 1.0 |
| 10 | 09 | 76 | 1045 | | | .3 | | 27462 | 6 8 | | 4600. | 480. | 600. | | 15.0 | 10.0 | 1.2 |
| 22 | 09 | 76 | 1130 | | | .3 | | 30353 | 6 8 | | 10000. | 244. | 148. | | 9.0 | 10.0 | 1.0 |
| 19 | 10 | 76 | 1130 | | | .3 | | 30371 | 6 8 | | 300. | 80. | 16. | | 8.8 | 7.5 | 1.0 |
| | | | 1210 | | | .3 | | 27527 | 6 | | 800. | 36. | 30. | | 3.2 | 9.6 | 1.1 |
| 08 | 11 | 76 | 1005 | | | .3 | | 27584 | 6 | | 270. | 30. | 10. | | 1.0 | 13.0 | 0.4 |
| 23 | 11 | 76 | 1000 | | | .3 | | 30389 | 6 8 | | 320. | 70. | 4. | | 1.0 | 15.4 | 0.8 |
| 06 | 12 | 76 | 1300 | | | .3 | | 27639 | 4 | | 430. | 28. | 4. | | 0.0 | 6.0 | 1.4 |
| 20 | 12 | 76 | 1600 | | | .3 | | 30407 | 4 | | 3600. | 510. | 268. | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

57000.
2193.*
270.

1420.
85.* D
1.

1010.
58.* D
1.

23.5
11.3
0.0

15.4
10.3
6.0

2.2
1.3
0.4

NO OF SAMPLES

19

15

19

19

19

20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1145 | | | .3 | | 0.080 | 0.049 | 0.180 | 0.550 | 0.023 | 0.930 | 365.0 | 6.0 | | |
| 25 | 02 | 76 | 1200 | | | .3 | | 0.055 | 0.037 | 0.098 | 0.410 | 0.018 | 1.960 | 365.0 | 40.0 | | |
| 17 | 03 | 76 | 1300 | | | .3 | | 0.065 | 0.018 | 0.072 | 0.520 | 0.016 | 1.500 | 383.0 | 18.0 | | |
| 21 | 04 | 76 | 1245 | | | .3 | | 0.060 | 0.010 | 0.038 | 0.550 | 0.015 | 0.175 | 316.0 | 11.0 | | |
| 12 | 05 | 76 | 1500 | | | .3 | | 0.130 | 0.044 | 0.080 | 0.300 | 0.031 | 0.634 | 362.0 | 36.0 | 326 | |
| 26 | 05 | 76 | 1000 | | | .3 | | 0.032 | 0.007 | 0.044 | 0.560 | 0.013 | 0.057 | 264.0 | 8.6 | | |
| 16 | 06 | 76 | 1130 | | | .3 | | 0.072 | 0.007 | 0.030 | 0.670 | 0.007 | 0.038 | 318.0 | 17.0 | | |
| 24 | 06 | 76 | 1755 | | | .3 | | 0.093 | 0.007 | 0.017 | 0.690 | 0.016 | 0.199 | 349.0 | 8.0 | 341 | |
| 14 | 07 | 76 | 1130 | | | .3 | | 0.049 | 0.019 | 0.014 | 0.370 | 0.007 | 0.052 | 342.0 | 11.0 | | |
| 23 | 07 | 76 | 1420 | | | .3 | | 0.062 | 0.024 | 0.032 | 0.440 | 0.006 | 0.063 | 302.0 | 28.0 | 274 | |
| 10 | 08 | 76 | 1000 | | | .3 | | 0.070 | 0.036 | 0.034 | 0.480 | 0.007 | 0.568 | 320.0 | 5.5 | | |
| 20 | 08 | 76 | 1300 | | | .3 | | 0.076 | 0.017 | 0.018 | 0.660 | 0.007 | 0.088 | 365.0 | 7.9 | 357 | |
| 10 | 09 | 76 | 1045 | | | .3 | | 0.063 | 0.018 | 0.022 | 0.460 | 0.004 | 0.116 | 290.0 | 15.0 | 275 | |
| 22 | 09 | 76 | 1130 | | | .3 | | 0.111 | 0.063 | 0.056 | 0.600 | 0.027 | 0.723 | 361.0 | 19.0 | | |
| 19 | 10 | 76 | 1130 | | | .3 | | 0.072 | 0.043 | 0.066 | 0.440 | 0.006 | 0.369 | 403.0 | 11.0 | | |
| | | | 1210 | | | .3 | | 0.111 | 0.058 | 0.070 | 0.410 | 0.005 | 0.360 | 411.0 | 14.0 | 397 | |
| 08 | 11 | 76 | 1005 | | | .3 | | 0.068 | 0.052 | 0.028 | 0.410 | 0.003 | 0.832 | 409.0 | 2.9 | 406 | |
| 23 | 11 | 76 | 1000 | | | .3 | | 0.059 | 0.039 | 0.028 | 0.400 | 0.011 | 1.110 | 367.0 | 4.1 | | |
| 06 | 12 | 76 | 1300 | | | .3 | | 0.046 | 0.025 | 0.066 | 0.330 | 0.005 | 0.600 | 294.0 | 10.0 | 284 | |
| 20 | 12 | 76 | 1600 | | | .3 | | 0.136 | 0.105 | 0.390 | 0.720 | 0.011 | 1.440 | 458.0 | 6.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.136
0.076
0.032

0.105
0.034
0.007

0.390
0.069
0.014

0.720
0.499
0.300

0.031
0.012
0.003

1.960
0.593
0.038

458.0
352.2
264.0

40.0
14.0
2.9

406
333
274

NO OF SAMPLES

20

20

20

20

20

20

20

20

20

8

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1145 | | | .3 | | 580 | 4.30 | 62.0 | | | | | | | |
| 25 | 02 | 76 | 1200 | | | .3 | | 500 | 32.00 | 44.0 | | | | | | | |
| 17 | 03 | 76 | 1300 | | | .3 | | 540 | 9.50 | 45.0 | | | | | | | |
| 21 | 04 | 76 | 1245 | | | .3 | | 475 | 9.10 | 34.0 | | | | | | | |
| 12 | 05 | 76 | 1500 | | | .3 | | 500 | 55.00 | 32.0 | 32.5 | 1.30 | | | 8.24 | | 3.600 |
| 26 | 05 | 76 | 1000 | | | .3 | | 500 | 4.60 | 33.5 | | | | | | | |
| 16 | 06 | 76 | 1130 | | | .3 | | 465 | 8.10 | 43.5 | | | | | | | |
| 24 | 06 | 76 | 1755 | | | .3 | | 520 | 3.30 | 42.0 | 38.0 | 0.75 | | | | | |
| 14 | 07 | 76 | 1130 | | | .3 | | 466 | 7.00 | 41.0 | | | | | 8.57 | | 0.380 |
| 23 | 07 | 76 | 1420 | | | .3 | | 450 | 10.00 | 26.5 | 32.5 | 0.45 | | | | | |
| 10 | 08 | 76 | 1000 | | | .3 | | 530 | 4.50 | 48.0 | | | | | 8.28 | | 0.680 |
| 20 | 08 | 76 | 1300 | | | .3 | | 500 | 4.40 | 49.0 | 37.5 | 1.55 | | | | | |
| 10 | 09 | 76 | 1045 | | | .3 | | 500 | 6.60 | 40.5 | 37.5 | 1.30 | | | 8.56 | | 0.330 |
| 22 | 09 | 76 | 1130 | | | .3 | | 560 | 20.00 | 42.0 | | | | | 8.57 | | 0.710 |
| 19 | 10 | 76 | 1130 | | | .3 | | 660 | 8.00 | 62.5 | | | | | | | |
| | | | 1210 | | | .3 | | 670 | 8.60 | 65.0 | 48.0 | 0.55 | | | | | |
| 08 | 11 | 76 | 1005 | | | .3 | | 680 | 3.50 | 60.0 | 53.0 | 0.10 | | | 8.41 | | 0.460 |
| 23 | 11 | 76 | 1000 | | | .3 | | 670 | 2.80 | 55.0 | | | | | 8.46 | | 0.230 |
| 06 | 12 | 76 | 1300 | | | .3 | | 520 | 4.80 | 50.0 | 39.0 | 0.50 | | | 8.20 | | 0.390 |
| 20 | 12 | 76 | 1600 | | | .3 | | 780 | 4.50 | 83.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

780
553
450

55.00
10.53
2.80

83.0
47.9
26.5

53.0
39.8
32.5

1.55
0.81
0.10

8.57
8.41
8.20

3.600
0.846
0.230

NO OF SAMPLES

20

20

20

8

8

8

8

8

8

8

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|---------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 21 | 01 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 25 | 02 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 17 | 03 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 21 | 04 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 12 | 05 | 76 | 1500 | | | .3 | | 1.0 | | | | | | | 8 | 23 | 0 |
| 26 | 05 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1755 | | | .3 | | 1.0L | | | | | | | 5 | 20 | |
| 14 | 07 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1420 | | | .3 | | 1.0L | | | | | | | 7 | 16 | |
| 10 | 08 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 20 | 08 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | 10 | 16 | |
| 10 | 09 | 76 | 1045 | | | .3 | | 1.0L | | | | | | | 6 | 10L | 0 |
| 22 | 09 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 19 | 10 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| | | | 1210 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 11 | 76 | 1005 | | | .3 | | 1.0L | | | | | | | 13 | 20 | |
| 23 | 11 | 76 | 1000 | | | .3 | | | | | | | | | 8 | 19 | |
| 06 | 12 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 12 | 76 | 1600 | | | .3 | | | | | | | | | 8 | 16 | 1 |

MAXIMUM 1.0
 AVG OR GEOM MN (*) 1.0D
 MINIMUM 1.0
 NO OF SAMPLES 8

13 23 1
 8 180 0
 5 10 0

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|-------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 05 | 76 | 1500 | | | .3 | 0.001 | 0.020L | | | 0.020L | 0.020 | 0.010L | 0.010L | 0.060 | | 0.020 |
| 10 | 09 | 76 | 1045 | | | .3 | 0.001 | 0.020L | | | 0.020 | 0.010L | 0.010L | 0.010L | 0.040 | | 0.010L |
| 06 | 12 | 76 | 1300 | | | .3 | 0.002 | 0.030L | | | 0.030 | 0.010L | 0.010L | 0.005L | 0.030 | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.030 | | 0.030 | 0.020 | 0.010 | 0.010 | 0.060 | | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001 | 0.023D | | 0.023D | 0.013D | 0.010D | 0.008D | 0.043 | | 0.013D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.030 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: OAKVILLE CREEK
 SAMPLE POINT: SIDE ROAD 10 MILTON
 STATION TYPE: RIVER FLOW GAUGE FED 02HB005

STATION ID: 06-0063-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
 004
 4340

| STN NO | 2 | LAT | LONG | U.T.M. 17 0591850.0 4817300.0 4 | REGION 03 | MILEAGE | 14.80 | | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|-------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 21 | 01 | 76 | 1330 | | | .3 | | 30206 | 6 | 28.00 | 1600. | 10. | 150. | | 2.0 | 14.0 | 2.0 | |
| 25 | 02 | 76 | 1000 | | | .3 | | 30224 | 8 6 | 227.00 | 86000. | 120. | 100. | L | 1.0 | 14.0 | 2.2 | |
| 17 | 03 | 76 | 1115 | | | .3 | | 30242 | 8 6 | 115.00 | | | | | 1.0 | 14.0 | 1.2 | |
| 21 | 04 | 76 | 1045 | | | .3 | | 30260 | 9 8 | 65.60 | 10100E+1 | 1200. | 1200. | | 15.0 | 10.0 | 1.4 | |
| 26 | 05 | 76 | 1115 | | | .3 | | 30278 | 9 8 | 40.20 | 14000E+1 | 4. | 16. | | 12.0 | 12.0 | 2.0 | |
| 16 | 06 | 76 | 0840 | | | .3 | | 30296 | 8 | 19.30 | 10000. | | 172. | | 18.0 | 7.0 | 8.0 | |
| 14 | 07 | 76 | 1315 | | | .3 | | 30314 | 8 | 25.40 | 10000. | | | | 16.0 | 9.0 | 2.0 | |
| 10 | 08 | 76 | 1330 | | | .3 | | 30332 | 8 | 17.70 | 4000. | 1. | 108. | | 22.0 | 11.0 | 2.6 | |
| 22 | 09 | 76 | 1400 | | | .3 | | 30350 | 8 | 28.30 | 6100. | 12. | 44. | | 12.0 | 11.0 | 3.0 | |
| 19 | 10 | 76 | 1100 | | | .3 | | 30368 | 8 | 14.80 | 1900. | 12. | 332. | | 7.0 | 10.0 | 6.2 | |
| 23 | 11 | 76 | 1045 | | | .3 | | 30386 | 8 | 16.50 | 1600. | 116. | 108. | | 3.0 | 14.0 | 1.2 | |
| 21 | 12 | 76 | 1030 | | | .3 | | 30404 | 8 | 19.90 | 700. | 12. | 72. | | 0.0 | 12.0 | 4.0 | |
| MAXIMUM | | | | | | | | | | | 227.00 | 14000E+1 | 1200. | 1200. | | 22.0 | 14.0 | 8.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 51.48 | 8119.* | 22.* | 120.* D | | 9.1 | 11.5 | 3.0 |
| MINIMUM | | | | | | | | | | | 14.80 | 700. | 1. | 16. | | 0.0 | 7.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 11 | 9 | 10 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1330 | | | .3 | | 0.240 | 0.150 | 1.100 | 1.600 | 0.290 | 1.100 | 467.0 | 28.0 | | |
| 25 | 02 | 76 | 1000 | | | .3 | | 0.080 | 0.031 | 0.104 | 0.720 | 0.013 | 0.777 | 354.0 | 33.0 | | |
| 17 | 03 | 76 | 1115 | | | .3 | | 0.118 | 0.080 | 0.260 | 0.660 | 0.020 | 0.740 | 363.0 | 10.0 | | |
| 21 | 04 | 76 | 1045 | | | .3 | | 0.119 | 0.063 | 0.370 | 0.890 | 0.027 | 0.553 | 357. | 17. | | |
| 26 | 05 | 76 | 1115 | | | .3 | | 0.345 | 0.230 | 1.080 | 1.790 | 0.042 | 0.388 | 383.0 | 7.3 | | |
| 16 | 06 | 76 | 0840 | | | .3 | | 0.295 | 0.275 | 0.620 | 1.270 | 0.145 | 0.735 | 393.0 | 7.8 | | |
| 14 | 07 | 76 | 1315 | | | .3 | | 0.340 | 0.310 | 0.118 | 0.490 | 0.010 | 1.340 | 436.0 | 5.7 | | |
| 10 | 08 | 76 | 1330 | | | .3 | | 0.660 | 0.530 | 0.660 | 1.160 | 0.130 | 1.520 | 441.0 | 7.1 | | |
| 22 | 09 | 76 | 1400 | | | .3 | | 0.470 | 0.350 | 1.080 | 2.100 | 0.092 | 0.553 | 450.0 | 27.0 | | |
| 19 | 10 | 76 | 1100 | | | .3 | | 0.550 | 0.400 | 1.290 | 2.120 | 0.220 | 1.480 | 460.0 | 6.5 | | |
| 23 | 11 | 76 | 1045 | | | .3 | | 0.720 | 0.600 | 1.980 | 2.200 | 0.088 | 0.827 | 388.0 | 8.2 | | |
| 21 | 12 | 76 | 1030 | | | .3 | | 0.680 | 0.500 | 1.750 | 2.200 | 0.120 | 1.030 | 481.0 | 13.0 | | |
| MAXIMUM | | | | | | | | 0.720 | 0.600 | 1.980 | 2.200 | 0.290 | 1.520 | 481.0 | 33.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.385 | 0.293 | 0.868 | 1.433 | 0.100 | 0.920 | 414.4 | 14.2 | | |
| MINIMUM | | | | | | | | 0.080 | 0.031 | 0.104 | 0.490 | 0.010 | 0.388 | 354.0 | 5.7 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1330 | | | .3 | | 720 | 5.80 | 54.0 | | | | | | | |
| 25 | 02 | 76 | 1000 | | | .3 | | 500 | 21.00 | 32.0 | | | | | | | |
| 17 | 03 | 76 | 1115 | | | .3 | | 560 | 3.60 | 35.0 | | | | | | | |
| 21 | 04 | 76 | 1045 | | | .3 | | 550 | 15. | 32. | | | | | | | |
| 26 | 05 | 76 | 1115 | | | .3 | | 600 | 1.80 | 37.5 | | | | | | | |
| 16 | 06 | 76 | 0840 | | | .3 | | 620 | 3.40 | 41.0 | | | | | | | |
| 14 | 07 | 76 | 1315 | | | .3 | | 620 | 4.80 | 42.5 | | | | | | | |
| 10 | 08 | 76 | 1330 | | | .3 | | 699 | 4.60 | 63.0 | | | | | | | |
| 22 | 09 | 76 | 1400 | | | .3 | | 680 | 20.00 | 53.0 | | | | | | | |
| 19 | 10 | 76 | 1100 | | | .3 | | 650 | 6.00 | 22.0 | | | | | | | |
| 23 | 11 | 76 | 1045 | | | .3 | | 700 | 4.20 | 60.0 | | | | | | | |
| 21 | 12 | 76 | 1030 | | | .3 | | 670 | 12.00 | 78.0 | | | | | | | |
| MAXIMUM | | | | | | | | 720 | 21.00 | 78.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 631 | 8.52 | 45.8 | | | | | | | |
| MINIMUM | | | | | | | | 500 | 1.80 | 22.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: MIDDLE OAKVILLE CREEK

SAMPLE POINT: HIGHWAY-25 1.8 MILES SOUTH OF SCOTCH BLOCH

STATION TYPE: RIVER

STATION ID: 06-0063-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
004
4340

STN NO 3 LAT LONG U.T.M. 17 0585900.0 4822350.0 4 REGION 03 MILEAGE 26.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY EOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 1430 | | | .3 | | 30203 | 8 | | 20. | 4. | 1. | | 1.0 | 14.0 | 1.2 |
| 25 | 02 | 76 | 1200 | | | .3 | | 30221 | 8 | | 3100. | 4. | 60. | | 1.5 | 10.0 | 1.4 |
| 17 | 03 | 76 | 1000 | | | .3 | | 30239 | 8 | | | | | | 0.0 | 14.0 | 0.6 |
| 21 | 04 | 76 | 0945 | | | .3 | | 30257 | 8 | | 70. | 1. | 40. | | 8.0 | 12.0 | 0.6 |
| 26 | 05 | 76 | 0900 | | | .3 | | 30275 | 8 | | 700. | 96. | 24. | | 9.0 | 10.0 | 1.0 |
| 16 | 06 | 76 | 0940 | | | .3 | | 30293 | 8 | | 800. | | 232. | | 15.0 | 8.0 | 0.8 |
| 14 | 07 | 76 | 1000 | | | .3 | | 30311 | 8 | | 300. | | 164. | | 16.0 | 8.0 | 1.2 |
| 10 | 08 | 76 | 0945 | | | .3 | | 30329 | 8 | | 900. | 1. | 152. | | 16.5 | 9.0 | 1.0 |
| 22 | 09 | 76 | 1000 | | | .3 | | 30347 | 8 | | 800. | 128. | 184. | | 14.5 | 9.0 | 1.2 |
| 19 | 10 | 76 | 1130 | | | .3 | | 30365 | 8 | | 90. | 20. | 24. | | 8.0 | 11.0 | 1.2 |
| 23 | 11 | 76 | 0930 | | | .3 | | 30383 | 8 | | 140. | 4. | 4. | | 2.0 | 13.0 | 1.6 |
| 21 | 12 | 76 | 0930 | | | .3 | | 30401 | 8 | | 40. | 10. | 66. | | 0.0 | 13.0 | 1.4 |
| MAXIMUM | | | | | | | | | | | 3100. | 128. | 232. | | 16.5 | 14.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 252.* | 8.* | 40.* | | 7.6 | 10.9 | 1.1 |
| MINIMUM | | | | | | | | | | | 20. | 1. | 1. | | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1430 | | | .3 | | 0.015 | 0.001 | 0.010 | 0.400 | 0.008 | 1.400 | 372.0 | 5.0 | | |
| 25 | 02 | 76 | 1200 | | | .3 | | 0.050 | 0.011 | 0.020 | 0.470 | 0.009 | 2.020 | 302.0 | 18.0 | | |
| 17 | 03 | 76 | 1000 | | | .3 | | 0.033 | 0.007 | 0.016 | 0.390 | 0.005 | 1.550 | 302.0 | 15.0 | | |
| 21 | 04 | 76 | 0945 | | | .3 | | 0.031 | 0.002 | 0.012 | 0.440 | 0.007 | 0.848 | 299. | 14. | | |
| 26 | 05 | 76 | 0900 | | | .3 | | 0.021 | 0.001 | 0.016 | 0.480 | 0.012 | 0.858 | 303.0 | 8.0 | | |
| 16 | 06 | 76 | 0940 | | | .3 | | 0.032 | 0.004 | 0.004 | 0.550 | 0.020 | 0.895 | 335.0 | 10.0 | | |
| 14 | 07 | 76 | 1000 | | | .3 | | 0.039 | 0.001 | 0.024 | 0.600 | 0.018 | 0.857 | 362.0 | 19.0 | | |
| 10 | 08 | 76 | 0945 | | | .3 | | 0.036 | 0.003 | 0.004 | 0.720 | 0.009 | 0.921 | 329.0 | 16.0 | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 0.034 | 0.005 | 0.008 | 0.540 | 0.008 | 0.752 | 300.0 | 13.0 | | |
| 19 | 10 | 76 | 1130 | | | .3 | | 0.022 | 0.002 | 0.004 | 0.450 | 0.007 | 0.833 | 303.0 | 5.9 | | |
| 23 | 11 | 76 | 0930 | | | .3 | | 0.021 | 0.001 | 0.008 | 0.480 | 0.007 | 0.993 | 303.0 | 8.7 | | |
| 21 | 12 | 76 | 0930 | | | .3 | | 0.023 | 0.002 | 0.016 | 0.360 | 0.008 | 1.420 | 394.0 | 11.0 | | |
| MAXIMUM | | | | | | | | 0.050 | 0.011 | 0.024 | 0.720 | 0.020 | 2.020 | 394.0 | 19.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.030 | 0.003 | 0.012 | 0.490 | 0.010 | 1.112 | 325.3 | 12.0 | | |
| MINIMUM | | | | | | | | 0.015 | 0.001 | 0.004 | 0.360 | 0.005 | 0.752 | 299. | 5.0 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1430 | | | .3 | | 580 | 3.50 | 24.0 | | | | | | | |
| 25 | 02 | 76 | 1200 | | | .3 | | 450 | 13.00 | 19.5 | | | | | | | |
| 17 | 03 | 76 | 1000 | | | .3 | | 465 | 6.50 | 20.0 | | | | | | | |
| 21 | 04 | 76 | 0945 | | | .3 | | 440 | 13. | 17. | | | | | | | |
| 26 | 05 | 76 | 0900 | | | .3 | | 470 | 4.70 | 17.0 | | | | | | | |
| 16 | 06 | 76 | 0940 | | | .3 | | 495 | 6.20 | 19.0 | | | | | | | |
| 14 | 07 | 76 | 1000 | | | .3 | | 520 | 7.90 | 21.5 | | | | | | | |
| 10 | 08 | 76 | 0945 | | | .3 | | 503 | 13.00 | 22.5 | | | | | | | |
| 22 | 09 | 76 | 1000 | | | .3 | | 480 | 14.00 | 24.0 | | | | | | | |
| 19 | 10 | 76 | 1130 | | | .3 | | 500 | 7.50 | 23.5 | | | | | | | |
| 23 | 11 | 76 | 0930 | | | .3 | | 550 | 5.60 | 25.0 | | | | | | | |
| 21 | 12 | 76 | 0930 | | | .3 | | 630 | 8.50 | 28.5 | | | | | | | |
| MAXIMUM | | | | | | | | 630 | 14.00 | 28.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 507 | 8.62 | 21.8 | | | | | | | |
| MINIMUM | | | | | | | | 440 | 3.50 | 17. | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: MIDDLE OAKVILLE CREEK
 SAMPLE POINT: AT DAM SCOTCH BLOCK RESERVOIR
 STATION TYPE: RIVER

STATION ID: 06-0063-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
 004
 4340

| STN NO | 5 | LAT | LONG | U.T.M. 17 0584850.0 4823600.0 4 | | | | REGION 03 | | MILEAGE | | 27.90 | | | | |
|---------|-----------|----------|---------------|---------------------------------|-----------------|----|---------------|-----------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1415 | | .3 | | 30204 | 8 | | 30. | 4. | 4. | | 2.0 | 12.0 | 1.0 |
| 25 | 02 | 76 | 1100 | | .3 | | 30222 | 8 | | 3200. | 72. | 36. | | 0.0 | 12.0 | 1.6 |
| 17 | 03 | 76 | 1015 | | .3 | | 30240 | 8 | | | | | | 0.5 | 14.0 | 0.6 |
| 21 | 04 | 76 | 1000 | | .3 | | 30258 | 8 | | 10. L | | 1. | | 7.0 | 12.0 | 0.4 |
| 26 | 05 | 76 | 0910 | | .3 | | 30276 | 7 | | 10. | 1. | 1. | | 10.0 | 11.0 | 0.8 |
| 16 | 06 | 76 | 0930 | | .3 | | 30294 | 7 | | 20. | | 1. | | 12.5 | 9.0 | 1.0 |
| 14 | 07 | 76 | 1015 | | .3 | | 30312 | 7 | | 10. | | 4. | | 18.0 | 5.0 | 1.6 |
| 10 | 08 | 76 | 1000 | | .3 | | 30330 | 7 | | 100. | 1. | 20. | | 18.5 | 8.0 | 1.4 |
| 22 | 09 | 76 | 1230 | | .3 | | 30348 | 7 | | 400. | 4. | 24. | | 17.0 | 10.0 | 1.0 |
| 19 | 10 | 76 | 1200 | | .3 | | 30366 | 7 | | 10. L | 1. | 1. | | 10.0 | 12.0 | 1.2 |
| 23 | 11 | 76 | 1000 | | .3 | | 30384 | 7 | | 20. | 1. | 1. | | 2.0 | 14.0 | 1.6 |
| 21 | 12 | 76 | 0945 | | .3 | | 30402 | 8 | | 28. | 2. | 2. L | | 1.0 | 12.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

3200.
 40.* D
 10.

11

8

11

18.5
 8.2
 0.0

12

12

12

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 | 01 | 76 | 1415 | | .3 | | 0.017 | 0.002 | 0.050 | 0.420 | 0.011 | 1.700 | 366.0 | 4.0 | | |
| 25 | 02 | 76 | 1100 | | .3 | | 0.036 | 0.012 | 0.026 | 0.450 | 0.009 | 2.040 | 293.0 | 8.0 | | |
| 17 | 03 | 76 | 1015 | | .3 | | 0.023 | 0.005 | 0.032 | 0.380 | 0.006 | 1.650 | 298.0 | 5.9 | | |
| 21 | 04 | 76 | 1000 | | .3 | | 0.024 | 0.002 | 0.026 | 0.390 | 0.008 | 0.902 | 289. | 9.2 | | |
| 26 | 05 | 76 | 0910 | | .3 | | 0.013 | 0.004 | 0.058 | 0.290 | 0.015 | 0.910 | 302.0 | 6.1 | | |
| 16 | 06 | 76 | 0930 | | .3 | | 0.025 | 0.006 | 0.078 | 0.440 | 0.032 | 0.898 | 341.0 | 10.0 | | |
| 14 | 07 | 76 | 1015 | | .3 | | 0.029 | 0.001 | 0.106 | 0.610 | 0.047 | 0.853 | 336.0 | 6.3 | | |
| 10 | 08 | 76 | 1000 | | .3 | | 0.029 | 0.007 | 0.068 | 0.480 | 0.029 | 0.881 | 346.0 | 11.0 | | |
| 22 | 09 | 76 | 1230 | | .3 | | 0.034 | 0.006 | 0.074 | 0.790 | 0.024 | 0.746 | 289.0 | 11.0 | | |
| 19 | 10 | 76 | 1200 | | .3 | | 0.028 | 0.002 | 0.038 | 0.530 | 0.019 | 0.831 | 302.0 | 11.0 | | |
| 23 | 11 | 76 | 1000 | | .3 | | 0.021 | 0.001 | 0.022 | 0.490 | 0.010 | 0.995 | 305.0 | 9.8 | | |
| 21 | 12 | 76 | 0945 | | .3 | | 0.013 | 0.001 | 0.034 | 0.390 | 0.011 | 1.450 | 372.0 | 6.4 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

0.036
 0.024
 0.013

0.012
 0.004
 0.001

0.106
 0.051
 0.022

0.790
 0.472
 0.290

12

12

12

0.047
 0.018
 0.006

12

12

12

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 | 01 | 76 | 1415 | | .3 | | 590 | 3.60 | 24.0 | | | | | | | |
| 25 | 02 | 76 | 1100 | | .3 | | 445 | 8.30 | 19.5 | | | | | | | |
| 17 | 03 | 76 | 1015 | | .3 | | 455 | 5.00 | 20.0 | | | | | | | |
| 21 | 04 | 76 | 1000 | | .3 | | 440 | 7.7 | 17.5 | | | | | | | |
| 26 | 05 | 76 | 0910 | | .3 | | 470 | 4.40 | 17.5 | | | | | | | |
| 16 | 06 | 76 | 0930 | | .3 | | 495 | 8.00 | 18.5 | | | | | | | |
| 14 | 07 | 76 | 1015 | | .3 | | 510 | 3.70 | 21.0 | | | | | | | |
| 10 | 08 | 76 | 1000 | | .3 | | 445 | 7.50 | 21.5 | | | | | | | |
| 22 | 09 | 76 | 1230 | | .3 | | 460 | 14.00 | 22.0 | | | | | | | |
| 19 | 10 | 76 | 1200 | | .3 | | 500 | 11.00 | 22.5 | | | | | | | |
| 23 | 11 | 76 | 1000 | | .3 | | 540 | 5.20 | 24.0 | | | | | | | |
| 21 | 12 | 76 | 0945 | | .3 | | 610 | 4.50 | 25.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

610
 497
 440

14.00
 6.91
 3.60

25.0
 21.1
 17.5

12
 12
 12

B.O.W./ SITE: MIDDLE OAKVILLE CREEK
 SAMPLE POINT: AT FOURTH CONCESSION ROAD TWP OF ESQUESING
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OAKVILLE CREEK

STATION ID: 06-0063-007-02

STORET CODE: 02
 004
 4340

| STN NO | 7 | LAT | LONG | U.T.M. 17 0585450.0 4826700.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 29.80 | |
|--------------------|--------|-------|------|---------------------------------|---------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1400 | | | .3 | | 30205 | 4 | | 1000. | 4. | | | 0.0 | 12.0 | 1.2 |
| 25 | 02 | 76 | 1130 | | | .3 | | 30223 | | | 12000. | 88. | 24. | | 0.0 | 11.0 | 1.6 |
| 17 | 03 | 76 | 1030 | | | .3 | | 30241 | 4 | | | | | | 0.0 | 10.0 | 1.0 |
| 21 | 04 | 76 | 1015 | | | .3 | | 30259 | 5 | | 300. | 4. | 32. | | 11.5 | 11.0 | 0.6 |
| 26 | 05 | 76 | 0930 | | | .3 | | 30277 | 5 8 | | 8000. | 76. | 52. | | 9.0 | 11.0 | 0.8 |
| 16 | 06 | 76 | 0900 | | | .3 | | 30295 | 5 9 | | 5000. | | 600. | G | 14.0 | 7.0 | 0.8 |
| 14 | 07 | 76 | 1030 | | | .3 | | 30313 | 5 7 0 | | 20000E+1 | | 188. | | 12.0 | 10.0 | 0.8 |
| 10 | 08 | 76 | 1015 | | | .3 | | 30331 | 5 7 | | 8000. | 1. | 1. | | 12.0 | 10.0 | 1.0 |
| 22 | 09 | 76 | 1300 | | | .3 | | 30349 | 7 | | 1700. | 112. | 604. | | 12.0 | 10.0 | 1.2 |
| 19 | 10 | 76 | 1230 | | | .3 | | 30367 | 7 | | 1100. | 16. | 56. | | 5.5 | 6.0 | 1.0 |
| 23 | 11 | 76 | 1020 | | | .3 | | 30385 | 7 | | 300. | 32. | 16. | | 1.5 | 13.0 | 1.0 |
| 21 | 12 | 76 | 1010 | | | .3 | | 30403 | 4 | | 470. | 194. | 280. | | 0.0 | 9.0 | 6.8 |
| | | | | | | | | | | | 20000E+1 | 194. | 604. | | 14.0 | 13.0 | 6.8 |
| | | | | | | | | | | | 2722.* | 22.* | 61.* U | | 6.5 | 10.0 | 1.5 |
| | | | | | | | | | | | 300. | 1. | 1. | | 0.0 | 6.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 11 | 9 | 10 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 | 01 | 76 | 1400 | | | .3 | | 0.094 | 0.008 | 0.030 | 0.520 | 0.008 | 3.100 | 454.0 | 74.0 | | |
| 25 | 02 | 76 | 1130 | | | .3 | | 0.038 | 0.011 | 0.006 | 0.410 | 0.008 | 2.120 | 299.0 | 16.0 | | |
| 17 | 03 | 76 | 1030 | | | .3 | | 0.024 | 0.003 | 0.008 | 0.290 | 0.004 | 2.400 | 362.0 | 16.0 | | |
| 21 | 04 | 76 | 1015 | | | .3 | | 0.018 | 0.002 | 0.002L | 0.420 | 0.006 | 2.500 | 364. | 4.3 | | |
| 26 | 05 | 76 | 0930 | | | .3 | | 0.020 | 0.003 | 0.008 | 0.360 | 0.010 | 4.390 | 398.0 | 2.9 | | |
| 16 | 06 | 76 | 0900 | | | .3 | | 0.022 | 0.004 | 0.012 | 0.300 | 0.026 | 10.700 | 483.0 | 8.0 | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 0.023 | 0.001L | 0.002L | 0.380 | 0.014 | 11.300 | 508.0 | 1.6 | | |
| 10 | 08 | 76 | 1015 | | | .3 | | 0.018 | 0.004 | 0.002L | 0.330 | 0.018 | 8.380 | 476.0 | 7.2 | | |
| 22 | 09 | 76 | 1300 | | | .3 | | 0.038 | 0.012 | 0.014 | 0.530 | 0.015 | 3.590 | 377.0 | 9.1 | | |
| 19 | 10 | 76 | 1230 | | | .3 | | 0.006 | 0.003 | 0.014 | 0.150 | 0.018 | 4.030 | 390.0 | 2.2 | | |
| 23 | 11 | 76 | 1020 | | | .3 | | 0.014 | 0.002 | 0.010 | 0.270 | 0.010 | 2.990 | 341.0 | 5.3 | | |
| 21 | 12 | 76 | 1010 | | | .3 | | 0.048 | 0.004 | 0.072 | 0.640 | 0.025 | 2.870 | 431.0 | 18.0 | | |
| | | | | | | | | 0.094 | 0.012 | 0.072 | 0.640 | 0.026 | 11.300 | 508.0 | 74.0 | | |
| | | | | | | | | 0.030 | 0.0050 | 0.0150 | 0.383 | 0.014 | 4.864 | 406.9 | 13.7 | | |
| | | | | | | | | 0.006 | 0.001 | 0.002 | 0.150 | 0.004 | 2.120 | 299.0 | 1.6 | | |
| | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| | | | | | | | | | | | | | | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 | 01 | 76 | 1400 | | | .3 | | 600 | 40.00 | 17.0 | | | | | | | |
| 25 | 02 | 76 | 1130 | | | .3 | | 445 | 7.70 | 13.5 | | | | | | | |
| 17 | 03 | 76 | 1030 | | | .3 | | 480 | 4.00 | 16.5 | | | | | | | |
| 21 | 04 | 76 | 1015 | | | .3 | | 550 | 4.6 | 14. | | | | | | | |
| 26 | 05 | 76 | 0930 | | | .3 | | 600 | 1.80 | 17.0 | | | | | | | |
| 16 | 06 | 76 | 0900 | | | .3 | | 730 | 5.00 | 27.5 | | | | | | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 720 | 3.20 | 28.0 | | | | | | | |
| 10 | 08 | 76 | 1015 | | | .3 | | 680 | 8.50 | 24.5 | | | | | | | |
| 22 | 09 | 76 | 1300 | | | .3 | | 580 | 10.00 | 20.0 | | | | | | | |
| 19 | 10 | 76 | 1230 | | | .3 | | 640 | 3.20 | 21.0 | | | | | | | |
| 23 | 11 | 76 | 1020 | | | .3 | | 640 | 3.60 | 18.5 | | | | | | | |
| 21 | 12 | 76 | 1010 | | | .3 | | 660 | 17.00 | 21.5 | | | | | | | |
| | | | | | | | | 730 | 40.00 | 28.0 | | | | | | | |
| | | | | | | | | 610 | 9.05 | 19.9 | | | | | | | |
| | | | | | | | | 445 | 1.80 | 13.5 | | | | | | | |
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B.O.W./ SITE: OAKVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 9 HILTON FALLS
STATION TYPE: RIVER

STATION ID: 06-0063-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
006
4340

STN NO 8 LAT LONG U.T.M, 17 0584200.0 4817500.0 4 REGION 03 MILEAGE 20.20

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 1530 | | | .3 | | 30200 | 6 8 | | 30. | 20. | 1. | | 0.0 | 13.0 | 1.6 |
| 25 | 02 | 76 | 1415 | | | .3 | | 30218 | 6 8 | | 370. | 8. | 16. | | 3.0 | 10.0 | 1.8 |
| 17 | 03 | 76 | 0900 | | | .3 | | 30236 | 6 8 | | | | | | 1.0 | 13.0 | 0.4 |
| 21 | 04 | 76 | 0830 | | | .3 | | 30254 | 8 | | 10. L | | 8. | | 8.0 | 13.0 | 0.8 |
| 26 | 05 | 76 | 0810 | | | .3 | | 30272 | 8 | | 180. | 32. | 44. | | 7.0 | 10.0 | 0.6 |
| 16 | 06 | 76 | 1420 | | | .3 | | 30290 | 7 | | 1700. | | 628. | | 18.0 | 8.0 | 1.4 |
| 14 | 07 | 76 | 0915 | | | .3 | | 30308 | 8 | | 1000. | | 160. | | 15.0 | 9.0 | 0.8 |
| 10 | 08 | 76 | 0900 | | | .3 | | 30326 | 8 | | 500. | 1. | 120. | | 16.0 | 8.0 | 4.0 |
| 22 | 09 | 76 | 1200 | | | .3 | | 30344 | 8 | | 600. | 20. | 20. | | 13.0 | 10.0 | 0.8 |
| 19 | 10 | 76 | 1400 | | | .3 | | 30362 | 8 | | 140. | 6. | 22. | | 8.0 | 13.0 | 1.2 |
| 23 | 11 | 76 | 0845 | | | .3 | | 30380 | 8 | | 600. | 4. | 18. | | 3.0 | 12.0 | 0.4 |
| 21 | 12 | 76 | 0830 | | | .3 | | 30398 | 8 | | 20. | 2. L | 12. | | 0.0 | 11.0 | 1.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1530 | | | .3 | | 0.020 | 0.005 | 0.030 | 0.400 | 0.008 | 0.350 | 404.0 | 3.0 | | |
| 25 | 02 | 76 | 1415 | | | .3 | | 0.033 | 0.008 | 0.020 | 0.460 | 0.006 | 0.484 | 393.0 | 14.0 | | |
| 17 | 03 | 76 | 0900 | | | .3 | | 0.016 | 0.008 | 0.012 | 0.340 | 0.005 | 0.760 | 357.0 | 6.4 | | |
| 21 | 04 | 76 | 0830 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.360 | 0.003 | 0.207 | 312. | 1.7 | | |
| 26 | 05 | 76 | 0810 | | | .3 | | 0.017 | 0.001 | 0.014 | 0.070 | 0.004 | 0.191 | 330.0 | 4.1 | | |
| 16 | 06 | 76 | 1420 | | | .3 | | 0.033 | 0.005 | 0.012 | 0.530 | 0.003 | 0.027 | 322.0 | 3.1 | | |
| 14 | 07 | 76 | 0915 | | | .3 | | 0.014 | 0.001 | 0.006 | 0.350 | 0.003 | 0.006 | 320.0 | 1.5 | | |
| 10 | 08 | 76 | 0900 | | | .3 | | 0.027 | 0.003 | 0.004 | 1.270 | 0.003 | 0.027 | 309.0 | 2.5 | | |
| 22 | 09 | 76 | 1200 | | | .3 | | 0.034 | 0.011 | 0.008 | 0.410 | 0.002 | 0.063 | 328.0 | 15.0 | | |
| 19 | 10 | 76 | 1400 | | | .3 | | 0.030 | 0.008 | 0.020 | 0.370 | 0.003 | 0.042 | 300.0 | 3.5 | | |
| 23 | 11 | 76 | 0845 | | | .3 | | 0.021 | 0.003 | 0.016 | 0.160 | 0.002 | 0.088 | 326.0 | 9.4 | | |
| 21 | 12 | 76 | 0830 | | | .3 | | 0.019 | 0.006 | 0.018 | 0.260 | 0.003 | 0.147 | 403.0 | 5.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1530 | | | .3 | | 620 | 1.40 | 30.5 | | | | | | | |
| 25 | 02 | 76 | 1415 | | | .3 | | 600 | 4.60 | 23.5 | | | | | | | |
| 17 | 03 | 76 | 0900 | | | .3 | | 540 | 2.50 | 19.0 | | | | | | | |
| 21 | 04 | 76 | 0830 | | | .3 | | 495 | 1.4 | 23. | | | | | | | |
| 26 | 05 | 76 | 0810 | | | .3 | | 500 | 1.70 | 21.0 | | | | | | | |
| 16 | 06 | 76 | 1420 | | | .3 | | 483 | 2.30 | 17.0 | | | | | | | |
| 14 | 07 | 76 | 0915 | | | .3 | | 475 | 2.00 | 17.0 | | | | | | | |
| 10 | 08 | 76 | 0900 | | | .3 | | 491 | 2.10 | 19.0 | | | | | | | |
| 22 | 09 | 76 | 1200 | | | .3 | | 500 | 3.00 | 21.5 | | | | | | | |
| 19 | 10 | 76 | 1400 | | | .3 | | 500 | 2.00 | 19.0 | | | | | | | |
| 23 | 11 | 76 | 0845 | | | .3 | | 600 | 2.60 | 37.0 | | | | | | | |
| 21 | 12 | 76 | 0830 | | | .3 | | 640 | 2.00 | 40.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

B.O.W./ SITE: OAKVILLE CREEK
 SAMPLE POINT: AT COUNTY ROAD 28 UPSTREAM OF MILTON
 STATION TYPE: RIVER

STATION ID: 06-0663-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
 006
 4340

| STN NO | 9 | LAT | LONG | U.T.M. 17 0586400.0 4818200.0 4 | REGION 03 | MILEAGE | 20.60 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|---|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1510 | | .3 | | 30202 | 8 | | 10. | 4. | 12. | | 2.0 | 14.0 | 1.2 |
| 25 | 02 | 76 | 1300 | | .3 | | 30220 | 8 | | 620. | 1. | 20. | | 1.5 | 9.0 | 1.4 |
| 17 | 03 | 76 | 0925 | | .3 | | 30238 | 8 | | | | | | 0.5 | 13.0 | 0.2 |
| 21 | 04 | 76 | 0900 | | .3 | | 30256 | 8 | | 4. | 4. | 24. | | 14.0 | 11.0 | 0.6 |
| 26 | 05 | 76 | 0840 | | .3 | | 30274 | 8 | | 70. | 8. | 4. | | 10.5 | 10.0 | 0.8 |
| 14 | 07 | 76 | 0945 | | .3 | | 30292 | 8 | | 1600. | | 364. | | 15.5 | 8.0 | 0.4 |
| 10 | 08 | 76 | 0930 | | .3 | | 30310 | 8 | | 200. | | 32. | | 15.5 | 10.0 | 0.6 |
| 22 | 09 | 76 | 1130 | | .3 | | 30328 | 8 | | 400. | 1. | 28. | | 15.0 | 9.0 | 0.8 |
| 19 | 10 | 76 | 1330 | | .3 | | 30346 | 8 | | 1000. | 44. | 176. | | 12.0 | 11.0 | 1.2 |
| 23 | 11 | 76 | 0915 | | .3 | | 30364 | 8 | | 30. | 4. | 344. | | 8.0 | 13.0 | 0.8 |
| 21 | 12 | 76 | 0850 | | .3 | | 30382 | 8 | | 70. | 1. | 16. | | 3.0 | 14.0 | 0.4 |
| | | | | | .3 | | 30400 | 8 | | 20. | 4. | 8. | | 1.0 | 13.0 | 1.2 |
| MAXIMUM | | | | | | | | | | 1600. | 44. | 364. | | 15.5 | 14.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 99.* | 4.* | 33.* | | 8.2 | 11.3 | 0.8 |
| MINIMUM | | | | | | | | | | 4. | 1. | 4. | | 0.5 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 | 01 | 76 | 1510 | | .3 | | 0.005 | 0.001L | 0.010 | 0.300 | 0.003 | 0.580 | 354.0 | 2.0 | | |
| 25 | 02 | 76 | 1300 | | .3 | | 0.011 | 0.001 | 0.002L | 0.360 | 0.003 | 0.407 | 302.0 | 4.6 | | |
| 17 | 03 | 76 | 0925 | | .3 | | 0.004 | 0.002 | 0.006 | 0.250 | 0.003 | 0.517 | 300.0 | 1.7 | | |
| 21 | 04 | 76 | 0900 | | .3 | | 0.013 | 0.001 | 0.002L | 0.300 | 0.003 | 0.292 | 302. | 4.0 | | |
| 26 | 05 | 76 | 0840 | | .3 | | 0.004 | 0.001L | 0.002L | 0.170 | 0.003 | 0.282 | 342.0 | 3.0 | | |
| 14 | 07 | 76 | 0945 | | .3 | | 0.010 | 0.002 | 0.002 | 0.240 | 0.002 | 0.258 | 343.0 | 3.6 | | |
| 10 | 08 | 76 | 0930 | | .3 | | 0.008 | 0.001 | 0.006 | 0.240 | 0.005 | 0.278 | 365.0 | 2.2 | | |
| 22 | 09 | 76 | 1130 | | .3 | | 0.088 | 0.004 | 0.048 | 0.620 | 0.003 | 0.237 | 342.0 | 2.4 | | |
| 19 | 10 | 76 | 1330 | | .3 | | 0.010 | 0.001L | 0.004 | 0.210 | 0.003 | 0.277 | 392.0 | 65.0 | | |
| 23 | 11 | 76 | 0915 | | .3 | | 0.019 | 0.002 | 0.004 | 0.270 | 0.002 | 0.318 | 336.0 | 3.2 | | |
| 21 | 12 | 76 | 0850 | | .3 | | 0.003 | 0.003 | 0.002L | 0.190 | 0.002 | 0.343 | 314.0 | 9.9 | | |
| | | | | | .3 | | | | | | | 0.488 | 374.0 | 2.0 | | |
| MAXIMUM | | | | | | | 0.088 | 0.004 | 0.048 | 0.620 | 0.005 | 0.580 | 392.0 | 65.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.015 | 0.002D | 0.008D | 0.283 | 0.003 | 0.356 | 338.8 | 8.6 | | |
| MINIMUM | | | | | | | 0.003 | 0.001 | 0.002 | 0.170 | 0.002 | 0.237 | 300.0 | 1.7 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 | 01 | 76 | 1510 | | .3 | | 580 | 1.60 | 20.0 | | | | | | | |
| 25 | 02 | 76 | 1300 | | .3 | | 470 | 2.40 | 16.5 | | | | | | | |
| 17 | 03 | 76 | 0925 | | .3 | | 480 | 2.00 | 19.0 | | | | | | | |
| 21 | 04 | 76 | 0900 | | .3 | | 500 | 2.9 | 20. | | | | | | | |
| 26 | 05 | 76 | 0840 | | .3 | | 500 | 1.10 | 21.0 | | | | | | | |
| 14 | 07 | 76 | 0945 | | .3 | | 520 | 1.70 | 24.5 | | | | | | | |
| 10 | 08 | 76 | 0930 | | .3 | | 525 | 1.80 | 26.5 | | | | | | | |
| 22 | 09 | 76 | 1130 | | .3 | | 530 | 2.10 | 27.5 | | | | | | | |
| 19 | 10 | 76 | 1330 | | .3 | | 530 | 40.00 | 22.0 | | | | | | | |
| 23 | 11 | 76 | 0915 | | .3 | | 560 | 2.60 | 30.0 | | | | | | | |
| 21 | 12 | 76 | 0850 | | .3 | | 570 | 3.50 | 27.0 | | | | | | | |
| | | | | | .3 | | 610 | 2.60 | 28.0 | | | | | | | |
| MAXIMUM | | | | | | | 610 | 40.00 | 30.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 531 | 5.36 | 23.5 | | | | | | | |
| MINIMUM | | | | | | | 470 | 1.10 | 16.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: OAKVILLE CREEK

SAMPLE POINT: AT CONCESSION ROAD 8 UPSTREAM OF KELSO RESERVOIR

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ONTARIO

TERM STREAM: OAKVILLE CREEK

STATION ID: 06-0063-010-02

STORET CODE: 02

006

4340

| STN NO | 10 | LAT | LONG | U.T.M. 17 0584750.0 4816800.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 18.60 |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1520 | | .3 | | 30201 | 8 | | 8. | 8. | 36. | | 0.0 | 13.0 | 1.2 |
| 25 | 02 | 76 | 1345 | | .3 | | 30219 | 8 | | 520. | 1. | 8. | | 2.0 | 10.0 | 1.4 |
| 17 | 03 | 76 | 0915 | | .3 | | 30237 | 8 | | | | | | 0.0 | 14.0 | 0.4 |
| 21 | 04 | 76 | 0845 | | .3 | | 30255 | 8 | | 72. | 1. | 16. | | 12.0 | 11.0 | 0.8 |
| 26 | 05 | 76 | 0825 | | .3 | | 30273 | 8 | | 260. | 32. | 12. | | 9.0 | 11.0 | 0.6 |
| 16 | 06 | 76 | 1430 | | .3 | | 30291 | 8 | | 800. | | 412. | | 18.0 | 9.0 | 0.6 |
| 14 | 07 | 76 | 0930 | | .3 | | 30309 | 8 | | 1000. | | 240. | | 15.0 | 10.0 | 0.8 |
| 10 | 08 | 76 | 0910 | | .3 | | 30327 | 6 8 | | 400. | 1. | 132. | | 13.0 | 11.0 | 1.0 |
| 22 | 09 | 76 | 1145 | | .3 | | 30345 | 6 8 | | 780. | 36. | 84. | | 12.0 | 11.0 | 0.6 |
| 19 | 10 | 76 | 1345 | | .3 | | 30363 | 6 8 | | 60. | 4. | 16. | | 5.5 | 13.0 | 1.2 |
| 23 | 11 | 76 | 0900 | | .3 | | 30381 | 6 8 | | 640. | 4. | 104. | | 1.0 | 14.0 | 0.6 |
| 21 | 12 | 76 | 0840 | | .3 | | 30399 | 8 | | 30. | 34. | 62. | | 0.0 | 13.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1000.
202.*
8.

36.
6.*
1.

412.
51.*
8.

18.0
7.3
0.0

14.0
11.7
9.0

1.4
0.8
0.4

NO OF SAMPLES

11 9 11 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 | 01 | 76 | 1520 | | .3 | | 0.011 | 0.001 | 0.010L | 0.330 | 0.003 | 0.510 | 341.0 | 3.0 | | |
| 25 | 02 | 76 | 1345 | | .3 | | 0.016 | 0.001L | 0.002L | 0.490 | 0.002 | 0.332 | 285.0 | 13.0 | | |
| 17 | 03 | 76 | 0915 | | .3 | | 0.025 | 0.006 | 0.008 | 0.260 | 0.002 | 0.493 | 302.0 | 1.7 | | |
| 21 | 04 | 76 | 0845 | | .3 | | 0.012 | 0.001 | 0.002L | 0.340 | 0.003 | 0.252 | 325. | 3.4 | | |
| 26 | 05 | 76 | 0825 | | .3 | | 0.010 | 0.001L | 0.002L | 0.300 | 0.003 | 0.332 | 346.0 | 1.5 | | |
| 16 | 06 | 76 | 1430 | | .3 | | 0.015 | 0.004 | 0.006 | 0.340 | 0.003 | 0.352 | 380.0 | 8.1 | | |
| 14 | 07 | 76 | 0930 | | .3 | | 0.010 | 0.001L | 0.006 | 0.300 | 0.003 | 0.284 | 362.0 | 2.8 | | |
| 10 | 08 | 76 | 0910 | | .3 | | 0.012 | 0.002 | 0.008 | 0.310 | 0.002 | 0.398 | 357.0 | 2.4 | | |
| 22 | 09 | 76 | 1145 | | .3 | | 0.015 | 0.003 | 0.002 | 0.380 | 0.001 | 0.109 | 309.0 | 3.0 | | |
| 19 | 10 | 76 | 1345 | | .3 | | 0.004 | 0.002 | 0.004 | 0.190 | 0.002 | 0.283 | 330.0 | 0.8 | | |
| 23 | 11 | 76 | 0900 | | .3 | | 0.004 | 0.002 | 0.004 | 0.190 | 0.001 | 0.319 | 291.0 | 0.4 | | |
| 21 | 12 | 76 | 0840 | | .3 | | 0.005 | 0.004 | 0.004 | 0.180 | 0.002 | 0.538 | 357.0 | 1.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.025 0.006 0.010 0.490 0.003 0.538 380.0 13.0

0.012 0.002D 0.005D 0.301 0.002 0.350 332.1 3.5

0.004 0.001 0.002 0.180 0.001 0.109 285.0 0.4

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 | 01 | 76 | 1520 | | .3 | | 550 | 2.50 | 15.0 | | | | | | | |
| 25 | 02 | 76 | 1345 | | .3 | | 435 | 1.70 | 11.5 | | | | | | | |
| 17 | 03 | 76 | 0915 | | .3 | | 480 | 0.80 | 18.5 | | | | | | | |
| 21 | 04 | 76 | 0845 | | .3 | | 500 | 1.6 | 25.5 | | | | | | | |
| 26 | 05 | 76 | 0825 | | .3 | | 550 | 0.60 | 26.0 | | | | | | | |
| 16 | 06 | 76 | 1430 | | .3 | | 570 | 1.40 | 35.5 | | | | | | | |
| 14 | 07 | 76 | 0930 | | .3 | | 540 | 1.70 | 28.0 | | | | | | | |
| 10 | 08 | 76 | 0910 | | .3 | | 575 | 1.50 | 35.0 | | | | | | | |
| 22 | 09 | 76 | 1145 | | .3 | | 480 | 1.00 | 16.5 | | | | | | | |
| 19 | 10 | 76 | 1345 | | .3 | | 560 | 1.60 | 25.5 | | | | | | | |
| 23 | 11 | 76 | 0900 | | .3 | | 560 | 2.40 | 21.5 | | | | | | | |
| 21 | 12 | 76 | 0840 | | .3 | | 590 | 1.20 | 24.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

590 2.50 35.5

533 1.50 23.6

435 0.60 11.5

NO OF SAMPLES

12 12 12

B.O.W./ SITE: EAST OAKVILLE CREEK
 SAMPLE POINT: AT BASELINE ROAD SIXTEEN VALLEY
 STATION TYPE: RIVER FLOW GAUGE FED 02H8004

STATION ID: 06-0063-011-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OAKVILLE CREEK

STORET CODE: 02
 006
 4340

| STN NO | 11 | LAT | LONG | U.T.M. 17 0598850.0 4816700.0 4 | REGION 03 | MILEAGE | 12.20 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|-------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1230 | | | .3 | | 30208 | 4 | 16.00 | 300. | 110. | 40. | | 2.5 | 12.0 | 1.6 |
| 25 | 02 | 76 | 1100 | | | .3 | | 30226 | 8 | 499.00 | 1960. | 210. | 710. | | 0.0 | 13.0 | 2.0 |
| 17 | 03 | 76 | 1145 | | | .3 | | 30244 | 8 | 95.20 | | | | | 0.0 | 14.0 | 0.8 |
| 21 | 04 | 76 | 1130 | | | .3 | | 30262 | 8 | 29.00 | 300. | 156. | 48. | | 16.0 | 12.0 | 1.2 |
| 26 | 05 | 76 | 1030 | | | .3 | | 30280 | 6 8 | 21.80 | 230. | 10. L | 30. | | | | 1.0 |
| 16 | 06 | 76 | 1100 | | | .3 | | 30298 | 6 8 | 8.40 | 300. | | 256. | | 23.5 | 6.0 | 0.4 |
| 14 | 07 | 76 | 1030 | | | .3 | | 30316 | 6 8 | 11.20 | 300. | | 24. | | 19.0 | 7.0 | 1.2 |
| 10 | 08 | 76 | 0930 | | | .3 | | 30334 | 6 8 | 10.60 | 500. | 1. | 72. | | 17.5 | 11.0 | 1.8 |
| 22 | 09 | 76 | 1200 | | | .3 | | 30352 | 6 8 | 14.00 | 600. | 240. | 136. | | 13.0 | 12.0 | 1.0 |
| 19 | 10 | 76 | 1200 | | | .3 | | 30370 | 6 8 | 11.00 | 50. | 12. | 4. | | 7.0 | 13.0 | 1.0 |
| 23 | 11 | 76 | 0930 | | | .3 | | 30388 | 6 8 | 13.30 | 100. | 12. | 6. | | 0.0 | 11.0 | 0.6 |
| 21 | 12 | 76 | 1230 | | | .3 | | 30406 | 4 | 17.00 | 10000. | 460. | 456. | | 0.0 | 6.0 | 4.4 |
| MAXIMUM | | | | | | | | | | 499.00 | 10000. | 460. | 710. | | 23.5 | 14.0 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 62.21 | 410.* | 44.* D | 58.* | | 9.0 | 10.6 | 1.4 |
| MINIMUM | | | | | | | | | | 8.40 | 50. | 1. | 4. | | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 11 | 9 | 11 | | 11 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 | 01 | 76 | 1230 | | | .3 | | 0.054 | 0.002 | 0.040 | 0.680 | 0.013 | 1.500 | 522.0 | 32.0 | | |
| 25 | 02 | 76 | 1100 | | | .3 | | 0.111 | 0.042 | 0.076 | 0.730 | 0.021 | 2.380 | 305.0 | 42.0 | | |
| 17 | 03 | 76 | 1145 | | | .3 | | 0.064 | 0.017 | 0.048 | 0.550 | 0.011 | 1.820 | 340.0 | 15.0 | | |
| 21 | 04 | 76 | 1130 | | | .3 | | 0.047 | 0.003 | 0.006 | 0.500 | 0.009 | 0.176 | 330.0 | 14.0 | | |
| 26 | 05 | 76 | 1030 | | | .3 | | 0.018 | 0.002 | 0.016 | 0.310 | 0.006 | 0.399 | 324.0 | 3.8 | | |
| 16 | 06 | 76 | 1100 | | | .3 | | 0.016 | 0.002 | 0.006 | 0.410 | 0.001 | 0.005L | 268.0 | 0.9 | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 0.027 | 0.003 | 0.004 | 0.480 | 0.004 | 0.377 | 406.0 | 4.0 | | |
| 10 | 08 | 76 | 0930 | | | .3 | | 0.038 | 0.004 | 0.004 | 0.540 | 0.005 | 0.370 | 321.0 | 27.0 | | |
| 22 | 09 | 76 | 1200 | | | .3 | | 0.070 | 0.025 | 0.008 | 0.620 | 0.007 | 0.513 | 381.0 | 22.0 | | |
| 19 | 10 | 76 | 1200 | | | .3 | | 0.015 | 0.005 | 0.010 | 0.300 | 0.005 | 0.290 | 321.0 | 3.8 | | |
| 23 | 11 | 76 | 0930 | | | .3 | | 0.013 | 0.001 | 0.002 | 0.320 | 0.003 | 0.767 | 323.0 | 4.1 | | |
| 21 | 12 | 76 | 1230 | | | .3 | | 0.056 | 0.007 | 0.036 | 0.860 | 0.021 | 1.290 | 454.0 | 11.0 | | |
| MAXIMUM | | | | | | | | 0.111 | 0.042 | 0.076 | 0.860 | 0.021 | 2.380 | 522.0 | 42.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.044 | 0.009 | 0.021 | 0.525 | 0.009 | 0.824D | 357.9 | 15.0 | | |
| MINIMUM | | | | | | | | 0.013 | 0.001 | 0.002 | 0.300 | 0.001 | 0.005 | 268.0 | 0.9 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 | 01 | 76 | 1230 | | | .3 | | 700 | 28.00 | 44.0 | | | | | | | |
| 25 | 02 | 76 | 1100 | | | .3 | | 425 | 30.00 | 33.0 | | | | | | | |
| 17 | 03 | 76 | 1145 | | | .3 | | 480 | 9.00 | 32.5 | | | | | | | |
| 21 | 04 | 76 | 1130 | | | .3 | | 500 | 20.00 | 27.5 | | | | | | | |
| 26 | 05 | 76 | 1030 | | | .3 | | 500 | 3.70 | 20.5 | | | | | | | |
| 16 | 06 | 76 | 1100 | | | .3 | | 426 | 1.30 | 18.0 | | | | | | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 580 | 7.60 | 39.0 | | | | | | | |
| 10 | 08 | 76 | 0930 | | | .3 | | 482 | 20.00 | 21.5 | | | | | | | |
| 22 | 09 | 76 | 1200 | | | .3 | | 560 | 26.00 | 38.5 | | | | | | | |
| 19 | 10 | 76 | 1200 | | | .3 | | 530 | 5.50 | 25.0 | | | | | | | |
| 23 | 11 | 76 | 0930 | | | .3 | | 590 | 4.20 | 28.0 | | | | | | | |
| 21 | 12 | 76 | 1230 | | | .3 | | 670 | 16.00 | 47.5 | | | | | | | |
| MAXIMUM | | | | | | | | 700 | 30.00 | 47.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 537 | 14.28 | 31.3 | | | | | | | |
| MINIMUM | | | | | | | | 425 | 1.30 | 18.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: RATTRAY MARSH
 SAMPLE POINT: AT MEADOW WOOD ROAD CLARKSON
 STATION TYPE: RIVER

STATION ID: 06-0068-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: RATTRAY CREEK

STORET CODE: 02
 004
 0068

| STN NO | 1 | LAT | LONG | U.T.M. 17 0611850.0 4818800.0 4 | | | | | | REGION 03 | | MILEAGE | 0.90 | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 10 03 76 1500 | | | .3 | | 30014 | 6 | | 13200. | 10. L | 80. | | 6.0 | 13.0 | 3.0 |
| 13 04 76 1030 | | | .3 | | 30027 | 6 | | 900. | 1. | 4. | | 7.5 | 17.4 | 2.0 |
| 14 05 76 1045 | | | .3 | | 30040 | 6 | | 15000. G | 44. | 24. | 7. | 12.5 | 12.2 | 1.0 |
| 10 06 76 1200 | | | .3 | | 30053 | | | 10700E+1 | 556. | 428. | | | | 5.8 |
| 08 07 76 1200 | | | .3 | | 30066 | | | 71000. | | 268. | | | | 2.4 |
| 12 08 76 1135 | | | .3 | | 30079 | 8 | | 30000. | 1. | 1500. G | | 21.0 | 12.4 | 1.8 |
| 10 09 76 1190 | | | .3 | | 30092 | 8 | | 70000. | 1700. | 3100. | | 17.5 | 10.4 | 1.8 |
| 12 10 76 1330 | | | .3 | | 30105 | 8 | | 22000. | 220. | 70. | | 12.5 | 14.8 | 1.4 |
| 11 11 76 0835 | | | .3 | | 30118 | 6 | | 2900. | 276. | 136. | | 0.0 | 13.0 | 2.0 |
| 09 12 76 1200 | | | .3 | | 30131 | | | 36000. | 970. | 330. | | | | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

10700E+1
 19118.* U
 900.
 1700.
 66.* D
 1.
 3100.
 163.* U
 4.
 7.
 7.
 21.0
 11.0
 0.0
 17.4
 13.3
 10.4
 5.8
 2.2
 1.0

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 03 76 1500 | | | .3 | | 0.285 | 0.110 | 2.180 | 2.900 | 0.039 | 3.260 | | | | |
| 13 04 76 1030 | | | .3 | | 0.056 | 0.003 | 0.006 | 0.530 | 0.017 | 2.210 | 774.0 | 17.0 | | |
| 14 05 76 1045 | | | .3 | | 0.037 | 0.013 | 0.020 | 0.500 | 0.014 | 2.440 | 727.0 | 1.2 | | |
| 10 06 76 1200 | | | .3 | | 0.050 | 0.017 | 0.054 | 0.630 | 0.013 | 1.640 | 543.0 | 3.0 | | |
| 08 07 76 1200 | | | .3 | | 0.036 | 0.013 | 0.002L | 0.690 | 0.018 | 1.010 | 608.0 | 2.3 | | |
| 12 08 76 1135 | | | .3 | | 0.062 | 0.010 | 0.008 | 0.570 | 0.007 | 3.140 | 591.0 | 16.0 | | |
| 10 09 76 1190 | | | .3 | | 0.065 | 0.030 | 0.012 | 0.600 | 0.033 | 1.270 | 343.0 | 14.0 | | |
| 12 10 76 1330 | | | .3 | | 0.037 | 0.020 | 0.024 | 0.760 | 0.009 | 1.940 | 593.0 | 1.5 | | |
| 11 11 76 0835 | | | .3 | | 0.029 | 0.018 | 0.004 | 0.390 | 0.034 | 2.520 | 886.0 | 3.3 | | |
| 09 12 76 1200 | | | .3 | | 0.037 | 0.011 | 0.114 | 0.430 | 0.039 | 4.060 | 2677.0 | 11.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.285
 0.069
 0.029
 0.110
 0.025
 0.003
 2.180
 0.2420
 0.002
 2.900
 0.800
 0.380
 0.039
 0.022
 0.007
 4.060
 2.349
 1.010
 2677.0
 860.2
 343.0
 17.0
 7.7
 1.2

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 10 03 76 1500 | | | .3 | | 1370 | 30.00 | 280.0 | | | | | | | |
| 13 04 76 1030 | | | .3 | | 1150 | 4.30 | 175.0 | | | | | | | |
| 14 05 76 1045 | | | .3 | | 1100 | 1.00 | 163.0 | | | | | | | |
| 10 06 76 1200 | | | .3 | | 970 | 2.30 | | | | | | | | |
| 08 07 76 1200 | | | .3 | | 840 | 3.30 | 123.0 | | | | | | | |
| 12 08 76 1135 | | | .3 | | 890 | 4.30 | 120.0 | | | | | | | |
| 10 09 76 1190 | | | .3 | | 510 | 24.00 | 63.0 | | | | | | | |
| 12 10 76 1330 | | | .3 | | 1000 | 2.00 | 148.0 | | | | | | | |
| 11 11 76 0835 | | | .3 | | 1480 | 2.00 | 290.0 | | | | | | | |
| 09 12 76 1200 | | | .3 | | 5050 | 4.80 | 1375.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

5050
 1436
 510
 30.00
 7.80
 1.00
 1375.0
 304.1
 63.0

NO OF SAMPLES

B.O.W. / SITE: CREDIT RIVER
 SAMPLE POINT: HIGHWAY 5 ERINDALE
 STATION TYPE: RIVER FLOW GAUGE FED 02HB002

STATION ID: 06-0076-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CREDIT RIVER

STORET CODE: 02
 004
 4170

| STN NO | 2 | LAT | LONG | U.T.M. 17 0608390.0 4821825.0 4 | REGION 03 | MILEAGE | 4.90 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 26 01 76 | 1125 | | | | | .3 | | 30001 | | 105.00 | 588. | 28. | 68. | | | | 1.2 |
| 10 03 76 | 1440 | | | | | .3 | | 30013 | 6 | 521.00 | 600. | 10. L | 10. L | | 4.0 | 13.4 | 1.2 |
| 13 04 76 | 0930 | | | | | .3 | | 30026 | 6 | 321.00 | 60. | 1. | 4. | | 6.0 | 16.2 | 1.0 |
| 12 05 76 | 1600 | | | | | .3 | | 27227 | 6 | 530.00 | 2400. | 40. | 50. | | 14.0 | 8.8 | 1.4 |
| 14 05 76 | 0950 | | | | | .3 | | 30039 | 6 | 380.00 | 300. | 1. | 16. | | 13.0 | 12.6 | 1.0 |
| 10 06 76 | 1200 | | | | | .3 | | 30052 | | 146.00 | 50. | 44. | 4. | 4. | | | 1.0 |
| 24 06 76 | 1700 | | | | | .3 | | 27321 | 6 8 | 152.00 | 1000. | 10. | 210. | | 22.8 | 8.0 | 4.0 |
| 08 07 76 | 1200 | | | | | .3 | | 30055 | | 261.00 | 10600. | | 720. | | | | 3.0 |
| 23 07 76 | 1445 | | | | | .3 | | 27356 | 6 8 | 164.00 | 200. | | 50. | | 22.5 | 11.0 | 1.0 |
| 12 08 76 | 1100 | | | | | .3 | | 30078 | 6 | 148.00 | 400. | 1. | 50. | | 22.0 | 9.2 | 1.6 |
| 20 08 76 | 1400 | | | | | .3 | | 27413 | 6 | 119.00 | 10. L | | 50. | | 24.5 | 13.0 | 0.6 |
| 10 09 76 | 0930 | | | | | .3 | | 27461 | 6 9 | 120.00 | 700. | 152. | 480. | | 17.5 | 12.3 | 1.6 |
| | 1100 | | | | | .3 | | 30091 | 6 | 120.00 | 600. | 130. | 170. | | 19.0 | 10.6 | 1.2 |
| 12 10 76 | 1250 | | | | | .3 | | 30104 | 6 | 164.00 | 400. | 10. | 10. | | 12.0 | 14.6 | 1.6 |
| 19 10 76 | 1300 | | | | | .3 | | 27528 | 6 | 133.00 | 40. | 1. | 20. | | 6.0 | 12.9 | 0.6 |
| 08 11 76 | 1430 | | | | | .3 | | 27585 | 6 | 152.00 | 30. | 1. | 1. | | 2.0 | 16.2 | 1.1 |
| 11 11 76 | 0915 | | | | | .3 | | 30117 | 6 | 139.00 | 330. | 8. | 20. | | 0.0 | 16.0 | 1.1 |
| 06 12 76 | 1045 | | | | | .3 | | 27637 | 4 | 101.00 | 230. | 4. | 4. | | 1.0 | 10.4 | 1.0 |
| 09 12 76 | 1200 | | | | | .3 | | 30130 | | 90.00 | 400. | 16. | 12. | | | | 1.2 |
| MAXIMUM | | | | | | | | | | 530.00 | 10600. | 152. | 720. | 4. | 24.5 | 16.2 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 203.47 | 283.* D | 8.* D | 28.* D | 4.* | 12.4 | 12.3 | 1.4 |
| MINIMUM | | | | | | | | | | 90.00 | 10. | 1. | 1. | 4. | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 19 | 19 | 16 | 19 | 1 | 15 | 15 | 19 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 01 76 | 1125 | | | | | .3 | | 0.110 | 0.079 | 0.430 | 0.740 | 0.023 | 1.600 | 455.0 | 14.0 | | |
| 10 03 76 | 1440 | | | | | .3 | | 0.076 | 0.026 | 0.210 | 0.730 | 0.012 | 1.830 | | | | |
| 13 04 76 | 0930 | | | | | .3 | | 0.054 | 0.020 | 0.134 | 0.470 | 0.022 | 1.100 | 345.0 | 7.4 | | |
| 12 05 76 | 1600 | | | | | .3 | | 0.082 | 0.009 | 0.040 | 0.780 | 0.020 | 0.875 | 376.0 | 24.0 | 352 | |
| 14 05 76 | 0950 | | | | | .3 | | 0.029 | 0.005 | 0.040 | 0.490 | 0.022 | 0.643 | 318.0 | 5.2 | | |
| 10 06 76 | 1200 | | | | | .3 | | 0.038 | 0.016 | 0.036 | 0.550 | 0.028 | 0.262 | 283.0 | 3.0 | | |
| 24 06 76 | 1700 | | | | | .3 | | 0.080 | 0.001 | 0.034 | 0.950 | 0.025 | 0.435 | 378.0 | 18.0 | 360 | |
| 08 07 76 | 1200 | | | | | .3 | | 0.560 | 0.053 | 0.054 | 1.250 | 0.058 | 0.752 | 513.0 | 173.0 | | |
| 23 07 76 | 1445 | | | | | .3 | | 0.104 | 0.074 | 0.016 | 0.420 | 0.004 | 0.016 | 279.0 | 8.1 | 271 | |
| 12 08 76 | 1100 | | | | | .3 | | 0.020 | 0.005 | 0.048 | 0.510 | 0.006 | 0.369 | 312.0 | 8.8 | | |
| 20 08 76 | 1400 | | | | | .3 | | 0.024 | 0.006 | 0.026 | 0.580 | 0.005 | 0.060 | 296.0 | 6.3 | 290 | |
| 10 09 76 | 0930 | | | | | .3 | | 0.041 | 0.004 | 0.012 | 0.520 | 0.004 | 0.136 | 256.0 | 12.0 | 244 | |
| | 1100 | | | | | .3 | | 0.033 | 0.003 | 0.034 | 0.530 | 0.005 | 0.140 | 312.0 | 9.0 | | |
| 12 10 76 | 1250 | | | | | .3 | | 0.028 | 0.011 | 0.026 | 0.330 | 0.019 | 0.690 | 325.0 | 6.6 | | |
| 19 10 76 | 1300 | | | | | .3 | | 0.035 | 0.016 | 0.024 | 0.330 | 0.014 | 0.731 | 353.0 | 5.7 | 347 | |
| 08 11 76 | 1430 | | | | | .3 | | 0.031 | 0.012 | 0.028 | 0.370 | 0.014 | 0.956 | 348.0 | 5.4 | 343 | |
| 11 11 76 | 0915 | | | | | .3 | | 0.028 | 0.010 | 0.160 | 0.380 | 0.012 | 0.963 | 358.0 | 6.1 | | |
| 06 12 76 | 1045 | | | | | .3 | | 0.020 | 0.009 | 0.226 | 0.520 | 0.012 | 1.520 | 394.0 | 14.0 | 380 | |
| 09 12 76 | 1200 | | | | | .3 | | 0.037 | 0.012 | 0.236 | 0.530 | 0.013 | 1.530 | 427.0 | 3.4 | | |
| MAXIMUM | | | | | | | | 0.560 | 0.079 | 0.430 | 1.250 | 0.058 | 1.830 | 513.0 | 173.0 | 380 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.075 | 0.020 | 0.095 | 0.578 | 0.017 | 0.769 | 351.6 | 18.3 | 323 | |
| MINIMUM | | | | | | | | 0.020 | 0.001 | 0.012 | 0.330 | 0.004 | 0.016 | 256.0 | 3.0 | 244 | |
| NO OF SAMPLES | | | | | | | | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 8 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 01 76 | 1125 | | | | | .3 | | 640 | 5.50 | 69.0 | | | | | | | |
| 10 03 76 | 1440 | | | | | .3 | | 550 | 8.00 | 34.0 | | | | | | | |
| 13 04 76 | 0930 | | | | | .3 | | 520 | 3.60 | 27.5 | | | | | | | |
| 12 05 76 | 1600 | | | | | .3 | | 500 | 15.00 | 28.0 | 34.0 | 1.55 | | | 8.64 | 1.700 | |
| 14 05 76 | 0950 | | | | | .3 | | 550 | 3.00 | 28.0 | | | | | | | |
| 10 06 76 | 1200 | | | | | .3 | | 510 | 1.70 | 33.0 | | | | | | | |
| 24 06 76 | 1700 | | | | | .3 | | 520 | 15.00 | 33.5 | 98.0 | 3.05 | | | 8.32 | 6.900 | |
| 08 07 76 | 1200 | | | | | .3 | | 485 | 95.00 | 30.0 | | | | | | | |
| 23 07 76 | 1445 | | | | | .3 | | 455 | 2.90 | 30.0 | 28.5 | 0.75 | | | 8.72 | 0.220 | |
| 12 08 76 | 1100 | | | | | .3 | | 490 | 3.80 | 30.5 | | | | | | | |
| 20 08 76 | 1400 | | | | | .3 | | 445 | 3.90 | 32.0 | 31.0 | 0.20 | | | 8.63 | 0.230 | |
| 10 09 76 | 0930 | | | | | .3 | | 480 | 5.40 | 38.5 | 34.0 | 0.90 | | | 8.52 | 0.370 | |
| | 1100 | | | | | .3 | | 465 | 5.20 | 37.0 | | | | | | | |
| 12 10 76 | 1250 | | | | | .3 | | 560 | 3.20 | 35.5 | | | | | | | |
| 19 10 76 | 1300 | | | | | .3 | | 560 | 3.50 | 36.5 | 37.5 | 1.45 | | | 8.56 | 0.200 | |
| 08 11 76 | 1430 | | | | | .3 | | 570 | 4.20 | 35.5 | 40.0 | 0.80 | | | 8.69 | 0.270 | |
| 11 11 76 | 0915 | | | | | .3 | | 620 | 2.60 | 40.5 | | | | | | | |
| 06 12 76 | 1045 | | | | | .3 | | 660 | 2.00 | 42.0 | 43.0 | 3.10 | | | 8.20 | 0.150 | |
| 09 12 76 | 1200 | | | | | .3 | | 780 | 2.40 | 54.0 | | | | | | | |
| MAXIMUM | | | | | | | | 780 | 95.00 | 69.0 | 98.0 | 3.10 | | | 8.72 | 6.900 | |
| AVG OR GEOM MN (*) | | | | | | | | 545 | 9.78 | 36.6 | 43.3 | 1.48 | | | 8.54 | 1.255 | |
| MINIMUM | | | | | | | | 445 | 1.70 | 27.5 | 28.5 | 0.20 | | | 8.20 | 0.150 | |
| NO OF SAMPLES | | | | | | | | 19 | 19 | 19 | 8 | 8 | | | 8 | | 8 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 26 | 01 | 76 | 1125 | | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 1440 | | | .3 | | | | | | | | | | | |
| 13 | 04 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 12 | 05 | 76 | 1600 | | | .3 | | 1.0 | | | | | | | 6 | 17 | 0 |
| 14 | 05 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 10 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1700 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 07 | 76 | 1200 | | | .3 | | | | | | | | | 9 | 22 | |
| 23 | 07 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | | | |
| 12 | 08 | 76 | 1100 | | | .3 | | | | | | | | | 8 | 18 | |
| 20 | 08 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | | | |
| 10 | 09 | 76 | 0930 | | | .3 | | 1.0L | | | | | | | 8 | 20 | |
| | | | 1100 | | | .3 | | | | | | | | | 6 | 10L | 2 |
| 12 | 10 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 19 | 10 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 11 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | 10 | 45 | |
| 11 | 11 | 76 | 0915 | | | .3 | | | | | | | | | 6 | 10 | |
| 06 | 12 | 76 | 1045 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | | | | | | | | 9 | 16 | 0 |

| | | | | | | | | |
|--------------------|------|--|--|--|--|----|-----|---|
| MAXIMUM | 1.0 | | | | | 10 | 45 | 2 |
| AVG OR GEOM MN (*) | 1.0D | | | | | 8 | 20D | 1 |
| MINIMUM | 1.0 | | | | | 6 | 10 | 0 |
| NO OF SAMPLES | 8 | | | | | 8 | 8 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 05 | 76 | 1600 | | | .3 | | 0.001L | 0.020L | | 0.020L | 0.020 | 0.010L | 0.010L | 0.030 | | 0.010L |
| 10 | 09 | 76 | 0930 | | | .3 | | 0.001 | 0.020L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| 06 | 12 | 76 | 1045 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.010 | 0.005L | 0.030 | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.030 | | 0.020 | 0.020 | 0.010 | 0.010 | 0.030 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.023D | | 0.017D | 0.013D | 0.010D | 0.008D | 0.023D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W. / SITE: CREDIT RIVER
SAMPLE POINT: HIGHWAY 7 NORVAL
STATION TYPE: RIVER

STATION ID: 06-0076-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO 3 LAT LONG U.T.M. 17 0592200.0 4833175.0 4 REGION 03 MILEAGE 21.40

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 03 | 76 | 1230 | | | .3 | | 30010 | 6 | | 400. | 10. L | 10. L | | 3.0 | 12.6 | 1.2 |
| 12 | 04 | 76 | 1345 | | | .3 | | 30023 | 6 | | 10. | 1. | 1. | | 6.5 | 13.8 | 0.8 |
| 13 | 05 | 76 | 1200 | | | .3 | | 30036 | | | 200. | 1. | 16. | | | | 1.6 |
| 09 | 06 | 76 | 1400 | | | .3 | | 30049 | 6 | | 1100. | 1. | 12. | | 24.0 | 9.4 | 1.8 |
| 07 | 07 | 76 | 1200 | | | .3 | | 30062 | | | 700. | | 52. | | | | 1.6 |
| 11 | 08 | 76 | 1400 | | | .3 | | 30075 | 6 | | 200. | 1. | 8. | | 21.5 | 10.4 | 1.8 |
| 09 | 09 | 76 | 1200 | | | .3 | | 30088 | | | 200. | 16. | 16. | | | | 2.2 |
| 13 | 10 | 76 | 1400 | | | .3 | | 30101 | 6 | | 110. | 2. | 6. | | 13.0 | 13.4 | 1.8 |
| 11 | 11 | 76 | 1205 | | | .3 | | 30114 | 8 | | 80. | 1. | 24. | | 1.0 | 13.4 | 1.4 |
| 09 | 12 | 76 | 1200 | | | .3 | | 30127 | | | 10. | 4. L | 4. | | | | 1.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 1100. | 16. | 52. | | 24.0 | 13.8 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 136.* | 2.* D | 10.* D | | 11.5 | 12.2 | 1.6 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 1.0 | 9.4 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 9 | 10 | | 6 | 6 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 03 | 76 | 1230 | | | .3 | | 0.195 | 0.130 | 0.940 | 1.840 | 0.016 | 1.680 | | | | |
| 12 | 04 | 76 | 1345 | | | .3 | | | 0.042 | 0.306 | | 0.009 | 0.951 | 322.0 | 5.4 | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 0.060 | 0.024 | 0.138 | 0.500 | 0.017 | 0.643 | 330.0 | 12.0 | | |
| 09 | 06 | 76 | 1400 | | | .3 | | 0.127 | 0.089 | 0.192 | 0.790 | 0.102 | 0.803 | 363.0 | 9.7 | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 0.105 | 0.062 | 0.164 | 0.640 | 0.092 | 0.823 | 360.0 | 14.0 | | |
| 11 | 08 | 76 | 1400 | | | .3 | | 0.034 | 0.014 | 0.066 | 0.510 | 0.150 | 0.630 | 343.0 | 4.8 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.166 | 0.100 | 0.290 | 0.880 | 0.170 | 0.650 | 350.0 | 20.0 | | |
| 13 | 10 | 76 | 1400 | | | .3 | | 0.067 | 0.002 | 0.316 | 0.660 | 0.055 | 0.795 | 340.0 | 4.5 | | |
| 11 | 11 | 76 | 1205 | | | .3 | | 0.017 | 0.010 | 0.420 | 0.680 | 0.019 | 0.981 | 351.0 | 4.1 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.131 | 0.110 | 0.650 | 0.980 | 0.031 | 1.470 | 408.0 | 6.7 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.195 | 0.130 | 0.940 | 1.840 | 0.170 | 1.680 | 408.0 | 20.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.100 | 0.058 | 0.348 | 0.831 | 0.068 | 0.943 | 351.9 | 9.0 | | |
| MINIMUM | | | | | | | | 0.017 | 0.002 | 0.066 | 0.500 | 0.009 | 0.630 | 322.0 | 4.1 | | |
| NO OF SAMPLES | | | | | | | | 9 | 10 | 10 | 9 | 10 | 10 | 9 | 9 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 1230 | | | .3 | | 660 | 5.20 | 50.0 | | | | | | | |
| 12 | 04 | 76 | 1345 | | | .3 | | 500 | 4.40 | 24.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 500 | 3.50 | 25.0 | | | | | | | |
| 09 | 06 | 76 | 1400 | | | .3 | | 540 | 3.20 | 31.5 | | | | | | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 550 | 4.50 | 32.0 | | | | | | | |
| 11 | 08 | 76 | 1400 | | | .3 | | 530 | 1.90 | 30.5 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 540 | 8.60 | 34.5 | | | | | | | |
| 13 | 10 | 76 | 1400 | | | .3 | | 570 | 2.00 | 34.0 | | | | | | | |
| 11 | 11 | 76 | 1205 | | | .3 | | 600 | 2.40 | 38.0 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 730 | 2.60 | 42.5 | | | | | | | |
| MAXIMUM | | | | | | | | 730 | 8.60 | 50.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 572 | 3.83 | 34.2 | | | | | | | |
| MINIMUM | | | | | | | | 500 | 1.90 | 24.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: ROGERS CREEK
SAMPLE POINT: HIGHWAY 7 NORVAL
STATION TYPE: RIVER FLOW GAUGE FED 02HB008

STATION ID: 06-0076-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

| STN NO | 4 | LAT | LONG | U.T.M. 17 0591420.0 4833025.0 4 | REGION 03 | MILEAGE | 21.70 | | | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 10 | 03 | 76 | 1200 | | | .3 | | 30009 | 6 | 114.00 | 100. | 10. | L | 10. | L | | |
| 12 | 04 | 76 | 1325 | | | .3 | | 30022 | 6 | 58.90 | 10. | L | 1. | 1. | | | 1.6 |
| 13 | 05 | 76 | 1200 | | | .3 | | 30035 | | 89.90 | 100. | | 1. | 4. | | | 1.8 |
| 09 | 06 | 76 | 1335 | | | .3 | | 30048 | 6 | 26.70 | 1400. | | | 8. | | 23.0 | 10.0 |
| 07 | 07 | 76 | 1200 | | | .3 | | 30061 | | 58.00 | 200. | | | 12. | | | 4.6 |
| 11 | 08 | 76 | 1330 | | | .3 | | 30074 | | 19.50 | 300. | 1. | 1. | | | | 6.0 |
| 09 | 09 | 76 | 1200 | | | .3 | | 30087 | | 15.50 | 400. | 8. | 4. | | | | 11.0 |
| 13 | 10 | 76 | 1330 | | | .3 | | 30100 | 6 | 24.70 | 16. | 1. | 2. | | 13.0 | 12.8 | 5.6 |
| 11 | 11 | 76 | 1235 | | | .3 | | 30113 | 6 | 23.90 | 68. | 2. | 12. | | 3.0 | 12.2 | 5.0 |
| 09 | 12 | 76 | 1200 | | | .3 | | 30126 | | 19.00 | 100. | 4. | L | 4. | L | | 2.5 |
| MAXIMUM | | | | | | | | | | 114.00 | 1400. | 10. | | 12. | | 23.0 | 11.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 45.01 | 114.* D | 2.* D | | 4.* D | | 9.6 | 5.3 |
| MINIMUM | | | | | | | | | | 15.50 | 10. | 1. | | 1. | | 2.5 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | 10 | 10 | 8 | | 10 | | 5 | 9 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 10 | 03 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1325 | | | .3 | | 0.310 | 0.280 | 1.660 | 2.300 | 0.027 | 1.540 | 442.0 | 6.3 | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 0.190 | 0.090 | 0.660 | | 0.048 | 1.350 | 423.0 | 15.0 | | |
| 09 | 06 | 76 | 1335 | | | .3 | | 0.450 | 0.395 | 1.000 | 1.480 | 0.535 | 1.720 | 573.0 | 5.7 | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 0.275 | 0.240 | 0.900 | 1.630 | 0.320 | 2.380 | 573.0 | 13.0 | | |
| 11 | 08 | 76 | 1330 | | | .3 | | 0.109 | 0.064 | 0.010 | 1.150 | 0.920 | 3.330 | 585.0 | 3.3 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.610 | 0.600 | 2.300 | 2.800 | 0.990 | 2.010 | 663.0 | 74.0 | | |
| 13 | 10 | 76 | 1330 | | | .3 | | 0.245 | 0.220 | 1.800 | 1.800 | 0.240 | 2.060 | 537.0 | 5.4 | | |
| 11 | 11 | 76 | 1235 | | | .3 | | 0.074 | 0.045 | 0.400 | 3.700 | 0.090 | 2.260 | 610.0 | 3.7 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.510 | 0.460 | 2.950 | 3.000 | 0.120 | 2.630 | 638.0 | 8.9 | | |
| MAXIMUM | | | | | | | | 0.610 | 0.600 | 2.950 | 3.700 | 0.990 | 3.330 | 663.0 | 74.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.308 | 0.266 | 1.298 | 2.233 | 0.366 | 2.142 | 560.4 | 15.0 | | |
| MINIMUM | | | | | | | | 0.074 | 0.045 | 0.010 | 1.150 | 0.027 | 1.350 | 423.0 | 3.3 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 8 | 9 | | 9 | 9 | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 04 | 76 | 1325 | | | .3 | | 700 | 3.10 | 59.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 700 | 5.10 | 50.0 | | | | | | | |
| 09 | 06 | 76 | 1335 | | | .3 | | 880 | 3.90 | 98.0 | | | | | | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 840 | 5.90 | 91.0 | | | | | | | |
| 11 | 08 | 76 | 1330 | | | .3 | | 920 | 1.50 | 120.0 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 960 | 54.00 | 120.0 | | | | | | | |
| 13 | 10 | 76 | 1330 | | | .3 | | 920 | 3.60 | 103.0 | | | | | | | |
| 11 | 11 | 76 | 1235 | | | .3 | | 1020 | 1.60 | 68.0 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 1160 | 4.00 | 130.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1160 | 54.00 | 130.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 900 | 9.19 | 93.2 | | | | | | | |
| MINIMUM | | | | | | | | 700 | 1.50 | 50.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: HIGHWAY 10 DOWNSTREAM FROM ORANGEVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HB013

STP.
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STATION ID: 06-0076-006-02

STORET CODE: 02
004
4170

| STN NO | | 6 | | LAT | | LONG | | U.T.M. 17 0575210.0 4862025.0 4 | | | | REGION 03 | | MILEAGE | | 52.00 | | | | | | | | | | | | | |
|---------------|----|------|------|-----|--|-------|----|---------------------------------|--|--------|---|-----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|-------|------|-------|--|-------|--|
| SAMP DTE HOUR | | STN | | STN | | SAMP | | PJ | | 934 | | 901 | | 444 | | 80 | | 81 | | 84 | | 88 | | 805 | | 3 | | 1 | |
| DY MO YR LMT | | DIST | | BRG | | DEPTH | | | | SAMPLE | | SCD | | FLOW CFS | | TOTAL | | FECAL | | M.F. | | PSEUD. | | WATER | | DISS. | | 5-DAY | |
| | | FEET | | | | MTRS | | | | NO | | | | | | COLIFORM | | COLIFORM | | ENTER. | | MPA | | TEMP. | | MG/L | | BOD | |
| | | | | | | | | | | | | | | | | MF/100ML | | MF/100ML | | MF/100ML | | MF/100ML | | DEG C | | | | MG/L | |
| 11 | 03 | 76 | 0830 | | | | .3 | | | 30002 | 6 | | | 20.40 | | | | | | | | | | 1.0 | 11.4 | | | 0.6 | |
| 12 | 04 | 76 | 0810 | | | | .3 | | | 30015 | 6 | | | 30.50 | | 8100. | | 1. | | 12. | | | | 1.5 | 12.2 | | | 1.0 | |
| 13 | 05 | 76 | 1200 | | | | .3 | | | 30028 | | | | 26.80 | | 15000. | | 1. | | 4. | | | | | | | | 0.8 | |
| 09 | 06 | 76 | 0810 | | | | .3 | | | 30041 | 6 | | | 11.20 | | 1000. | | | | 116. | | | | 19.0 | 6.2 | | | 0.8 | |
| 07 | 07 | 76 | 1200 | | | | .3 | | | 30054 | | | | 15.50 | | 200. | | | | 72. | | | | | | | | 0.6 | |
| 11 | 08 | 76 | 0810 | | | | .3 | | | 30067 | 6 | | | 17.50 | | 800. | | 1. | | 100. | | | | 17.0 | 6.0 | | | 0.8 | |
| 09 | 09 | 76 | 1200 | | | | .3 | | | 30080 | | | | 12.70 | | 500. | | 228. | | 136. | | | | | | | | 0.6 | |
| 13 | 10 | 76 | 0820 | | | | .3 | | | 30093 | 6 | | | 14.70 | | 300. | | 16. | | 20. | | | | 10.0 | 7.8 | | | 1.2 | |
| 12 | 11 | 76 | 1250 | | | | .3 | | | 30106 | 6 | | | 18.00 | | 120. | | 1. | | 8. | | | | 1.0 | 16.2 | | | 0.9 | |
| 10 | 12 | 76 | 1045 | | | | .3 | | | 30119 | 4 | | | 14.00 | | 160. | | 24. | | 14. | | | | 0.0 | 7.8 | | | 1.4 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

30.50 15000. 228. 136.
18.13 726.* 5.* 28.*
11.20 120. 1. 4.

19.0 16.2 1.4
7.1 9.7 0.9
0.0 6.0 0.6

NO OF SAMPLES

10 9 7 9 7 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 11 03 76 0830 | | | .3 | | 0.153 | 0.120 | 0.328 | 0.720 | | 3.060 | | | | |
| 12 04 76 0810 | | | .3 | | | | | | | | | 3.2 | | |
| 13 05 76 1200 | | | .3 | | 0.114 | 0.086 | 0.006 | 0.480 | 0.011 | 0.979 | 338.0 | 2.7 | | |
| 09 06 76 0810 | | | .3 | | 0.190 | 0.181 | 0.004 | 0.590 | 0.090 | 1.510 | 425.0 | 1.6 | | |
| 07 07 76 1200 | | | .3 | | 0.425 | 0.400 | | 0.500 | 0.008 | 0.382 | 383.0 | 3.0 | | |
| 11 08 76 0810 | | | .3 | | 0.270 | 0.260 | 0.014 | 0.450 | 0.007 | 0.488 | 335.0 | 1.2 | | |
| 09 09 76 1200 | | | .3 | | 0.302 | 0.240 | 0.008 | 0.620 | 0.003 | 0.277 | 346.0 | 6.3 | | |
| 13 10 76 0820 | | | .3 | | 0.105 | 0.098 | 0.006 | 0.430 | 0.004 | 1.900 | 348.0 | 2.0 | | |
| 12 11 76 1250 | | | .3 | | 0.108 | 0.089 | 0.006 | 0.380 | 0.003 | 2.400 | 388.0 | 4.3 | | |
| 10 12 76 1045 | | | .3 | | 0.170 | 0.120 | 1.120 | 1.610 | 0.019 | 2.280 | 433.0 | 6.8 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.425 0.400 1.120 1.610 0.090 3.060 433.0 6.8
0.204 0.177 0.187 0.642 0.018 1.475 374.5 3.5
0.105 0.086 0.004 0.380 0.003 0.277 335.0 1.2

NO OF SAMPLES

9 9 8 9 8 9 8 9

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 11 03 76 0830 | | | .3 | | 670 | 1.50 | 56.0 | | | | | | | |
| 12 04 76 0810 | | | .3 | | 480 | | | | | | | | | |
| 13 05 76 1200 | | | .3 | | 550 | 1.00 | 31.5 | | | | | | | |
| 09 06 76 0810 | | | .3 | | 678 | 1.20 | 50.0 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 570 | 1.30 | 37.0 | | | | | | | |
| 11 08 76 0810 | | | .3 | | 540 | 1.30 | 36.0 | | | | | | | |
| 09 09 76 1200 | | | .3 | | 560 | 1.60 | 39.0 | | | | | | | |
| 13 10 76 0820 | | | .3 | | 600 | 1.00 | 41.5 | | | | | | | |
| 12 11 76 1250 | | | .3 | | 640 | 1.20 | 51.0 | | | | | | | |
| 10 12 76 1045 | | | .3 | | 710 | 3.50 | 65.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

710 3.50 65.0
600 1.51 45.2
480 1.00 31.5

NO OF SAMPLES

10 9 9

B.O.W./ SITE: BLACK CREEK
SAMPLE POINT: FIRST CONCESSION UPSTREAM FROM LIMEHOUSE
STATION TYPE: RIVER FLOW GAUGE FED 02HB106

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STATION ID: 06-0076-008-02

STORET CODE: 02
004
4170

| STN NO | 8 | LAT | LONG | U.T.M. 17 0579750.0 4830925.0 4 | | | | | | REGION 03 | | MILEAGE | 31.60 | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-----|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-D |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | B |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG |
| 11 03 76 1300 | | | .3 | | 30008 | 6 | | | | | | 4.5 | 12.2 | 2. |
| 12 04 76 1305 | | | .3 | | 30021 | 6 | | 200. | 1. | 1. | | 6.0 | 12.8 | 10. |
| 13 05 76 1200 | | | .3 | | 30034 | | 13.0 | 300. | 1. | 12. | | | | 6. |
| 09 06 76 1305 | | | .3 | | 30047 | 7 | 5.1 | 300. | | 100. | | 21.5 | 9.0 | 4. |
| 07 07 76 1200 | | | .3 | | 30060 | | 12.5 | 200. | | 324. | | | | 10. |
| 11 08 76 1220 | | | .3 | | 30073 | 7 | 5.3 | 200. | 1. | 56. | | 19.5 | 7.8 | 1. |
| 09 09 76 1200 | | | .3 | | 30086 | | 4.2 | 300. | 92. | 92. | | | | 0. |
| 13 10 76 1230 | | | .3 | | 30099 | 8 | 5.8 | 100. | 12. | 4. | | 11.5 | 7.4 | 2. |
| 11 11 76 1320 | | | .3 | | 30112 | 8 | 9.3 | 310. | 18. | 1. | | 3.5 | 10.0 | 7. |
| 09 12 76 1200 | | | .3 | | 30125 | | 9.8 | 720. | 988. | 60. | | | | 14. |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

13.0 720. 988. 324.
8.1 257.* 11.* 20.*
4.2 100. 1. 1.

21.5 12.8 14.0
11.1 9.9 5.9
3.5 7.4 0.6

NO OF SAMPLES

8 9 7 9 6 6 10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 03 | 76 | 1300 | | | .3 | | 0.340 | 0.285 | 1.930 | 2.100 | 0.640 | 2.440 | | | | |
| 12 | 04 | 76 | 1305 | | | .3 | | 0.955 | 0.825 | 7.700 | 9.500 | 0.175 | 3.830 | 1089.0 | 8.7 | | |
| 13 | 05 | 76 | 1200 | | | .3 | | | 0.260 | 3.400 | | 0.240 | 2.510 | 721.0 | 5.8 | | |
| 09 | 06 | 76 | 1305 | | | .3 | | 0.610 | 0.525 | 0.354 | 1.380 | 0.420 | 4.580 | 1042.0 | 6.4 | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 0.665 | 0.590 | 4.500 | 4.950 | 0.750 | 3.650 | | | | |
| 11 | 08 | 76 | 1220 | | | .3 | | 0.790 | 0.740 | 0.112 | 0.620 | 0.180 | 0.462 | 902.0 | 1.6 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.410 | 0.400 | 0.028 | 0.520 | 0.053 | 6.200 | 1039.0 | 1.9 | | |
| 13 | 10 | 76 | 1230 | | | .3 | | 0.395 | 0.340 | 0.500 | 0.930 | 0.200 | 5.800 | 859.0 | 2.1 | | |
| 11 | 11 | 76 | 1320 | | | .3 | | 0.525 | 0.320 | 4.600 | 5.250 | 0.090 | 6.110 | 1120.0 | 6.7 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.520 | 0.310 | 5.000 | 5.400 | 0.068 | 5.330 | 1115.0 | 7.7 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|--------|-----|--|--|
| MAXIMUM | | | | | | | | 0.955 | 0.825 | 7.700 | 9.500 | 0.750 | 6.200 | 1120.0 | 8.7 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.581 | 0.460 | 2.812 | 3.406 | 0.222 | 4.091 | 985.9 | 5.1 | | |
| MINIMUM | | | | | | | | 0.340 | 0.260 | 0.028 | 0.520 | 0.040 | 0.462 | 721.0 | 1.6 | | |
| NO OF SAMPLES | | | | | | | | 9 | 10 | 10 | 9 | 10 | 10 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 03 | 76 | 1300 | | | .3 | | 950 | 3.00 | 140.0 | | | | | | | |
| 12 | 04 | 76 | 1305 | | | .3 | | 1750 | 7.90 | 30.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 1200 | 3.80 | 180.0 | | | | | | | |
| 09 | 06 | 76 | 1305 | | | .3 | | 1630 | 3.20 | 280.0 | | | | | | | |
| 07 | 07 | 76 | 1200 | | | .3 | | | 3.80 | | | | | | | | |
| 11 | 08 | 76 | 1220 | | | .3 | | 1340 | 1.30 | 250.0 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 1650 | 1.00 | 275.0 | | | | | | | |
| 13 | 10 | 76 | 1230 | | | .3 | | 1460 | 1.60 | 240.0 | | | | | | | |
| 11 | 11 | 76 | 1320 | | | .3 | | 1900 | 4.60 | 325.0 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 2100 | 7.60 | 320.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|-------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 2100 | 7.90 | 325.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1553 | 3.76 | 226.7 | | | | | | | |
| MINIMUM | | | | | | | | 950 | 1.00 | 30.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 10 | 9 | | | | | | | |

B.O.W./ SITE: CREDIT RIVER WEST
SAMPLE POINT: AT COUNTY ROAD 9 TERRA COTTA
STATION TYPE: RIVER

STATION ID: 06-0076-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO 10 LAT LONG U.T.M. 17 0586100.0 4841500.0 4 REGION 03 MILEAGE 31.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 11 | 03 | 76 | 1115 | | | .3 | | 30005 | 6 | | | | | | 2.5 | 13.8 | 0.8 |
| 12 | 04 | 76 | 1015 | | | .3 | | 30018 | 6 | | 50. | 1. | 4. | | 4.0 | 13.8 | 1.0 |
| 13 | 05 | 76 | 1200 | | | .3 | | 30031 | | | 100. | 4. | 8. | | | | 0.8 |
| 09 | 06 | 76 | 1005 | | | .3 | | 30044 | 6 | | 110. | | 4. | | 21.0 | 9.2 | 1.2 |
| 07 | 07 | 76 | 1200 | | | .3 | | 30057 | | | 300. | | 304. | | | | 1.0 |
| 11 | 08 | 76 | 1015 | | | .3 | | 30070 | 6 | | 700. | 1. | 64. | | 18.5 | 9.2 | 1.2 |
| 09 | 09 | 76 | 1200 | | | .3 | | 30083 | | | 440. | 124. | 1520. | | | | 1.0 |
| 13 | 10 | 76 | 1020 | | | .3 | | 30096 | 6 | | 200. | 12. | 20. | | 10.0 | 10.2 | 1.2 |
| 12 | 11 | 76 | 1035 | | | .3 | | 30109 | 8 | | | 1. | 8. | | 0.0 | 19.6 | 1.1 |
| 10 | 12 | 76 | 0855 | | | .3 | | 30122 | 8 | | 160. | 6. | 10. | | 1.0 | 18.4 | 1.6 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------|------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | | | | | | | | 700. | 124. | 1520. | | 21.0 | 19.6 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | | | 189.* | 4.* | 26.* | | 8.1 | 13.5 | 1.1 |
| MINIMUM | | | | | | | | | | | | | | | | | | 50. | 1. | 4. | | 0.0 | 9.2 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | | | | | | | | 7 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 03 | 76 | 1115 | | | .3 | | 0.036 | 0.002 | 0.006 | 0.390 | 0.005 | 1.370 | | | | |
| 12 | 04 | 76 | 1015 | | | .3 | | 0.023 | 0.006 | 0.002 | 0.270 | 0.005 | 0.900 | 277.0 | 4.8 | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 0.019 | 0.002 | 0.002L | 0.350 | 0.005 | 0.585 | 299.0 | 5.3 | | |
| 09 | 06 | 76 | 1005 | | | .3 | | 0.031 | 0.004 | 0.004 | 0.460 | 0.009 | 0.401 | 305.0 | 7.4 | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 0.068 | 0.025 | 0.002L | 0.480 | 0.006 | 0.584 | 313.0 | 13.0 | | |
| 11 | 08 | 76 | 1015 | | | .3 | | 0.038 | 0.018 | 0.006 | 0.380 | 0.003 | 0.412 | 301.0 | 5.2 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.032 | 0.009 | 0.002 | 0.350 | 0.003 | 0.247 | 285.0 | 7.4 | | |
| 13 | 10 | 76 | 1020 | | | .3 | | 0.024 | 0.006 | 0.002 | 0.310 | 0.002 | 0.598 | 296.0 | 9.2 | | |
| 12 | 11 | 76 | 1035 | | | .3 | | 0.013 | 0.002 | 0.004 | 0.310 | 0.003 | 0.822 | 306.0 | 7.6 | | |
| 10 | 12 | 76 | 0855 | | | .3 | | 0.015 | 0.003 | 0.056 | 0.300 | 0.017 | 1.080 | 345.0 | 6.3 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.068 | 0.025 | 0.056 | 0.480 | 0.017 | 1.370 | 345.0 | 13.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.030 | 0.008 | 0.009D | 0.360 | 0.006 | 0.700 | 303.0 | 7.4 | | |
| MINIMUM | | | | | | | | 0.013 | 0.002 | 0.002 | 0.270 | 0.002 | 0.247 | 277.0 | 4.8 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 03 | 76 | 1115 | | .3 | | 490 | 4.00 | 20.0 | | | | | | | |
| 12 | 04 | 76 | 1015 | | .3 | | 460 | 3.10 | 16.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | .3 | | 480 | 2.00 | 16.5 | | | | | | | |
| 09 | 06 | 76 | 1005 | | .3 | | 461 | 2.30 | 16.5 | | | | | | | |
| 07 | 07 | 76 | 1200 | | .3 | | 470 | 4.20 | 15.0 | | | | | | | |
| 11 | 08 | 76 | 1015 | | .3 | | 485 | 3.30 | 15.5 | | | | | | | |
| 09 | 09 | 76 | 1200 | | .3 | | 460 | 2.20 | 16.5 | | | | | | | |
| 13 | 10 | 76 | 1020 | | .3 | | 490 | 3.20 | 15.0 | | | | | | | |
| 12 | 11 | 76 | 1035 | | .3 | | 510 | 1.60 | 18.0 | | | | | | | |
| 10 | 12 | 76 | 0855 | | .3 | | 550 | 2.50 | 19.0 | | | | | | | |
| MAXIMUM | | | | | | | 550 | 4.20 | 20.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 486 | 2.84 | 16.8 | | | | | | | |
| MINIMUM | | | | | | | 460 | 1.60 | 15.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: ROGERS CREEK
SAMPLE POINT: AT 8TH LINE SOUTH OF 27 SIDE ROAD
STATION TYPE: RIVER

STATION ID: 06-0076-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO 12 LAT LONG U.T.M. 17 0583550.0 4836400.0 4 REGION 03 MILEAGE 27.40

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 11 | 03 | 76 | 1215 | | .3 | | 30007 | 4 | | | | | | 2.0 | 13.0 | 1.2 |
| 12 | 04 | 76 | 1145 | | .3 | | 30020 | 6 | | 80. | 1. | 4. | | 5.0 | 13.6 | 0.8 |
| 13 | 05 | 76 | 1200 | | .3 | | 30033 | | | 600. | 8. | 12. | | | | 0.6 |
| 09 | 06 | 76 | 1140 | | .3 | | 30046 | 9 | | 600. | | 64. | | 22.5 | 9.6 | 0.6 |
| 07 | 07 | 76 | 1200 | | .3 | | 30059 | | | 500. | | 440. | | | | 0.6 |
| 11 | 08 | 76 | 1145 | | .3 | | 30072 | 5 | | 700. | 1. | 84. | | 21.0 | 8.2 | 1.0 |
| 09 | 09 | 76 | 1200 | | .3 | | 30085 | | | 700. | 152. | 116. | | | | 1.2 |
| 13 | 10 | 76 | 1150 | | .3 | | 30098 | 8 | | 300. | 24. | 20. | | 11.5 | 10.2 | 0.8 |
| 11 | 11 | 76 | 1345 | | .3 | | 30111 | 6 | | 100. | 2. | 10. | L | 1.0 | 14.6 | 1.1 |
| 09 | 12 | 76 | 1200 | | .3 | | 30124 | | | 80. | 4. | 14. | | | | 1.0 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 700. | 152. | 440. | | 22.5 | 14.6 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 295.* | 6.* | 32.* D | | 10.5 | 11.5 | 0.9 |
| MINIMUM | | | | | | | | | | 80. | 1. | 4. | | 1.0 | 8.2 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 9 | 7 | 9 | | 6 | 6 | 10 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 03 | 76 | 1215 | | .3 | | 0.010 | 0.005 | 0.004 | 0.310 | 0.003 | 1.300 | | | | |
| 12 | 04 | 76 | 1145 | | .3 | | 0.008 | | 0.002 | 0.280 | 0.009 | 0.961 | | 2.9 | | |
| 13 | 05 | 76 | 1200 | | .3 | | 0.011 | 0.002 | 0.008 | 0.360 | 0.004 | 0.431 | 308.0 | 2.9 | | |
| 09 | 06 | 76 | 1140 | | .3 | | 0.027 | 0.004 | 0.030 | 0.450 | 0.011 | 0.309 | 347.0 | 8.0 | | |
| 07 | 07 | 76 | 1200 | | .3 | | 0.033 | 0.006 | 0.006 | 0.500 | 0.005 | 0.185 | 368.0 | 8.0 | | |
| 11 | 08 | 76 | 1145 | | .3 | | 0.023 | 0.006 | 0.030 | 0.460 | 0.004 | 0.111 | 351.0 | 6.9 | | |
| 09 | 09 | 76 | 1200 | | .3 | | 0.028 | 0.002 | 0.012 | 0.540 | 0.002 | 0.005L | 338.0 | 9.5 | | |
| 13 | 10 | 76 | 1150 | | .3 | | 0.011 | 0.002 | 0.004 | 0.320 | 0.002 | 0.253 | 341.0 | 4.5 | | |
| 11 | 11 | 76 | 1345 | | .3 | | 0.020 | 0.004 | 0.026 | 0.360 | 0.003 | 0.687 | 364.0 | 14.0 | | |
| 09 | 12 | 76 | 1200 | | .3 | | 0.011 | 0.004 | 0.036 | 0.280 | 0.004 | 1.030 | 388.0 | 6.0 | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|------|--|--|
| MAXIMUM | | | | | | | 0.033 | 0.006 | 0.036 | 0.540 | 0.011 | 1.300 | 388.0 | 14.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.018 | 0.004 | 0.016 | 0.386 | 0.005 | 0.527D | 350.6 | 7.0 | | |
| MINIMUM | | | | | | | 0.008 | 0.002 | 0.002 | 0.280 | 0.002 | 0.005 | 308.0 | 2.9 | | |
| NO OF SAMPLES | | | | | | | 10 | 9 | 10 | 10 | 10 | 10 | 8 | 9 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 03 | 76 | 1215 | | .3 | | 475 | 1.70 | 12.0 | | | | | | | |
| 12 | 04 | 76 | 1145 | | .3 | | 480 | 2.00 | | | | | | | | |
| 13 | 05 | 76 | 1200 | | .3 | | 500 | 1.90 | 11.0 | | | | | | | |
| 09 | 06 | 76 | 1140 | | .3 | | 530 | 5.80 | 14.0 | | | | | | | |
| 07 | 07 | 76 | 1200 | | .3 | | 540 | 5.20 | 13.5 | | | | | | | |
| 11 | 08 | 76 | 1145 | | .3 | | 495 | 3.90 | 18.0 | | | | | | | |
| 09 | 09 | 76 | 1200 | | .3 | | 520 | 5.60 | 20.0 | | | | | | | |
| 13 | 10 | 76 | 1150 | | .3 | | 570 | 3.00 | 19.5 | | | | | | | |
| 11 | 11 | 76 | 1345 | | .3 | | 600 | 5.40 | 20.5 | | | | | | | |
| 09 | 12 | 76 | 1200 | | .3 | | 700 | 3.50 | 23.0 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | 700 | 5.80 | 23.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 541 | 3.80 | 16.8 | | | | | | | |
| MINIMUM | | | | | | | 475 | 1.70 | 11.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 9 | | | | | | | |

STATION ID: 06-0076-013-02

STORET CODE: 02
004
4170

| | | | | | | | |
|--------|----|-----|------|---------------------------------|-----------|---------|-------|
| STN NO | 13 | LAT | LONG | U.T.M. 17 0586500.0 4835400.0 4 | REGION 03 | MILEAGE | 25.00 |
|--------|----|-----|------|---------------------------------|-----------|---------|-------|

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------------|-------------|-------------|---------------------|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 03 | 76 | 1300 | | | .3 | 30006 | 6 | | | | | | | | |
| 12 | 04 | 76 | 1115 | | | .3 | 30019 | 6 | | | | | | 3.0 | 13.6 | 0.4 |
| 13 | 05 | 76 | 1200 | | | .3 | 30032 | | | 110. | 1. | 1. | | 5.0 | 14.0 | 1.2 |
| 09 | 06 | 76 | 1100 | | | .3 | 30045 | 6 | | 200. | 1. | 24. | | | | 1.2 |
| 07 | 07 | 76 | 1200 | | | .3 | 30058 | | | 700. | | 24. | | 22.0 | 9.8 | 1.0 |
| 11 | 08 | 76 | 1105 | | | .3 | 30071 | 6 | | 410. | | 136. | | | | 0.8 |
| 09 | 09 | 76 | 1200 | | | .3 | 30084 | | | 700. | 1. | 68. | | 20.0 | 10.6 | 1.4 |
| 13 | 10 | 76 | 1110 | | | .3 | 30097 | 6 | | 150. | 32. | 16. | | | | 1.0 |
| 12 | 11 | 76 | 1000 | | | .3 | 30110 | 6 | | 200. | 12. | 12. | | 11.0 | 12.8 | 1.4 |
| 09 | 12 | 76 | 1200 | | | .3 | 30123 | | | 270. | 1. | 1. | | 0.0 | 19.6 | 1.3 |
| | | | | | | | | | | 190. | 4. | 28. | | | | 1.2 |

| | MAXIMUM |
|--------------------|---------|
| AVG OR GEOM MN (°) | MINIMUM |
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | 8 |
| 9 | 10 |
| 11 | 12 |
| 13 | 14 |
| 15 | 16 |
| 17 | 18 |
| 19 | 20 |
| 21 | 22 |
| 23 | 24 |
| 25 | 26 |
| 27 | 28 |
| 29 | 30 |
| 31 | 32 |
| 33 | 34 |
| 35 | 36 |
| 37 | 38 |
| 39 | 40 |
| 41 | 42 |
| 43 | 44 |
| 45 | 46 |
| 47 | 48 |
| 49 | 50 |
| 51 | 52 |
| 53 | 54 |
| 55 | 56 |
| 57 | 58 |
| 59 | 60 |
| 61 | 62 |
| 63 | 64 |
| 65 | 66 |
| 67 | 68 |
| 69 | 70 |
| 71 | 72 |
| 73 | 74 |
| 75 | 76 |
| 77 | 78 |
| 79 | 80 |
| 81 | 82 |
| 83 | 84 |
| 85 | 86 |
| 87 | 88 |
| 89 | 90 |
| 91 | 92 |
| 93 | 94 |
| 95 | 96 |
| 97 | 98 |
| 99 | 100 |

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P | 34 FILTERED REACTIVE | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|------------|-----------|------------|-------------|------------|---------------|----|------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| | | | FEET | | MTRS | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 | 03 | 76 | 1300 | | .3 | | 0.039 | 0.007 | 0.018 | 0.420 | 0.006 | 1.320 | | | | |
| 12 | 04 | 76 | 1115 | | .3 | | 0.018 | 0.004 | 0.002L | 0.280 | 0.004 | 0.821 | 284.0 | 5.3 | | |
| 13 | 05 | 76 | 1200 | | .3 | | 0.021 | 0.001 | 0.002L | 0.370 | 0.005 | 0.475 | 289.0 | 6.4 | | |
| 09 | 06 | 76 | 1100 | | .3 | | 0.025 | 0.003 | 0.002 | 0.430 | 0.008 | 0.342 | 300.0 | 8.4 | | |
| 07 | 07 | 76 | 1200 | | .3 | | 0.042 | 0.015 | 0.006 | 0.430 | 0.006 | 0.484 | 309.0 | 9.0 | | |
| 11 | 08 | 76 | 1105 | | .3 | | 0.025 | 0.006 | 0.010 | 0.330 | 0.004 | 0.311 | 292.0 | 1.2 | | |
| 09 | 09 | 76 | 1200 | | .3 | | 0.027 | 0.002 | 0.002 | 0.360 | 0.003 | 0.217 | 285.0 | 4.6 | | |
| 13 | 10 | 76 | 1110 | | .3 | | 0.026 | 0.013 | 0.002 | 0.310 | 0.002 | 0.483 | 291.0 | 5.1 | | |
| 12 | 11 | 76 | 1000 | | .3 | | 0.016 | 0.002 | 0.014 | 0.310 | 0.003 | 0.797 | 312.0 | 15.0 | | |
| 09 | 12 | 76 | 1200 | | .3 | | 0.030 | 0.004 | 0.002L | 0.270 | 0.004 | 1.180 | 360.0 | 11.0 | | |

| | MAXIMUM |
|----------------------|---------|
| AVG OR GEOM MN (*) | MINIMUM |

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 1300 | | | .3 | | 475 | 5.00 | 17.5 | | | | | | | |
| 12 | 04 | 76 | 1115 | | | .3 | | 455 | 3.50 | 15.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 475 | 2.50 | | | | | | | | |
| 09 | 06 | 76 | 1100 | | | .3 | | 455 | 4.20 | 16.0 | | | | | | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 460 | 4.40 | 15.5 | | | | | | | |
| 11 | 08 | 76 | 1105 | | | .3 | | 460 | 3.00 | 15.5 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 460 | 1.60 | 17.0 | | | | | | | |
| 13 | 10 | 76 | 1110 | | | .3 | | 480 | 2.00 | 15.5 | | | | | | | |
| 12 | 11 | 76 | 1000 | | | .3 | | 510 | 2.00 | 19.0 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 620 | 5.00 | 21.0 | | | | | | | |

| | MAXIMUM |
|--------------------|---------|
| AVG OR GEOM MN (°) | MINIMUM |

NO OF SAMPLES

STATION ID: 06-0076-015-02

STORET CODE: 02
004
4170

| | | | | | | | |
|--------|----|-----|------|---------------------------------|-----------|---------|-------|
| STN NO | 15 | LAT | LONG | U.T.M. 17 0577600.0 4848100.0 4 | REGION 03 | MILEAGE | 43.40 |
|--------|----|-----|------|---------------------------------|-----------|---------|-------|

| SAMP | DTE | HR | STN | STN | SAMP | | 934 | 901 | 444 | 80 | B1 | 84 | 88 | 805 | 3 | 1 | | |
|------|-----|----|------|------|------|-------|-----|--------|-----|------|-----|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PJ | SAMPLE | SCD | FLOW | CFS | TOTAL | FECAL | W.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | | | | | NO | | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 11 | 03 | 76 | 1030 | | | | | 30004 | 6 | | | | | | | | | 1.2 |
| 12 | 04 | 76 | 0920 | | | .3 | | 30017 | 6 | | | 80. | 1. | 4. | | 2.0 | 12.8 | 1.0 |
| 13 | 05 | 76 | 1200 | | | .3 | | 30030 | | | | 18000. | 1. | 12. | | 2.0 | 13.0 | 1.0 |
| 09 | 06 | 76 | 0925 | | | .3 | | 30043 | 6 | | | 500. | | 16. | | | | 0.4 |
| 07 | 07 | 76 | 1200 | | | .3 | | 30056 | | | | 200. | | 72. | | 16.5 | 8.6 | 0.4 |
| 11 | 08 | 76 | 0920 | | | .3 | | 30069 | 6 | | | 600. | 1. | 132. | | | | 0.4 |
| 09 | 09 | 76 | 1200 | | | .3 | | 30082 | | | | 20. | 8. | 440. | | 16.5 | 9.4 | 1.0 |
| 13 | 10 | 76 | 0930 | | | .3 | | 30095 | 6 | | | 190. | 4. | 12. | | | | 0.6 |
| 12 | 11 | 76 | 1121 | | | .3 | | 30108 | 6 | | | | 1. | 4. | | 9.5 | 8.2 | 1.0 |
| 10 | 12 | 76 | 0920 | | | .3 | | 30121 | 6 | | | 4600. | 2. | 10. | | 1.0 | 18.6 | 0.8 |
| | | | | | | | | | | | | | | | | 1.0 | 18.2 | 1.4 |

| | MAXIMUM |
|--------------------|---------|
| AVG OR GEOM MN (°) | MINIMUM |

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 03 | 76 | 1030 | | | .3 | | 0.010 | 0.005 | 0.042 | 0.290 | 0.008 | 1.690 | | | | |
| 12 | 04 | 76 | 0920 | | | .3 | | 0.009 | 0.002 | 0.006 | 0.260 | 0.004 | 1.340 | 282.0 | 1.5 | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 0.021 | 0.001 | 0.002 | 0.350 | 0.003 | 1.080 | 300.0 | 3.0 | | |
| 09 | 06 | 76 | 0925 | | | .3 | | 0.012 | 0.003 | 0.006 | 0.400 | 0.004 | 1.400 | 324.0 | 3.3 | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 0.021 | 0.005 | 0.002L | 0.400 | 0.004 | 1.300 | 325.0 | 5.0 | | |
| 11 | 08 | 76 | 0920 | | | .3 | | 0.019 | 0.007 | 0.004 | 0.360 | 0.003 | 1.120 | 311.0 | 2.9 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.014 | 0.003 | 0.002 | 0.280 | 0.002 | 1.400 | 302.0 | 6.3 | | |
| 13 | 10 | 76 | 0930 | | | .3 | | 0.015 | 0.010 | 0.002 | 0.270 | 0.002 | 1.400 | 287.0 | 1.4 | | |
| 12 | 11 | 76 | 1121 | | | .3 | | 0.001 | 0.001 | 0.010 | 0.190 | 0.003 | 1.350 | 310.0 | 2.0 | | |
| 10 | 12 | 76 | 0920 | | | .3 | | 0.009 | 0.003 | 0.012 | 0.220 | 0.006 | 1.090 | 337.0 | 2.5 | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-----|
| MAXIMUM | 0.021 | 0.010 | 0.042 | 0.400 | 0.008 | 1.690 | 337.0 | 6.3 |
| AVG OR GEOM MN (*) | 0.013 | 0.004 | 0.009D | 0.302 | 0.004 | 1.317 | 308.7 | 3.1 |
| MINIMUM | 0.001 | 0.001 | 0.002 | 0.190 | 0.002 | 1.080 | 282.0 | 1.4 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 03 | 76 | 1030 | | | .3 | | 475 | 1.00 | 15.5 | | | | | | | |
| 12 | 04 | 76 | 0920 | | | .3 | | 455 | 1.60 | 14.5 | | | | | | | |
| 13 | 05 | 76 | 1200 | | | .3 | | 480 | 1.00 | 15.0 | | | | | | | |
| 09 | 06 | 76 | 0925 | | | .3 | | 497 | 1.30 | 17.5 | | | | | | | |
| 07 | 07 | 76 | 1200 | | | .3 | | 490 | 1.70 | 17.0 | | | | | | | |
| 11 | 08 | 76 | 0920 | | | .3 | | 465 | 1.60 | 14.0 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 480 | 1.20 | 15.5 | | | | | | | |
| 13 | 10 | 76 | 0930 | | | .3 | | 500 | 1.00 | 14.0 | | | | | | | |
| 12 | 11 | 76 | 1121 | | | .3 | | 520 | 1.00 | 15.0 | | | | | | | |
| 10 | 12 | 76 | 0920 | | | .3 | | 530 | 2.00 | 14.5 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 530 | 2.00 | 17.5 |
| AVG OR GEOM MN (*) | 489 | 1.34 | 15.3 |
| MINIMUM | 455 | 1.00 | 14.0 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W./ SITE: FLETCHER'S CREEK
SAMPLE POINT: AT STEELS AVE. BRAMPTON
STATION TYPE: RIVER

STATION ID: 06-0076-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

STN NO 16 LAT LONG U.T.M. 17 0601450.0 4834500.0 4 REGION 03 MILEAGE 16.30

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 03 | 76 | 1110 | | | .3 | | 30011 | 6 | | 3300. | 40. | 50. | | 3.0 | 12.2 | 1.8 |
| 13 | 04 | 76 | 0750 | | | .3 | | 30024 | 6 | | 150. | 4. | 16. | | 5.5 | 13.6 | 1.2 |
| 14 | 05 | 76 | 0810 | | | .3 | | 30037 | 6 | | 2900. | 1. | 16. | 4. | 13.0 | 10.8 | 0.8 |
| 10 | 06 | 76 | 1200 | | | .3 | | 30050 | | | 5000. | 536. | 108. | | | | 2.7 |
| 08 | 07 | 76 | 1200 | | | .3 | | 30063 | | | 28000E+1 | | 720. | | | | 4.8 |
| 12 | 08 | 76 | 0815 | | | .3 | | 30076 | 6 | | 8000. | 1. | 390. | | 21.5 | 7.4 | 1.6 |
| 10 | 09 | 76 | 0820 | | | .3 | | 30089 | 6 | | 8000. | 290. | 550. | | 18.0 | 7.4 | 1.6 |
| 12 | 10 | 76 | 1000 | | | .3 | | 30102 | 8 | | 2300. | 132. | 44. | | 10.0 | 11.2 | 2.8 |
| 11 | 11 | 76 | 1115 | | | .3 | | 30115 | 6 | | 1000. | 8. | 90. | | 1.0 | 14.6 | 1.4 |
| 09 | 12 | 76 | 1200 | | | .3 | | 30128 | | | 600. | 104. | 292. | | | | 1.6 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----------|------|-------|-----|------|------|-----|
| MAXIMUM | | | | | | | | 28000E+1 | 536. | 720. | 4. | 21.5 | 14.6 | 4.8 |
| AVG OR GEOM MN (*) | | | | | | | | 3349.* | 24.* | 109.* | 4.* | 10.3 | 11.0 | 2.0 |
| MINIMUM | | | | | | | | 150. | 1. | 16. | 4. | 1.0 | 7.4 | 0.8 |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 10 | 1 | 7 | 7 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 03 | 76 | 1110 | | | .3 | | 0.076 | 0.038 | 0.186 | 0.810 | 0.028 | 3.220 | | | | |
| 13 | 04 | 76 | 0750 | | | .3 | | 0.021 | 0.001 | 0.002L | 0.440 | 0.011 | 0.499 | 533.0 | 3.4 | | |
| 14 | 05 | 76 | 0810 | | | .3 | | 0.080 | 0.004 | 0.028 | 0.820 | 0.020 | 0.635 | 483.0 | 24.0 | | |
| 10 | 06 | 76 | 1200 | | | .3 | | 0.047 | 0.009 | 0.020 | 0.600 | 0.003 | 0.005L | 430.0 | 10.5 | | |
| 08 | 07 | 76 | 1200 | | | .3 | | 0.185 | 0.019 | 0.089 | 1.050 | 0.085 | 1.920 | 384.0 | 46.0 | | |
| 12 | 08 | 76 | 0815 | | | .3 | | 0.080 | 0.003 | 0.046 | 0.820 | 0.007 | 0.063 | 412.0 | 32.0 | | |
| 10 | 09 | 76 | 0820 | | | .3 | | 0.182 | 0.003 | 0.030 | 1.080 | 0.003 | 0.012 | 444.0 | 31.0 | | |
| 12 | 10 | 76 | 1000 | | | .3 | | 0.100 | 0.009 | 0.002 | 0.870 | 0.006 | 0.140 | 481.0 | 24.0 | | |
| 11 | 11 | 76 | 1115 | | | .3 | | 0.019 | 0.003 | 0.008 | 0.430 | 0.004 | 0.276 | 530.0 | 3.5 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.042 | 0.010 | 0.540 | 1.150 | 0.018 | 1.080 | 710.0 | 13.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|-------|------|
| MAXIMUM | 0.185 | 0.038 | 0.540 | 1.150 | 0.085 | 3.220 | 710.0 | 46.0 |
| AVG OR GEOM MN (*) | 0.083 | 0.010 | 0.095D | 0.807 | 0.019 | 0.785D | 489.7 | 20.8 |
| MINIMUM | 0.019 | 0.001 | 0.002 | 0.430 | 0.003 | 0.005 | 384.0 | 3.4 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 1110 | | | | .3 | 680 | 6.00 | 80.0 | | | | | | | |
| 13 | 04 | 76 | 0750 | | | | .3 | 800 | 4.30 | 94.0 | | | | | | | |
| 14 | 05 | 76 | 0810 | | | | .3 | 700 | 16.00 | 65.0 | | | | | | | |
| 10 | 06 | 76 | 1200 | | | | .3 | 700 | 6.00 | | | | | | | | |
| 08 | 07 | 76 | 1200 | | | | .3 | 430 | 30.00 | 40.0 | | | | | | | |
| 12 | 08 | 76 | 0815 | | | | .3 | 485 | 7.40 | 63.0 | | | | | | | |
| 10 | 09 | 76 | 0820 | | | | .3 | 620 | 20.00 | 75.0 | | | | | | | |
| 12 | 10 | 76 | 1000 | | | | .3 | 760 | 20.00 | 103.0 | | | | | | | |
| 11 | 11 | 76 | 1115 | | | | .3 | 860 | 4.20 | 103.0 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | | .3 | 1250 | 8.40 | 150.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1250 | 30.00 | 150.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 729 | 12.23 | 85.9 | | | | | | | |
| MINIMUM | | | | | | | | 430 | 4.20 | 40.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 9 | | | | | | | |

B.O.W. / SITE: CREDIT RIVER

SAMPLE POINT: AT DERRY ROAD WEST OF HIGHWAY NO 10
STATION TYPE: RIVER

STATION ID: 06-0076-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

| STN NO | 17 | LAT | LONG | U.T.M. 17 0602200.0 4830500.0 4 | REGION 03 | MILEAGE | 13.40 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1045 | | | | .3 | 30000 | | | 250. | 12. | 4. | | | 13.0 | 4.2 |
| 10 | 03 | 76 | 0940 | | | | .3 | 30012 | 6 | | 400. | 10. | 10. | | 2.0 | 13.0 | 1.4 |
| 13 | 04 | 76 | 0820 | | | | .3 | 30025 | 6 | | 90. | 1. | 1. | | 5.5 | 13.0 | 1.0 |
| 14 | 05 | 76 | 0835 | | | | .3 | 30038 | 6 | | 400. | 4. | 24. | 6. | 11.5 | 11.0 | 2.6 |
| 10 | 06 | 76 | 1200 | | | | .3 | 30051 | | | 400. | 12. | 1. | | | | 3.4 |
| 08 | 07 | 76 | 1200 | | | | .3 | 30064 | | | 13600. | | 600. | | | | 1.6 |
| 12 | 08 | 76 | 0850 | | | | .3 | 30077 | 6 | | 300. | 1. | 120. | | 21.0 | 7.8 | 1.2 |
| 10 | 09 | 76 | 0855 | | | | .3 | 30090 | 6 | | 1100. | 260. | 110. | | 18.5 | 7.6 | 1.6 |
| 12 | 10 | 76 | 1045 | | | | .3 | 30103 | 6 | | 100. | 10. | 10. | | 9.5 | 11.8 | 1.4 |
| 11 | 11 | 76 | 1005 | | | | .3 | 30116 | 6 | | 100. | 1. | 10. | | 0.0 | 14.8 | 2.5 |
| 09 | 12 | 76 | 1200 | | | | .3 | 30129 | | | 200. | 10. | 20. | | | | |
| MAXIMUM | | | | | | | | | | | 13600. | 260. | 600. | 6. | 21.0 | 14.8 | 4.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 359.* | 7.* D | 16.* D | 6.* | 9.7 | 11.3 | 2.1 |
| MINIMUM | | | | | | | | | | | 90. | 1. | 1. | 6. | 0.0 | 7.6 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 10 | 11 | 1 | 7 | 7 | 10 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 | 01 | 76 | 1045 | | | | .3 | 0.160 | 0.080 | 0.650 | 1.900 | 0.024 | 1.600 | 424.0 | 9.0 | | |
| 10 | 03 | 76 | 0940 | | | | .3 | | | | | | | | 6.5 | | |
| 13 | 04 | 76 | 0820 | | | | .3 | | | | | | | | 13.0 | | |
| 14 | 05 | 76 | 0835 | | | | .3 | 0.048 | 0.013 | 0.040 | 0.560 | 0.021 | 0.704 | 329.0 | 5.0 | | |
| 10 | 06 | 76 | 1200 | | | | .3 | 0.112 | 0.080 | 0.044 | 0.610 | 0.080 | 0.620 | 285.0 | 5.0 | | |
| 08 | 07 | 76 | 1200 | | | | .3 | 0.315 | 0.087 | 0.045 | 0.650 | 0.054 | 0.966 | 508.0 | 138.0 | | |
| 12 | 08 | 76 | 0850 | | | | .3 | 0.030 | 0.008 | 0.018 | 0.530 | 0.027 | 0.493 | 318.0 | 6.6 | | |
| 10 | 09 | 76 | 0855 | | | | .3 | 0.055 | 0.017 | 0.012 | 0.540 | 0.046 | 0.559 | 334.0 | 15.0 | | |
| 12 | 10 | 76 | 1045 | | | | .3 | 0.076 | 0.046 | 0.058 | 0.460 | 0.029 | 0.720 | 329.0 | 5.3 | | |
| 11 | 11 | 76 | 1005 | | | | .3 | 0.028 | 0.014 | 0.204 | 0.540 | 0.017 | 1.060 | 357.0 | 9.7 | | |
| 09 | 12 | 76 | 1200 | | | | .3 | 0.113 | 0.057 | 0.410 | 0.840 | 0.019 | 1.630 | 468.0 | 59.0 | | |
| MAXIMUM | | | | | | | | 0.315 | 0.087 | 0.650 | 1.900 | 0.080 | 1.630 | 508.0 | 138.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.104 | 0.045 | 0.165 | 0.737 | 0.035 | 0.928 | 372.4 | 26.7 | | |
| MINIMUM | | | | | | | | 0.028 | 0.008 | 0.012 | 0.460 | 0.017 | 0.493 | 285.0 | 5.0 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 | 01 | 76 | 1045 | | | | .3 | 680 | 4.20 | | | | | | | | |
| 13 | 04 | 76 | 0820 | | | | .3 | 520 | | 25.0 | | | | | | | |
| 14 | 05 | 76 | 0835 | | | | .3 | 550 | 4.00 | 30.5 | | | | | | | |
| 10 | 06 | 76 | 1200 | | | | .3 | 520 | 2.30 | 32.0 | | | | | | | |
| 08 | 07 | 76 | 1200 | | | | .3 | 520 | 65.00 | 29.0 | | | | | | | |
| 12 | 08 | 76 | 0850 | | | | .3 | 500 | 3.10 | 32.0 | | | | | | | |
| 10 | 09 | 76 | 0855 | | | | .3 | 520 | 4.60 | 33.0 | | | | | | | |
| 12 | 10 | 76 | 1045 | | | | .3 | 560 | 3.20 | 37.5 | | | | | | | |
| 11 | 11 | 76 | 1005 | | | | .3 | 600 | 3.20 | 41.5 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | | .3 | 740 | 22.00 | | | | | | | | |
| MAXIMUM | | | | | | | | 740 | 65.00 | 41.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 571 | 12.40 | 32.6 | | | | | | | |
| MINIMUM | | | | | | | | 500 | 2.30 | 25.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 8 | | | | | | | |

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: AT 20 SIDE ROAD CALEDON TOWNSHIP
STATION TYPE: RIVER

STATION ID: 06-C076-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

| STN NO | | 18 | LAT | | LONG | | U.T.M. 17 0576400.0 4856150.0 4 | | | | REGION 03 | | MILEAGE | | 46.80 | | |
|---------|--------|----|----------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 11 | 03 | 76 | 0930 | | | .3 | | 30003 | 6 | | | | | | 2.0 | 12.2 | 1.0 |
| 12 | 04 | 76 | 0840 | | | .3 | | 30016 | 6 | | 1300. | 8. | 4. | | 2.0 | 12.8 | 1.4 |
| 13 | 05 | 76 | 1200 | | | .3 | | 30029 | | | 600. | 40. | 4. | | | | 1.0 |
| 09 | 06 | 76 | 0845 | | | .3 | | 30042 | 6 | | 700. | | 52. | | 19.0 | 8.2 | 1.0 |
| 07 | 07 | 76 | 1200 | | | .3 | | 30055 | | | 210. | | 140. | | | | 1.0 |
| 11 | 08 | 76 | 0840 | | | .3 | | 30068 | 6 | | 700. | 1. | 292. | | 18.0 | 7.8 | 0.8 |
| 09 | 09 | 76 | 1200 | | | .3 | | 30081 | | | 400. | 224. | 560. | | | | 0.6 |
| 13 | 10 | 76 | 0850 | | | .3 | | 30094 | 6 | | 300. | 20. | 1. | | 10.5 | 7.6 | 1.2 |
| 12 | 11 | 76 | 1205 | | | .3 | | 30107 | 6 | | | 4. | 4. | | 1.0 | 16.8 | 1.0 |
| 10 | 12 | 76 | 1005 | | | .3 | | 30120 | 6 | | 80. | 8. | 6. | | 1.0 | 15.6 | 1.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1300.
408.*
80.

224.
12.*
1.

560.
20.*
1.

19.0
7.6
1.0

16.8
11.5
7.6

1.6
1.1
0.6

NO OF SAMPLES

8 7 9 7 7 10

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 11 | 03 | 76 | 0930 | | .3 | | 0.062 | 0.038 | 0.146 | 0.550 | 0.010 | 1.520 | | | | |
| 12 | 04 | 76 | 0840 | | .3 | | 0.067 | 0.041 | 0.012 | 0.380 | 0.006 | 0.859 | 280.0 | 5.9 | | |
| 13 | 05 | 76 | 1200 | | .3 | | 0.058 | 0.023 | 0.006 | 0.500 | 0.006 | 0.604 | 284.0 | 3.9 | | |
| 09 | 06 | 76 | 0845 | | .3 | | 0.087 | 0.052 | 0.002 | 0.540 | 0.010 | 0.470 | 314.0 | 9.5 | | |
| 07 | 07 | 76 | 1200 | | .3 | | 0.165 | 0.120 | 0.004 | 0.520 | 0.011 | 0.464 | 347.0 | 7.0 | | |
| 11 | 08 | 76 | 0840 | | .3 | | 0.117 | 0.082 | 0.002 | 0.530 | 0.005 | 0.405 | 284.0 | 4.0 | | |
| 09 | 09 | 76 | 1200 | | .3 | | 0.114 | 0.089 | 0.006 | 0.450 | 0.003 | 0.327 | 296.0 | 3.6 | | |
| 13 | 10 | 76 | 0850 | | .3 | | 0.042 | 0.032 | 0.002 | 0.380 | 0.004 | 0.761 | 289.0 | 2.6 | | |
| 12 | 11 | 76 | 1205 | | .3 | | 0.044 | 0.029 | 0.008 | 0.400 | 0.005 | 0.895 | 314.0 | 2.1 | | |
| 10 | 12 | 76 | 1005 | | .3 | | 0.054 | 0.039 | 0.374 | 0.750 | 0.010 | 1.190 | 348.0 | 2.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.165
0.081
0.042

0.120
0.055
0.023

0.374
0.056
0.002

0.750
0.500
0.380

0.011
0.007
0.003

1.520
0.750
0.327

348.0
306.2
280.0

9.5
4.6
2.1

NO OF SAMPLES

10 10 10 10 10 9 9

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 11 | 03 | 76 | 0930 | | .3 | | 510 | 1.80 | 25.0 | | | | | | | |
| 12 | 04 | 76 | 0840 | | .3 | | 440 | 1.80 | 18.0 | | | | | | | |
| 13 | 05 | 76 | 1200 | | .3 | | 465 | 1.30 | 16.5 | | | | | | | |
| 09 | 06 | 76 | 0845 | | .3 | | 484 | 2.20 | 21.0 | | | | | | | |
| 07 | 07 | 76 | 1200 | | .3 | | 470 | 2.90 | 18.0 | | | | | | | |
| 11 | 08 | 76 | 0840 | | .3 | | 440 | 1.90 | 16.5 | | | | | | | |
| 09 | 09 | 76 | 1200 | | .3 | | 480 | 1.40 | 21.5 | | | | | | | |
| 13 | 10 | 76 | 0850 | | .3 | | 500 | 1.50 | 18.5 | | | | | | | |
| 12 | 11 | 76 | 1205 | | .3 | | 520 | 1.20 | 23.5 | | | | | | | |
| 10 | 12 | 76 | 1005 | | .3 | | 550 | 1.50 | 24.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

550
486
440

2.90
1.75
1.20

25.0
20.3
16.5

NO OF SAMPLES

10 10 10

B.O.W./ SITE: CREDIT RIVER
SAMPLE POINT: AT THE SOUTHERN DAM OF ORANGEVILLE RESERVOIR
STATION TYPE: RIVER

STATION ID: 06-0076-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

| STN NO | 19 | LAT | LONG | U.T.M. 17 0573500.0 4863975.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 54.60 |
|--------------------|-----------|----------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 10 | 76 | 1245 | | .3 | | 27530 | 8 5 | | 20. | 10. L | 10. L | | 5.5 | 13.6 | 1.6 |
| 08 | 11 | 76 | 1250 | | .3 | | 27587 | 6 | | 6000. | 80. | 250. | | 4.5 | 12.7 | 1.9 |
| 06 | 12 | 76 | 1520 | | .3 | | 27641 | 6 | | 36. | 2. L | 2. | | 2.0 | 14.4 | 1.0 |
| | | | | | | | | | | 6000. | 80. | 250. | | 5.5 | 14.4 | 1.9 |
| AVG OR GEOM MN (*) | | | | | | | | | | 163.* | 12.* D | 17.* D | | 4.0 | 13.6 | 1.5 |
| MINIMUM | | | | | | | | | | 20. | 2. | 2. | | 2.0 | 12.7 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 3 | 3 | 3 | | 3 | 3 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

6000.
183.*
20.

80.
12.* D
2.

250.
17.* D
2.

5.5
4.0
2.0

14.4
13.6
12.7

1.9
1.5
1.0

NO OF SAMPLES

3 3 3 3 3 3

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 10 | 76 | 1245 | | | .3 | | 0.027 | 0.002 | 0.028 | 0.490 | 0.002 | 0.288 | 223.0 | 5.3 | | |
| 08 | 11 | 76 | 1250 | | | .3 | | 0.073 | 0.025 | 0.510 | 0.900 | 0.036 | 1.010 | 869.0 | 5.2 | | |
| 06 | 12 | 76 | 1520 | | | .3 | | 0.040 | 0.005 | 0.056 | 0.690 | 0.004 | 0.161 | 260.0 | 2.6 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|-----|--|--|
| MAXIMUM | | | | | | | | 0.073 | 0.025 | 0.510 | 0.900 | 0.036 | 1.010 | 869.0 | 5.3 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.047 | 0.011 | 0.198 | 0.693 | 0.014 | 0.486 | 450.7 | 4.4 | | |
| MINIMUM | | | | | | | | 0.027 | 0.002 | 0.028 | 0.490 | 0.002 | 0.161 | 223.0 | 2.6 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 10 | 76 | 1245 | | | .3 | | 335 | 2.40 | 10.5 | | | | | | 8.13 | |
| 08 | 11 | 76 | 1250 | | | .3 | | 1280 | 5.60 | 265.0 | | | | | | 8.40 | |
| 06 | 12 | 76 | 1520 | | | .3 | | 395 | 2.50 | 12.0 | | | | | | 8.10 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|-------|--|--|--|--|---|------|--|
| MAXIMUM | | | | | | | | 1280 | 5.60 | 265.0 | | | | | | 8.40 | |
| AVG OR GEOM MN (*) | | | | | | | | 670 | 3.50 | 95.8 | | | | | | 8.21 | |
| MINIMUM | | | | | | | | 335 | 2.40 | 10.5 | | | | | | 8.10 | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | 3 | | |

B.O.W. / SITE: CREDIT RIVER
SAMPLE POINT: SOUTH OF HIGHWAY NO 136 BELOW ORANGEVILLE S T P
STATION TYPE: RIVER

STATION ID: 06-0076-020-02
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CREDIT RIVER

STORET CODE: 02
004
4170

| STN NO | 20 | LAT | LONG | U.T.M. | 17 0573550.0 4862750.0 4 | REGION 03 | MILEAGE | 53.50 |
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 605 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 10 | 76 | 1140 | | | .3 | | 27529 | 8 | | 230. | 10. L | 40. L | | 6.0 | 8.0 | 1.6 |
| 08 | 11 | 76 | 1320 | | | .3 | | 27586 | 6 8 | | 1000. | 100. L | 100. L | | 5.0 | 11.4 | 1.8 |
| 06 | 12 | 76 | 1500 | | | .3 | | 27640 | 8 8 | | 50. | 4. L | 4. L | | 8.0 | 11.8 | 1.8 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|--|-----|------|-----|
| MAXIMUM | | | | | | | | | | | 1000. | 100. | 100. | | 8.0 | 11.8 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 226.* | 16.* D | 25.* D | | 6.3 | 10.4 | 1.7 |
| MINIMUM | | | | | | | | | | | 50. | 4. | 4. | | 5.0 | 8.0 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 10 | 76 | 1140 | | | .3 | | 0.320 | 0.220 | 0.042 | 0.540 | 0.004 | 5.910 | 525.0 | 15.0 | | |
| 08 | 11 | 76 | 1320 | | | .3 | | 0.324 | 0.160 | 4.900 | 6.100 | 0.120 | 1.080 | 585.0 | 85.0 | | |
| 06 | 12 | 76 | 1500 | | | .3 | | 1.080 | 0.900 | 9.600 | 14.300 | 0.200 | 10.000 | 796.0 | 7.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|--------|-------|--------|-------|------|--|--|
| MAXIMUM | | | | | | | | 1.080 | 0.900 | 9.600 | 14.300 | 0.200 | 10.000 | 796.0 | 85.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.575 | 0.427 | 4.847 | 6.980 | 0.108 | 5.663 | 635.3 | 35.7 | | |
| MINIMUM | | | | | | | | 0.320 | 0.160 | 0.042 | 0.540 | 0.004 | 1.080 | 525.0 | 7.0 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 10 | 76 | 1140 | | | .3 | | 840 | 4.40 | 113.0 | | | | | | 7.83 | |
| 08 | 11 | 76 | 1320 | | | .3 | | 830 | 80.00 | 118.0 | | | | | | 7.98 | |
| 06 | 12 | 76 | 1500 | | | .3 | | 1360 | 3.50 | 205.0 | | | | | | 7.80 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|-------|-------|--|--|--|--|---|------|--|
| MAXIMUM | | | | | | | | 1360 | 80.00 | 205.0 | | | | | | 7.98 | |
| AVG OR GEOM MN (*) | | | | | | | | 1010 | 29.30 | 145.3 | | | | | | 7.87 | |
| MINIMUM | | | | | | | | 830 | 3.50 | 113.0 | | | | | | 7.80 | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | 3 | | |

B.O.W. / SITE: ETOBICOKE CREEK
 SAMPLE POINT: HIGHWAY 2 LONG BRANCH
 STATION TYPE: RIVER FLOW GAUGE FED 02HC002

STATION ID: 06-0080-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
 004
 4110

| STN NO | 1 | LAT | LONG | U.T.M. 17 0617340.0 4827025.0 4 | REGION 03 | MILEAGE | 0.30 | | | | | | | | | |
|------------|-----------|------------|---------------------|---------------------------------|-----------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 14 | 01 | 76 | 1220 | | .3 | | 30514 | 4 | 20.00 | 3200. | 550. | 130. | | 0.0 | 5.0 | 3.4 |
| 17 | 02 | 76 | 1210 | | .3 | | 30533 | 6 | 540.00 | 5600. | 500. | 1160. | | 1.0 | 13.0 | 5.0 |
| 16 | 03 | 76 | 1155 | | .3 | | 30552 | 6 | 106.00 | | | | | 0.0 | 11.5 | 2.0 |
| 12 | 04 | 76 | 1315 | | .3 | | 30571 | 6 | 19.30 | 1300. | 10. | 10. | | 7.0 | 7.0 | 0.8 |
| 11 | 05 | 76 | 1155 | | .3 | | 30590 | 6 | 118.00 | 5000. | 930. | 610. | 72. | 12.0 | 12.0 | 4.8 |
| 12 | 05 | 76 | 1350 | | .3 | | 27225 | 6 | 95.30 | 9200. | 600. | 1200. | | 13.0 | 8.8 | 2.8 |
| 15 | 06 | 76 | 1420 | | .3 | | 30609 | 6 | 18.00 | 2600. | 80. | 100. | | 27.0 | 10.5 | 1.8 |
| 24 | 06 | 76 | 1840 | | .3 | | 27323 | 6 9 | 14.30 | 11000. | 300. | 700. | | 23.2 | 9.0 | 2.8 |
| 16 | 07 | 76 | 1630 | | .3 | | 30628 | 6 | | | | | | 24.5 | 8.8 | 1.4 |
| 23 | 07 | 76 | 1400 | | .3 | | 27354 | 6 | 10.90 | 7000. | | 90. | | 20.2 | 10.0 | 2.1 |
| 17 | 08 | 76 | 1645 | | .3 | | 30647 | 6 8 | 9.50 | 380. | 1. | 28. | | 24.9 | 11.4 | 1.0 |
| 20 | 08 | 76 | 1130 | | .3 | | 27411 | 8 5 | 8.70 | 700. | | 300. | | 24.0 | 17.0 | 1.0 |
| 10 | 09 | 76 | 1115 | | .3 | | 27463 | 6 | 62.40 | 15000. | G 6000. | 12000. | | 17.2 | 10.6 | 5.8 |
| 15 | 09 | 76 | 1429 | | .3 | | 30666 | 6 | 7.30 | 900. | 84. | 52. | | 21.1 | 14.2 | 1.0 |
| 14 | 10 | 76 | 1458 | | .3 | | 30685 | | | 1700. | 56. | 44. | | 11.5 | 13.9 | 2.7 |
| 19 | 10 | 76 | 1130 | | .3 | | 27526 | 6 | 13.40 | 3000. | 200. | 300. | | 6.0 | 9.8 | 1.6 |
| 08 | 11 | 76 | 0935 | | .3 | | 27583 | 6 | 10.60 | 3000. | 100. | 100. | L | 9.0 | 9.5 | 1.1 |
| 15 | 11 | 76 | 1433 | | .3 | | 30704 | 6 | 10.60 | 1100. | 56. | 64. | | 2.5 | 15.5 | 2.0 |
| 06 | 12 | 76 | 1230 | | .3 | | 27638 | 4 | 11.00 | 9100. | 130. | 60. | | 1.0 | 14.2 | 1.6 |
| 16 | 12 | 76 | 1528 | | .3 | | 30723 | | 10.70 | 11000. | 1000. | L 1000. | | 1.0 | | 3.2 |

| | | | | | | | | |
|--------------------|--------|-----------|----------|----------|-------|------|------|-----|
| MAXIMUM | 540.00 | 15000. | 6000. | 12000. | 72. | 27.0 | 17.0 | 5.8 |
| AVG OR GEOM MN (*) | 60.33 | 3208. * U | 158. * D | 196. * D | 72. * | 12.3 | 11.1 | 2.4 |
| MINIMUM | 7.30 | 380. | 1. | 10. | 72. | 0.0 | 5.0 | 0.8 |

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 14 01 76 1220 | | | .3 | | 0.070 | 0.029 | 0.230 | 0.620 | 0.058 | 1.300 | 2848.0 | 7.0 | | |
| 17 02 76 1210 | | | .3 | | 0.425 | 0.055 | 0.310 | 1.870 | 0.046 | 3.500 | 582.0 | 210.0 | | |
| 16 03 76 1155 | | | .3 | | 0.090 | 0.035 | 0.162 | 0.680 | 0.024 | 2.430 | | | | |
| 12 04 76 1315 | | | .3 | | 0.064 | 0.018 | 0.022 | 0.580 | 0.014 | 0.721 | | | | |
| 11 05 76 1155 | | | .3 | | 0.143 | 0.071 | 0.150 | 0.950 | 0.046 | 1.330 | | | | |
| 12 05 76 1350 | | | .3 | | 0.155 | 0.130 | 0.260 | 0.550 | 0.047 | 0.848 | 609.0 | 88.0 | 521 | |
| 15 06 76 1420 | | | .3 | | 0.288 | 0.200 | 0.002 | 0.600 | 0.035 | 0.925 | | | | |
| 24 06 76 1840 | | | .3 | | 0.390 | 0.320 | 0.015 | 0.470 | 0.006 | 0.344 | 654.0 | 3.3 | 651 | |
| 16 07 76 1630 | | | .3 | | 0.154 | 0.059 | 0.032 | 0.680 | 0.044 | 0.651 | 448.0 | 48.0 | | |
| 23 07 76 1400 | | | .3 | | 0.192 | 0.088 | 0.006 | 0.820 | 0.004 | 0.181 | 482.0 | 47.0 | 435 | |
| 17 08 76 1645 | | | .3 | | 0.082 | 0.059 | 0.013 | 0.320 | 0.002 | 0.008 | 480. | 2.8 | | |
| 20 08 76 1130 | | | .3 | | 0.352 | 0.240 | 0.016 | 0.460 | 0.003 | 0.007 | 626.0 | 8.6 | 617 | |
| 10 09 76 1115 | | | .3 | | 0.260 | 0.060 | 0.030 | 1.100 | 0.040 | 0.700 | 389.0 | 112.0 | 277 | |
| 15 09 76 1429 | | | .3 | | 0.470 | 0.460 | 0.010 | 0.400 | 0.002 | 0.005L | 563.0 | 3.2 | | |
| 14 10 76 1458 | | | .3 | | 0.275 | 0.260 | 0.002L | 0.650 | 0.002 | 0.005L | | | | |
| 19 10 76 1130 | | | .3 | | 0.405 | 0.310 | 0.004 | 0.350 | 0.004 | 0.066 | 621.0 | 2.9 | 618 | |
| 08 11 76 0935 | | | .3 | | 0.053 | 0.027 | 0.008 | 0.350 | 0.004 | 0.131 | 645.0 | 8.3 | 637 | |
| 15 11 76 1433 | | | .3 | | 0.292 | 0.250 | 0.006 | 0.400 | 0.009 | 0.201 | | | | |
| 06 12 76 1230 | | | .3 | | 0.134 | 0.026 | 0.060 | 0.480 | 0.024 | 0.536 | 1949.0 | 71.0 | 1878 | |
| 16 12 76 1528 | | | .3 | | 0.442 | 0.320 | 0.126 | 0.690 | 0.017 | 0.523 | | | | |

| | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|--------|-------|------|
| MAXIMUM | 0.470 | 0.460 | 0.310 | 1.870 | 0.058 | 3.500 | 2848.0 | 210.0 | 1878 |
| AVG OR GEOM MN (*) | 0.237 | 0.151 | 0.073D | 0.651 | 0.022 | 0.721D | 838.2 | 47.1 | 704 |
| MINIMUM | 0.053 | 0.018 | 0.002 | 0.320 | 0.002 | 0.005 | 389.0 | 2.8 | 277 |

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 14 01 76 1220 | | | .3 | | 4800 | 4.80 | 1250.0 | | | | | | | |
| 17 02 76 1210 | | | .3 | | 560 | 120.00 | 7.2 | | | | | | | |
| 16 03 76 1155 | | | .3 | | 970 | 25.00 | 163.0 | | | | | | | |
| 12 04 76 1315 | | | .3 | | 1050 | 3.60 | 160.0 | | | | | | | |
| 11 05 76 1155 | | | .3 | | 700 | 22.00 | 84.0 | | | | | | | |
| 12 05 76 1350 | | | .3 | | 800 | 90.00 | 113.0 | 72.0 | 2.30 | | | 8.28 | | 5.400 |
| 15 06 76 1420 | | | .3 | | 760 | 15.00 | 98.0 | | | | | 8.85 | | 0.210 |
| 24 06 76 1840 | | | .3 | | 920 | 1.70 | 150.0 | 115.0 | 0.45 | | | 8.30 | | 0.600 |
| 16 07 76 1630 | | | .3 | | 600 | 24.00 | 75.0 | | | | | 8.84 | | 0.180 |
| 23 07 76 1400 | | | .3 | | 760 | 12.00 | 24.0 | 90.0 | 0.70 | | | 7.87 | | 5.750 |
| 17 08 76 1645 | | | .3 | | 715 | 2.7 | 105.0 | | | | | | | |
| 20 08 76 1130 | | | .3 | | 850 | 2.90 | 140.0 | 135.0 | 0.25 | | | | | |
| 10 09 76 1115 | | | .3 | | 460 | 100.00 | 55.0 | 55.0 | 0.90 | | | | | |
| 15 09 76 1429 | | | .3 | | 840 | 3.00 | 115.0 | | | | | | | |
| 14 10 76 1458 | | | .3 | | 910 | 4.50 | 113.0 | | | | | | | |
| 19 10 76 1130 | | | .3 | | 940 | 9.00 | 122.0 | 115.0 | 0.60 | | | 8.28 | | 0.250 |
| 08 11 76 0935 | | | .3 | | 980 | 22.00 | 130.0 | 135.0 | 0.10 | | | 8.29 | | 0.490 |
| 15 11 76 1433 | | | .3 | | 1000 | 10.00 | 118.0 | | | | | | | |
| 06 12 76 1230 | | | .3 | | 3250 | 60.00 | 825.0 | 189.0 | 0.55 | | | 8.10 | | 5.000 |
| 16 12 76 1528 | | | .3 | | 1950 | 68.00 | 420.0 | | | | | | | |

| | | | | | | | | | | | | | | |
|--------------------|------|--------|--------|-------|------|--|--|--|--|--|--|------|--|-------|
| MAXIMUM | 4800 | 120.00 | 1250.0 | 169.0 | 2.30 | | | | | | | 8.85 | | 5.750 |
| AVG OR GEOM MN (*) | 1191 | 30.01 | 213.4 | 110.8 | 0.73 | | | | | | | 8.35 | | 2.235 |
| MINIMUM | 460 | 1.70 | 7.2 | 55.0 | 0.10 | | | | | | | 7.87 | | 0.180 |

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 14 | 01 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 17 | 02 | 76 | 1210 | | | .3 | | | | | | | | | | | |
| 16 | 03 | 76 | 1155 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1315 | | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1155 | | | .3 | | | | | | | | | | | |
| 12 | 05 | 76 | 1350 | | | .3 | | 3.0 | | | | | | | 10 | 35 | 0 |
| 15 | 06 | 76 | 1420 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1840 | | | .3 | | 1.0L | | | | | | | 6 | 28 | |
| 16 | 07 | 76 | 1630 | | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | 10 | 37 | |
| 17 | 08 | 76 | 1645 | | | .3 | | | | | | | | | | | |
| 20 | 08 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | 9 | 22 | |
| 10 | 09 | 76 | 1115 | | | .3 | | 2.0 | | | | | | | 10 | 23 | 0 |
| 15 | 09 | 76 | 1429 | | | .3 | | | | | | | | | | | |
| 14 | 10 | 76 | 1458 | | | .3 | | | | | | | | | | | |
| 19 | 10 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 11 | 76 | 0935 | | | .3 | | 1.0L | | | | | | | 13 | 14 | |
| 15 | 11 | 76 | 1433 | | | .3 | | | | | | | | | 9 | 19 | |
| 06 | 12 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | 8 | 78 | 0 |
| 16 | 12 | 76 | 1528 | | | .3 | | | | | | | | | | | |

| | | | | | | |
|--------------------|------|--|--|----|----|---|
| MAXIMUM | 3.0 | | | 13 | 78 | 0 |
| AVG OR GEOM MN (*) | 1.40 | | | 9 | 32 | 0 |
| MINIMUM | 1.0 | | | 6 | 14 | 0 |
| NO OF SAMPLES | 8 | | | 8 | 8 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 05 | 76 | 1350 | | | .3 | | 0.002 | 0.020L | | 0.040 | 0.060 | 0.030 | 0.010L | 0.080 | | 0.060 |
| 10 | 09 | 76 | 1115 | | | .3 | | 0.003 | 0.030 | | 0.010 | 0.010 | 0.030 | 0.010L | 0.060 | | 0.010L |
| 06 | 12 | 76 | 1230 | | | .3 | | 0.002 | 0.030L | | 0.040 | 0.020 | 0.020 | 0.005L | 0.090 | | 0.010 |
| MAXIMUM | | | | | | | | 0.003 | 0.030 | | 0.040 | 0.060 | 0.030 | 0.010 | 0.090 | | 0.060 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002 | 0.027D | | 0.030 | 0.030 | 0.027 | 0.008D | 0.077 | | 0.027D |
| MINIMUM | | | | | | | | 0.002 | 0.020 | | 0.010 | 0.010 | 0.020 | 0.005 | 0.060 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: ETOBICOKE CREEK WEST
SAMPLE POINT: DERRY ROAD EAST MISSISSAUGA
STATION TYPE: RIVER

STATION ID: 06-0080-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

| | | | | | | | | | | | | |
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|------|-----|---------|-------|
| STN NO | 2 | LAT | LONG | U.T.M. 17 | 0606925.0 | 4836550.0 | 4 | REGION 03 | DIST | 001 | MILEAGE | 12.70 |
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|------|-----|---------|-------|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 02 | 76 | 1055 | | | .3 | | 30531 | 6 | | 4700. | 720. | 1160. | | 0.0 | 12.0 | 4.4 |
| 16 | 03 | 76 | 1125 | | | .3 | | 30550 | 6 | | | | | | 0.0 | 12.0 | 1.2 |
| 12 | 04 | 76 | 1245 | | | .3 | | 30569 | 6 | | 20. | 10. L | 10. L | | 7.0 | 12.0 | 1.0 |
| 11 | 05 | 76 | 1125 | | | .3 | | 30588 | 6 | | 6400. | 620. | 240. | 26. | 12.0 | 5.0 | 1.8 |
| 15 | 06 | 76 | 1345 | | | .3 | | 30607 | 6 8 | | 2000. | 8. | 36. | | 28.0 | 11.6 | 1.2 |
| 16 | 07 | 76 | 1520 | | | .3 | | 30626 | 6 | | | | | | 25.5 | 10.8 | 0.8 |
| 17 | 08 | 76 | 1601 | | | .3 | | 30645 | 6 8 | | 100. | 1. | 48. | | 25.0 | 11.9 | 0.8 |
| 15 | 09 | 76 | 1325 | | | .3 | | 30664 | 8 6 | | 300. | 52. | 36. | | 22.2 | 12.4 | 0.6 |
| 14 | 10 | 76 | 1426 | | | .3 | | 30683 | 6 8 | | 190. | 12. | 12. | | 11.1 | 14.0 | 2.0 |
| 15 | 11 | 76 | 1402 | | | .3 | | 30702 | 6 | | 40. | 12. | 8. | | 1.9 | 15.1 | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|---|------|------|-----|
| MAXIMUM | | | | | | | | | | | 6400. | 720. | 1160. | | 28.0 | 15.1 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 359.* | 27.* D | 45.* D | | 13.3 | 11.7 | 1.5 |
| MINIMUM | | | | | | | | | | | 20. | 1. | 8. | | 0.0 | 5.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 8 | 8 | 1 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 02 | 76 | 1055 | | | .3 | | 0.325 | 0.075 | 0.380 | 1.860 | 0.044 | 4.060 | 446.0 | 136.0 | | |
| 16 | 03 | 76 | 1125 | | | .3 | | 0.096 | 0.049 | 0.136 | 0.800 | 0.026 | 2.970 | | | | |
| 12 | 04 | 76 | 1245 | | | .3 | | 0.024 | 0.002 | 0.002 | 0.440 | 0.008 | 0.147 | | | | |
| 11 | 05 | 76 | 1125 | | | .3 | | 0.049 | 0.005 | 0.002L | 0.800 | 0.027 | 1.080 | | | | |
| 15 | 06 | 76 | 1345 | | | .3 | | 0.026 | 0.004 | 0.002L | 0.450 | 0.044 | 0.731 | | | | |
| 16 | 07 | 76 | 1520 | | | .3 | | 0.050 | 0.007 | 0.036 | 0.540 | 0.004 | 0.005L | 634.0 | 14.0 | | |
| 17 | 08 | 76 | 1601 | | | .3 | | 0.018 | 0.002 | 0.002 | 0.440 | 0.001 | 0.005L | 557. | 4.1 | | |
| 15 | 09 | 76 | 1325 | | | .3 | | 0.018 | 0.002 | 0.004 | 0.320 | 0.003 | 0.005L | 609.0 | 4.4 | | |
| 14 | 10 | 76 | 1426 | | | .3 | | 0.031 | 0.001 | 0.002 | 0.420 | 0.001 | 0.005L | | | | |
| 15 | 11 | 76 | 1402 | | | .3 | | 0.017 | 0.004 | 0.008 | 0.280 | 0.002 | 0.005L | | | | |
| MAXIMUM | | | | | | | | 0.325 | 0.075 | 0.380 | 1.860 | 0.044 | 4.060 | 634.0 | 136.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.065 | 0.015 | 0.057D | 0.635 | 0.016 | 0.901D | 561.5 | 39.6 | | |
| MINIMUM | | | | | | | | 0.017 | 0.001 | 0.002 | 0.280 | 0.001 | 0.005 | 446.0 | 4.1 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | | |

CONT'D

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 02 | 76 | 1055 | | .3 | | 520 | 90.00 | 25.5 | | | | | | | |
| 16 | 03 | 76 | 1125 | | .3 | | 570 | 15.00 | 50.0 | | | | | | | |
| 12 | 04 | 76 | 1245 | | .3 | | 800 | 2.30 | 66.0 | | | | | | | |
| 11 | 05 | 76 | 1125 | | .3 | | 700 | 6.50 | 55.0 | | | | | | | |
| 15 | 06 | 76 | 1345 | | .3 | | 750 | 6.00 | 51.5 | | | | | | | |
| 16 | 07 | 76 | 1520 | | .3 | | 820 | 6.60 | 55.0 | | | | | | | |
| 17 | 08 | 76 | 1601 | | .3 | | 775 | 3.0 | 58.0 | | | | | | | |
| 15 | 09 | 76 | 1325 | | .3 | | 880 | 4.60 | 66.0 | | | | | | | |
| 14 | 10 | 76 | 1426 | | .3 | | 920 | 4.50 | 73.0 | | | | | | | |
| 15 | 11 | 76 | 1402 | | .3 | | 960 | 4.00 | 53.0 | | | | | | | |
| MAXIMUM | | | | | | | 960 | 90.00 | 73.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 770 | 14.25 | 55.3 | | | | | | | |
| MINIMUM | | | | | | | 520 | 2.30 | 25.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: ETOBICOKE CREEK
SAMPLE POINT: BURNHAMTHORPE ROAD MISSISSAUGA
STATION TYPE: RIVER

STATION ID: 06-0080-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
004
4110

STN NO 3 LAT LONG U.T.M. 17 0614050.0 4832400.0 4 REGION 03 MILEAGE 5.40

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 14 | 01 | 76 | 1155 | | .3 | | 30513 | 4 | | 710. | 10. | 10. | | 0.0 | 5.0 | 8.5 |
| 17 | 02 | 76 | 1110 | | .3 | | 30532 | 6 | | 15500. | 820. | 1570. | | 0.0 | 13.0 | 7.0 |
| 16 | 03 | 76 | 1140 | | .3 | | 30551 | 6 | | | | | | 0.0 | 14.0 | 3.4 |
| 12 | 04 | 76 | 1300 | | .3 | | 30570 | 6 | | 100. | 100. | 100. | | 7.0 | 15.0 | 1.2 |
| 11 | 05 | 76 | 1140 | | .3 | | 30589 | 6 | | 8000. | 220. | 360. | 41. | 12.0 | 7.0 | 16.0 |
| 15 | 06 | 76 | 1400 | | .3 | | 30608 | 6 9 | | 1020. | 1. | 128. | | 29.0 | 11.5 | 1.4 |
| 16 | 07 | 76 | 1610 | | .3 | | 30627 | 6 | | | | | | 26.0 | 9.0 | 1.6 |
| 17 | 08 | 76 | 1622 | | .3 | | 30646 | 6 | | 600. | 1. | 96. | | 27.0 | 11.7 | 1.0 |
| 15 | 09 | 76 | 1342 | | .3 | | 30665 | 6 | | 1900. | 184. | 56. | | 22.5 | 12.1 | 0.8 |
| 14 | 10 | 76 | 1443 | | .3 | | 30684 | 6 | | 540. | 32. | 56. | | 12.0 | 13.2 | 3.0 |
| 15 | 11 | 76 | 1419 | | .3 | | 30703 | 6 | | 400. | 8. | 36. | | 1.9 | 14.3 | 1.0 |
| 16 | 12 | 76 | 1508 | | .3 | | 30722 | 6 | | 800. | 136. | 640. | | 1.0 | | 7.5 |
| MAXIMUM | | | | | | | | | | 15500. | 820. | 1570. | | 29.0 | 15.0 | 16.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1059.* D | 32.* D | 117.* D | 41.* | 11.5 | 11.4 | 4.4 |
| MINIMUM | | | | | | | | | | 100. | 1. | 10. | 41. | 0.0 | 5.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 10 | 10 | 10 | 1 | 12 | 11 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 14 | 01 | 76 | 1155 | | .3 | | 0.025 | 0.004 | 0.240 | 0.720 | 0.140 | 0.690 | 1039.0 | 4.0 | | |
| 17 | 02 | 76 | 1110 | | .3 | | 0.355 | 0.060 | 0.340 | 1.880 | 0.049 | 3.500 | 471.0 | 146.0 | | |
| 16 | 03 | 76 | 1140 | | .3 | | 0.092 | 0.043 | 0.176 | 0.800 | 0.026 | 2.570 | | | | |
| 12 | 04 | 76 | 1300 | | .3 | | 0.029 | 0.002 | 0.002L | 0.530 | 0.014 | 0.301 | | | | |
| 11 | 05 | 76 | 1140 | | .3 | | 0.086 | 0.006 | 0.006 | 1.120 | 0.065 | 1.310 | | | | |
| 15 | 06 | 76 | 1400 | | .3 | | 0.033 | 0.003 | 0.004 | 0.470 | 0.015 | 0.075 | | | | |
| 16 | 07 | 76 | 1610 | | .3 | | 0.130 | 0.028 | 0.010 | 0.620 | 0.037 | 0.303 | 466.0 | 46.0 | | |
| 17 | 08 | 76 | 1622 | | .3 | | 0.108 | 0.041 | 0.019 | 0.320 | 0.002 | 0.312 | 402. | 3.2 | | |
| 15 | 09 | 76 | 1342 | | .3 | | 0.016 | 0.002 | 0.008 | 0.320 | 0.002 | 0.068 | 533.0 | 5.8 | | |
| 14 | 10 | 76 | 1443 | | .3 | | 0.026 | 0.001 | 0.002 | 0.510 | 0.001 | 0.005L | | | | |
| 15 | 11 | 76 | 1419 | | .3 | | 0.018 | 0.003 | 0.004 | 0.260 | 0.002 | 0.005L | | | | |
| 16 | 12 | 76 | 1508 | | .3 | | 0.021 | 0.002 | 0.176 | 1.020 | 0.015 | 0.445 | | | | |
| MAXIMUM | | | | | | | 0.355 | 0.060 | 0.340 | 1.880 | 0.140 | 3.500 | 1039.0 | 146.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.078 | 0.016 | 0.082D | 0.714 | 0.031 | 0.799D | 582.2 | 41.0 | | |
| MINIMUM | | | | | | | 0.016 | 0.001 | 0.002 | 0.260 | 0.001 | 0.005 | 402. | 3.2 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 5 | 5 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 14 | 01 | 76 | 1155 | | .3 | | 1700 | 2.80 | 255.0 | | | | | | | |
| 17 | 02 | 76 | 1110 | | .3 | | 520 | 95.00 | 37.0 | | | | | | | |
| 16 | 03 | 76 | 1140 | | .3 | | 620 | 20.00 | 68.0 | | | | | | | |
| 12 | 04 | 76 | 1300 | | .3 | | 800 | 4.00 | 87.0 | | | | | | | |
| 11 | 05 | 76 | 1140 | | .3 | | 650 | 17.00 | 53.0 | | | | | | | |
| 15 | 06 | 76 | 1400 | | .3 | | 560 | 7.80 | 51.5 | | | | | | | |
| 16 | 07 | 76 | 1610 | | .3 | | 620 | 30.00 | 73.0 | | | | | | | |
| 17 | 08 | 76 | 1622 | | .3 | | 575 | 2.9 | 60.0 | | | | | | | |
| 15 | 09 | 76 | 1342 | | .3 | | 780 | 4.40 | 90.0 | | | | | | | |
| 14 | 10 | 76 | 1443 | | .3 | | 860 | 3.00 | 85.0 | | | | | | | |
| 15 | 11 | 76 | 1419 | | .3 | | 900 | 5.00 | 75.0 | | | | | | | |
| 16 | 12 | 76 | 1508 | | .3 | | 1650 | 3.00 | 270.0 | | | | | | | |
| MAXIMUM | | | | | | | 1700 | 95.00 | 270.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 853 | 16.24 | 100.4 | | | | | | | |
| MINIMUM | | | | | | | 520 | 2.80 | 37.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: ETOBICOKE CREEK
 SAMPLE POINT: AT HIGHWAY 10 1.2 MILES NORTH WEST OF SNELGROVE
 STATION TYPE: RIVER

STATION ID: 06-0080-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: ETOBICOKE CREEK

STORET CODE: 02
 004
 4110

| STN NO | 4 | LAT | LONG | U.T.M. 17 0593400.0 4843950.0 4 | REGION 03 | MILEAGE | 23.80 | | | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 02 76 | 1010 | | | | | .3 | | 30529 | 4 | | 5000. | 570. | 1430. | | 0.0 | 11.0 | 2.8 |
| 16 03 76 | 1045 | | | | | .3 | | 30548 | 4 | | | | | | 0.0 | 11.5 | 4.6 |
| 12 04 76 | 1150 | | | | | .3 | | 30567 | 9 6 | | 200. | 10. L | 140. | | 4.0 | 12.0 | 1.2 |
| 11 05 76 | 1010 | | | | | .3 | | 30586 | 6 | | 1390. | 390. | 390. | 44. | 12.0 | 7.0 | 1.4 |
| 15 06 76 | 1240 | | | | | .3 | | 30605 | 6 | | 2800. | 1. | 140. | | 24.0 | 7.4 | 2.8 |
| 16 07 76 | 1435 | | | | | .3 | | 30624 | 5 7 | | | | | | 22.5 | 8.3 | 0.8 |
| 17 08 76 | 1500 | | | | | .3 | | 30643 | 5 7 | | 400. | 1. | 30. | | 22.2 | 12.0 | 1.0 |
| 15 09 76 | 1215 | | | | | .3 | | 30662 | 7 5 | | 120. | 56. | 4. | | 17.9 | 7.3 | 1.4 |
| 14 10 76 | 1228 | | | | | .3 | | 30681 | 5 7 | | 3600. | 144. | 56. | | 9.8 | 11.0 | 1.7 |
| 15 11 76 | 1216 | | | | | .3 | | 30700 | 4 6 | | 1100. | 280. | 204. | | 1.2 | 11.8 | 1.2 |
| MAXIMUM | | | | | | | | | | | 5000. | 570. | 1430. | 44. | 24.0 | 12.0 | 4.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 955.* | 39.* D | 105.* | 44.* | 11.4 | 9.9 | 1.9 |
| MINIMUM | | | | | | | | | | | 120. | 1. | 4. | 44. | 0.0 | 7.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 8 | 8 | 1 | 10 | 10 | 10 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 02 76 | 1010 | | | | | .3 | | 0.260 | 0.090 | 0.330 | 1.380 | 0.036 | 4.560 | 248.0 | 25.0 | | |
| 16 03 76 | 1045 | | | | | .3 | | 0.342 | 0.085 | 0.560 | 2.160 | 0.023 | 2.630 | | | | |
| 12 04 76 | 1150 | | | | | .3 | | 0.082 | 0.021 | 0.148 | 1.000 | 0.013 | 0.447 | | | | |
| 11 05 76 | 1010 | | | | | .3 | | 0.085 | 0.017 | 0.006 | 1.120 | 0.012 | 0.288 | | | | |
| 15 06 76 | 1240 | | | | | .3 | | 0.118 | 0.008 | 0.226 | 1.220 | 0.090 | 0.110 | | | | |
| 16 07 76 | 1435 | | | | | .3 | | 0.086 | 0.027 | 0.086 | 0.860 | 0.009 | 0.005L | 391.0 | 11.0 | | |
| 17 08 76 | 1500 | | | | | .3 | | 0.062 | 0.018 | 0.406 | 0.640 | 0.004 | 0.011 | 417.0 | 11.0 | | |
| 15 09 76 | 1215 | | | | | .3 | | 0.070 | 0.009 | 0.018 | 0.580 | 0.001 | 0.005L | 473.0 | 12.0 | | |
| 14 10 76 | 1228 | | | | | .3 | | 0.060 | 0.010 | 0.002L | 0.590 | 0.006 | 0.089 | | | | |
| 15 11 76 | 1216 | | | | | .3 | | 0.075 | 0.021 | 0.276 | 0.790 | 0.007 | 0.223 | | | | |
| MAXIMUM | | | | | | | | 0.342 | 0.090 | 0.560 | 2.160 | 0.090 | 4.560 | 473.0 | 25.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.124 | 0.031 | 0.206D | 1.034 | 0.020 | 0.837D | 382.3 | 14.8 | | |
| MINIMUM | | | | | | | | 0.060 | 0.008 | 0.002 | 0.580 | 0.001 | 0.005 | 248.0 | 11.0 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 02 76 | 1010 | | | | | .3 | | 350 | 26.00 | 10.0 | | | | | | | |
| 16 03 76 | 1045 | | | | | .3 | | 440 | 24.00 | 42.0 | | | | | | | |
| 12 04 76 | 1150 | | | | | .3 | | 600 | 5.50 | 46.5 | | | | | | | |
| 11 05 76 | 1010 | | | | | .3 | | 475 | 7.00 | 34.0 | | | | | | | |
| 15 06 76 | 1240 | | | | | .3 | | 600 | 4.60 | 51.0 | | | | | | | |
| 16 07 76 | 1435 | | | | | .3 | | 760 | 4.20 | 93.0 | | | | | | | |
| 17 08 76 | 1500 | | | | | .3 | | 685 | 3.90 | 77.0 | | | | | | | |
| 15 09 76 | 1215 | | | | | .3 | | 780 | 5.50 | 105.0 | | | | | | | |
| 14 10 76 | 1228 | | | | | .3 | | 780 | 14.00 | 75.0 | | | | | | | |
| 15 11 76 | 1216 | | | | | .3 | | 840 | 5.50 | 70.0 | | | | | | | |
| MAXIMUM | | | | | | | | 840 | 26.00 | 105.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 631 | 10.02 | 60.4 | | | | | | | |
| MINIMUM | | | | | | | | 350 | 3.90 | 10.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: MIMICO CREEK
 SAMPLE POINT: HIGHWAY 2 MIMICO
 STATION TYPE: RIVER

STATION ID: 06-0082-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MIMICO CREEK

STORET CODE: 02
 004
 4090

| STN NO | 1 | LAT | LONG | U.T.M. 17 0622450.0 4830800.0 4 | REGION 03 | MILEAGE | 0.10 | | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|-----|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L | |
| 14 01 76 1310 | | | .3 | | 30515 | 6 | | 12000. | 100. | 470. | | 2.0 | 11.0 | 8.0 | |
| 17 02 76 1300 | | | .3 | | 30534 | 6 | | 8100. | 600. | 1500. | L | 2.0 | 13.0 | 4.0 | |
| 16 03 76 1230 | | | .3 | | 30553 | 9 | | | | | | 0.5 | 0.5 | 2.6 | |
| 12 04 76 1330 | | | .3 | | 30572 | 9 | | 2400. | 100. | 100. | L | 6.0 | 14.0 | 3.2 | |
| 11 05 76 1245 | | | .3 | | 30591 | 6 | | 6000. | 1500. | 3100. | 35. | 12.0 | 11.0 | 4.2 | |
| 15 06 76 1435 | | | .3 | | 30610 | 6 | | 49000. | 90. | 910. | | 18.5 | 8.6 | 5.6 | |
| 16 07 76 1647 | | | .3 | | 30629 | 6 | | | | | | 18.5 | 8.2 | 1.4 | |
| 17 08 76 1706 | | | .3 | | 30648 | 6 5 | | 3000. | 1. | 40. | | 20.2 | 8.7 | 0.8 | |
| 15 09 76 1446 | | | .3 | | 30667 | 6 | | 4000. | 344. | 48. | | 18.5 | 8.3 | 1.4 | |
| 14 10 76 1515 | | | .3 | | 30686 | 6 | | 2300. | 120. | 140. | | 9.4 | 10.0 | 2.1 | |
| 15 11 76 1450 | | | .3 | | 30705 | 6 | | 2600. | 20. | 50. | | 4.0 | 11.7 | 2.2 | |
| 16 12 76 1541 | | | .3 | | 30724 | 6 4 | | 2730. | 340. | 32. | | 3.0 | | 1.0 | |
| MAXIMUM | | | | | | | | 49000. | 1500. | 3100. | 35. | 20.2 | 14.0 | 8.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 5163.* | 109.* | 196.* | D | 35.* | 9.6 | 9.5 | 3.1 |
| MINIMUM | | | | | | | | 2300. | 1. | 32. | 35. | 0.5 | 0.5 | 0.8 | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 1 | 12 | 11 | 12 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 14 | 01 | 76 | 1310 | | | .3 | | 0.200 | 0.069 | 0.490 | 1.100 | 0.100 | 0.760 | 3453.0 | 17.0 | | |
| 17 | 02 | 76 | 1300 | | | .3 | | 0.375 | 0.090 | 0.340 | 1.340 | 0.058 | 2.540 | 676.0 | 136.0 | | |
| 16 | 03 | 76 | 1230 | | | .3 | | 0.175 | 0.070 | 0.224 | 0.850 | 0.035 | 2.020 | | | | |
| 12 | 04 | 76 | 1330 | | | .3 | | 0.182 | 0.150 | 0.044 | 0.560 | 0.022 | 0.798 | | | | |
| 11 | 05 | 76 | 1245 | | | .3 | | 0.185 | 0.030 | 0.018 | 0.940 | 0.050 | 1.400 | | | | |
| 15 | 06 | 76 | 1435 | | | .3 | | 0.124 | 0.012 | 0.020 | 1.520 | 0.043 | 0.777 | | | | |
| 16 | 07 | 76 | 1647 | | | .3 | | 0.150 | 0.047 | 0.256 | 0.880 | 0.030 | 0.425 | 408.0 | 28.0 | | |
| 17 | 08 | 76 | 1706 | | | .3 | | 0.020 | 0.004 | 0.138 | 0.600 | 0.018 | 0.013 | 380. | 10. | | |
| 15 | 09 | 76 | 1446 | | | .3 | | 0.147 | 0.062 | 0.242 | 0.720 | 0.025 | 0.250 | 417.0 | 19.0 | | |
| 14 | 10 | 76 | 1515 | | | .3 | | 0.119 | 0.032 | 0.134 | 0.550 | 0.005 | 0.210 | | | | |
| 15 | 11 | 76 | 1450 | | | .3 | | 0.138 | 0.066 | 0.060 | 0.460 | 0.009 | 0.211 | | | | |
| 16 | 12 | 76 | 1541 | | | .3 | | 0.046 | 0.024 | 0.070 | 0.270 | 0.004 | 0.291 | | | | |
| MAXIMUM | | | | | | | | 0.375 | 0.150 | 0.490 | 1.520 | 0.100 | 2.540 | 3453.0 | 136.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.155 | 0.055 | 0.170 | 0.816 | 0.033 | 0.808 | 1066.8 | 42.0 | | |
| MINIMUM | | | | | | | | 0.020 | 0.004 | 0.018 | 0.270 | 0.004 | 0.013 | 380. | 10. | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 5 | 5 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 14 | 01 | 76 | 1310 | | | .3 | | 6000 | 16.00 | 1950.0 | | | | | | | |
| 17 | 02 | 76 | 1300 | | | .3 | | 870 | 95.00 | 17.0 | | | | | | | |
| 16 | 03 | 76 | 1230 | | | .3 | | 1900 | 52.00 | 470.0 | | | | | | | |
| 12 | 04 | 76 | 1330 | | | .3 | | 1350 | 9.30 | 255.0 | | | | | | | |
| 11 | 05 | 76 | 1245 | | | .3 | | 1100 | 30.00 | 170.0 | | | | | | | |
| 15 | 06 | 76 | 1435 | | | .3 | | 487 | 45.00 | 57.0 | | | | | | | |
| 16 | 07 | 76 | 1647 | | | .3 | | 580 | 16.00 | 75.0 | | | | | | | |
| 17 | 08 | 76 | 1706 | | | .3 | | 580 | 8.5 | 75.0 | | | | | | | |
| 15 | 09 | 76 | 1446 | | | .3 | | 640 | 20.00 | 91.0 | | | | | | | |
| 14 | 10 | 76 | 1515 | | | .3 | | 520 | 30.00 | 73.0 | | | | | | | |
| 15 | 11 | 76 | 1450 | | | .3 | | 475 | 17.00 | 53.0 | | | | | | | |
| 16 | 12 | 76 | 1541 | | | .3 | | 365 | 4.00 | 38.5 | | | | | | | |
| MAXIMUM | | | | | | | | 6000 | 95.00 | 1950.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1239 | 28.57 | 277.0 | | | | | | | |
| MINIMUM | | | | | | | | 365 | 4.00 | 17.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: MIMICO CREEK
SAMPLE POINT: RICHVIEW SIDE ROAD ETOBICOKE
STATION TYPE: RIVER FLOW GAUGE FED 02HC033

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MIMICO CREEK

STATION ID: 06-0082-002-02

STORET CODE: 02
004
4090

STN NO 2 LAT LONG U.T.M. 17 0615300.0 4836325.0 4 REGION 03 MILEAGE 6.50

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 02 | 76 | 1355 | | | .3 | | 30537 | 6 | 270.00 | 8000. | 210. | 1380. | | 2.0 | 14.0 | 3.6 |
| 16 | 03 | 76 | 1315 | | | .3 | | 30556 | 6 | 39.50 | | | | | 0.0 | 14.0 | 1.8 |
| 12 | 04 | 76 | 1400 | | | .3 | | 30575 | 6 9 | 6.80 | 1300. | 100. L | 100. L | | 7.0 | 14.0 | 1.8 |
| 11 | 05 | 76 | 1340 | | | .3 | | 30594 | 6 | 79.20 | 8000. | 1100. | 1300. | 17. | 12.0 | 12.0 | 2.6 |
| 15 | 06 | 76 | 1515 | | | .3 | | 30613 | 6 | 10.50 | 4600. | 1. | 240. | | 12.0 | 12.0 | 2.8 |
| 16 | 07 | 76 | 1725 | | | .3 | | 30632 | 6 | | | | | | 27.0 | 12.3 | 1.6 |
| 17 | 08 | 76 | 1805 | | | .3 | | 30651 | 6 | 4.40 | 8200. | 1. | 28. | | 23.5 | 7.3 | 3.2 |
| 15 | 09 | 76 | 1522 | | | .3 | | 30670 | 6 | 3.70 | 13000. | 436. | 412. | | 25.5 | 14.2 | 1.2 |
| 14 | 10 | 76 | 1552 | | | .3 | | 30689 | 6 | 5.70 | 4300. | 380. | 260. | | 22.0 | 14.4 | 1.4 |
| 15 | 11 | 76 | 1527 | | | .3 | | 30708 | 6 | 3.30 | 3300. | 10. | 30. | | 11.4 | 12.3 | 4.8 |
| MAXIMUM | | | | | | | | | | 270.00 | 13000. | 1100. | 1380. | | 27.0 | 16.5 | 4.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 47.01 | 5252.* | 50.* D | 211.* D | | 13.4 | 13.1 | 2.5 |
| MINIMUM | | | | | | | | | | 3.30 | 1300. | 1. | 28. | | 0.0 | 7.3 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | 9 | 8 | 8 | 8 | 1 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 02 | 76 | 1355 | | | .3 | | 0.330 | 0.075 | 0.298 | 1.350 | 0.049 | 3.000 | 1036.0 | 135.0 | | |
| 16 | 03 | 76 | 1315 | | | .3 | | 0.102 | 0.033 | 0.332 | 1.100 | 0.028 | 1.920 | | | | |
| 12 | 04 | 76 | 1400 | | | .3 | | 0.089 | 0.017 | 0.036 | 0.710 | 0.025 | 0.500 | | | | |
| 11 | 05 | 76 | 1340 | | | .3 | | 0.106 | 0.010 | 0.092 | 1.040 | 0.039 | 1.000 | | | | |
| 15 | 06 | 76 | 1515 | | | .3 | | 0.043 | 0.009 | 0.004 | 0.600 | 0.052 | 0.878 | | | | |
| 16 | 07 | 76 | 1725 | | | .3 | | 0.258 | 0.029 | 0.060 | 1.000 | 0.070 | 0.610 | 510.0 | 130.0 | | |
| 17 | 08 | 76 | 1805 | | | .3 | | 0.074 | 0.038 | 0.016 | 0.580 | 0.069 | 1.630 | | | | |
| 15 | 09 | 76 | 1522 | | | .3 | | 0.147 | 0.080 | 0.028 | 0.560 | 0.073 | 0.532 | 522.0 | 3.3 | | |
| 14 | 10 | 76 | 1552 | | | .3 | | 0.160 | 0.034 | 0.680 | 1.500 | 0.200 | 0.790 | 482.0 | 6.4 | | |
| 15 | 11 | 76 | 1527 | | | .3 | | 0.090 | 0.021 | 0.560 | 1.120 | 0.032 | 0.518 | | | | |
| MAXIMUM | | | | | | | | 0.330 | 0.080 | 0.680 | 1.500 | 0.200 | 3.000 | 1036.0 | 135.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.140 | 0.035 | 0.211 | 0.956 | 0.064 | 1.138 | 637.5 | 68.7 | | |
| MINIMUM | | | | | | | | 0.043 | 0.009 | 0.004 | 0.560 | 0.025 | 0.500 | 482.0 | 3.3 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 02 | 76 | 1355 | | .3 | | 800 | 100.00 | 140.0 | | | | | | | |
| 16 | 03 | 76 | 1315 | | .3 | | 1495 | 26.00 | 330.0 | | | | | | | |
| 12 | 04 | 76 | 1400 | | .3 | | 1100 | 6.70 | 210.0 | | | | | | | |
| 11 | 05 | 76 | 1340 | | .3 | | 850 | 18.00 | 110.0 | | | | | | | |
| 15 | 06 | 76 | 1515 | | .3 | | 770 | 10.00 | 103.0 | | | | | | | |
| 16 | 07 | 76 | 1725 | | .3 | | 530 | 72.00 | 70.0 | | | | | | | |
| 17 | 08 | 76 | 1805 | | .3 | | 800 | 3.60 | 115.0 | | | | | | | |
| 15 | 09 | 76 | 1522 | | .3 | | 760 | 4.60 | 105.0 | | | | | | | |
| 14 | 10 | 76 | 1552 | | .3 | | 820 | 72.00 | 100.0 | | | | | | | |
| 15 | 11 | 76 | 1527 | | .3 | | 1100 | 15.00 | 180.0 | | | | | | | |

| | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--------|-------|
| MAXIMUM | | | | | | | 1495 | 100.00 | 330.0 |
| AVG OR GEOM MN (*) | | | | | | | 903 | 32.79 | 146.3 |
| MINIMUM | | | | | | | 530 | 3.60 | 70.0 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 |

B.O.W./ SITE: HUMBER RIVER
SAMPLE POINT: LAKESHORE ROAD TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC003

STATION ID: 06-0083-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HUMBER RIVER

STORET CODE: 02
004
4080

STN NO 1 LAT LONG U.T.M. 17 0623150.0 4832025.0 4 REGION 03

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 14 | 01 | 76 | 1315 | | .3 | | 30516 | 6 | 60.00 | 49000. | 18000. | 1500. G | | 0.0 | 9.0 | 3.2 |
| 17 | 02 | 76 | 1310 | | .3 | | 30535 | 6 | 720.00 | 17000. | 1300. | 3300. | | 1.0 | 12.0 | 6.0 |
| 16 | 03 | 76 | 1245 | | .3 | | 30554 | 6 | 300.00 | | | | | 0.0 | 10.0 | 0.8 |
| 12 | 04 | 76 | 1340 | | .3 | | 30573 | 6 | 143.00 | 4000. | 100. L | 100. | | 7.0 | 11.0 | 1.2 |
| 11 | 05 | 76 | 1255 | | .3 | | 30592 | 6 | 299.00 | 4000. | 1100. | 200. | | 14.0 | 10.0 | 1.4 |
| 12 | 05 | 76 | 1315 | | .3 | | 27224 | 6 | 258.00 | 13400. | 150. | 1500. G | 2. | 11.2 | 8.4 | 2.6 |
| 15 | 06 | 76 | 1445 | | .3 | | 30611 | 6 | 90.70 | 90000. | 30. | 590. | | 23.5 | 5.5 | 3.8 |
| 24 | 06 | 76 | 1900 | | .3 | | 27324 | 6 | 14.30 | 17000. | 100. | 10. L | | 23.2 | 9.0 | 2.4 |
| 16 | 07 | 76 | 1655 | | .3 | | 30630 | 6 | | | | | | 22.5 | 7.7 | 2.0 |
| 23 | 07 | 76 | 1320 | | .3 | | 27353 | 6 | 107.00 | 14000. | | | | 22.0 | 10.0 | 2.0 |
| 17 | 08 | 76 | 1717 | | .3 | | 30649 | 6 | 113.00 | 15000. | 1. | 250. | | 21.5 | 8.1 | 1.8 |
| 20 | 08 | 76 | 1100 | | .3 | | 27410 | 6 | 75.10 | 7300. | | 320. | | 23.0 | 11.5 | 3.0 |
| 10 | 09 | 76 | 1145 | | .3 | | 27464 | 6 | 90.40 | 22000E+1 | 19000. | 26000. | | 18.2 | 9.7 | 5.8 |
| 15 | 09 | 76 | 1452 | | .3 | | 30658 | 6 | 50.20 | 36000. | 4400. | 524. | | 20.3 | 9.7 | 2.4 |
| 14 | 10 | 76 | 1522 | | .3 | | 30687 | 6 | 83.10 | 12000. | 1600. | 360. | | 12.0 | 10.2 | 2.2 |
| 19 | 10 | 76 | 0950 | | .3 | | 27525 | 6 | 77.20 | 11000. | 2000. | 1000. L | | 5.5 | 12.0 | 2.0 |
| 08 | 11 | 76 | 0850 | | .3 | | 27582 | 6 | 91.60 | 3000. | 1000. | 1000. L | | 2.9 | 8.2 | 1.4 |
| 15 | 11 | 76 | 1456 | | .3 | | 30706 | 0 6 | 93.80 | 21000. | 1600. | 230. | | 2.5 | 12.4 | 2.2 |
| 16 | 12 | 76 | 1430 | | .3 | | 27682 | 6 | 43.00 | 23000. | 6100. | 1200. | | 1.9 | 16.7 | 3.4 |
| | | | 1550 | | .3 | | 30725 | 6 9 | 43.00 | 19200. | 6700. | 1500. | | 1.0 | | 3.0 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--------|----------|---------|---------|-----|------|------|-----|
| MAXIMUM | | | | | | | | | 720.00 | 22000E+1 | 19000. | 26000. | | 23.5 | 16.7 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 144.86 | 16866.* | 784.* D | 561.* E | 2.* | 11.7 | 10.1 | 2.6 |
| MINIMUM | | | | | | | | | 14.30 | 3000. | 1. | 10. | 2. | 0.0 | 5.5 | 0.8 |
| NO OF SAMPLES | | | | | | | | | 19 | 18 | 16 | 18 | 1 | 20 | 19 | 20 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 14 | 01 | 76 | 1315 | | .3 | | 0.065 | 0.015 | 0.500 | 0.770 | 0.040 | 0.900 | 1277.0 | 11.0 | | |
| 17 | 02 | 76 | 1310 | | .3 | | 0.465 | 0.073 | 0.320 | 1.990 | 0.038 | 2.010 | 658.0 | 230.0 | | |
| 16 | 03 | 76 | 1245 | | .3 | | 0.128 | 0.042 | 0.216 | 0.820 | 0.021 | 1.930 | | | | |
| 12 | 04 | 76 | 1340 | | .3 | | 0.052 | 0.006 | 0.112 | 0.620 | 0.023 | 0.777 | | | | |
| 11 | 05 | 76 | 1255 | | .3 | | 0.076 | 0.006 | 0.098 | 0.880 | 0.020 | 0.745 | | | | |
| 12 | 05 | 76 | 1315 | | .3 | | 0.080 | 0.022 | 0.324 | 0.600 | 0.050 | 0.730 | 436.0 | 53.0 | 383 | |
| 15 | 06 | 76 | 1445 | | .3 | | 0.114 | 0.013 | 0.318 | 1.020 | 0.080 | 0.470 | | | | |
| 24 | 06 | 76 | 1900 | | .3 | | 0.079 | 0.004 | 0.094 | 0.880 | 0.067 | 0.418 | 457.0 | 20.0 | 437 | |
| 16 | 07 | 76 | 1655 | | .3 | | 0.154 | 0.022 | 0.190 | 0.940 | 0.082 | 0.438 | 483.0 | 63.0 | | |
| 23 | 07 | 76 | 1320 | | .3 | | 0.120 | 0.014 | 0.156 | 0.800 | 0.022 | 0.348 | 372.0 | 50.0 | 322 | |
| 17 | 08 | 76 | 1717 | | .3 | | 0.108 | 0.025 | 0.163 | 0.650 | 0.025 | 0.570 | 395. | 32.0 | | |
| 20 | 08 | 76 | 1100 | | .3 | | 0.150 | 0.005 | 0.082 | 1.650 | 0.022 | 0.183 | 487.0 | 50.0 | 437 | |
| 10 | 09 | 76 | 1145 | | .3 | | 0.235 | 0.012 | 0.204 | 1.250 | 0.068 | 0.707 | 401.0 | 88.0 | 313 | |
| 15 | 09 | 76 | 1452 | | .3 | | 0.073 | 0.010 | 0.196 | 0.660 | 0.022 | 0.203 | 408.0 | 33.0 | | |
| 14 | 10 | 76 | 1522 | | .3 | | 0.074 | 0.008 | 0.112 | 0.640 | 0.014 | 0.131 | | | | |
| 19 | 10 | 76 | 0950 | | .3 | | 0.052 | 0.005 | 0.092 | 0.740 | 0.014 | 0.186 | 419.0 | 14.0 | 405 | |
| 08 | 11 | 76 | 0850 | | .3 | | 0.031 | 0.010 | 0.056 | 0.440 | 0.011 | 0.204 | 687.0 | 14.0 | 373 | |
| 15 | 11 | 76 | 1456 | | .3 | | 0.044 | 0.009 | 0.070 | 0.500 | 0.011 | 0.254 | | | | |
| 16 | 12 | 76 | 1430 | | .3 | | 0.068 | 0.013 | 0.720 | 0.880 | 0.037 | 0.773 | 968.0 | 10.0 | 958 | |
| | | | 1550 | | .3 | | 0.073 | 0.013 | 0.490 | 1.020 | 0.037 | 0.823 | | | | |

| | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|--------|-------|-----|
| MAXIMUM | | | | | | | 0.465 | 0.073 | 0.720 | 1.990 | 0.082 | 2.010 | 1277.0 | 230.0 | 958 |
| AVG OR GEOM MN (*) | | | | | | | 0.112 | 0.016 | 0.226 | 0.888 | 0.035 | 0.640 | 572.9 | 51.4 | 454 |
| MINIMUM | | | | | | | 0.031 | 0.004 | 0.056 | 0.440 | 0.011 | 0.131 | 372.0 | 10.0 | 313 |
| NO OF SAMPLES | | | | | | | 20 | 20 | 20 | 20 | 20 | 20 | 13 | 13 | 8 |

CONT'D

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 14 | 01 | 76 | 1315 | | | | .3 | 2250 | 9.00 | 490.0 | | | | | | | |
| 17 | 02 | 76 | 1310 | | | | .3 | 680 | 120.00 | 4.2 | | | | | | | |
| 16 | 03 | 76 | 1245 | | | | .3 | 710 | 51.00 | 85.0 | | | | | | | |
| 12 | 04 | 76 | 1340 | | | | .3 | 700 | 14.00 | 85.0 | | | | | | | |
| 11 | 05 | 76 | 1255 | | | | .3 | 700 | 20.00 | 65.0 | | | | | | | |
| 12 | 05 | 76 | 1315 | | | | .3 | 600 | 54.00 | 63.0 | 41.0 | 1.50 | | | 8.13 | | 3.600 |
| 15 | 06 | 76 | 1445 | | | | .3 | 520 | 23.00 | 57.0 | | | | | | | |
| 24 | 06 | 76 | 1900 | | | | .3 | 640 | 11.00 | 75.0 | 39.5 | 1.95 | | | 8.24 | | 0.810 |
| 16 | 07 | 76 | 1655 | | | | .3 | 640 | 40.00 | 70.0 | | | | | | | |
| 23 | 07 | 76 | 1320 | | | | .3 | 540 | 30.00 | 24.5 | 36.0 | 0.80 | | | 8.20 | | 2.000 |
| 17 | 08 | 76 | 1717 | | | | .3 | 580 | 30.00 | 59.0 | | | | | | | |
| 20 | 08 | 76 | 1100 | | | | .3 | 620 | 32.00 | 68.0 | 42.0 | 1.25 | | | 8.19 | | 1.850 |
| 10 | 09 | 76 | 1145 | | | | .3 | 520 | 70.00 | 68.0 | 40.5 | 0.85 | | | 7.86 | | 3.500 |
| 15 | 09 | 76 | 1452 | | | | .3 | 630 | 30.00 | 80.0 | | | | | | | |
| 14 | 10 | 76 | 1522 | | | | .3 | 680 | 35.00 | 85.0 | | | | | | | |
| 19 | 10 | 76 | 0950 | | | | .3 | 680 | 18.00 | 62.0 | 41.0 | 0.90 | | | 8.25 | | 0.680 |
| 08 | 11 | 76 | 0850 | | | | .3 | 640 | 10.00 | 60.0 | 45.5 | 0.53 | | | 8.35 | | 0.610 |
| 15 | 11 | 76 | 1456 | | | | .3 | 680 | 12.00 | 60.0 | | | | | | | |
| 16 | 12 | 76 | 1430 | | | | .3 | 1650 | 10.00 | 365.0 | 55.0 | 4.55 | | | 8.10 | | 0.560 |
| | | | 1550 | | | | .3 | 1700 | 6.50 | 365.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--------|-------|------|------|--|--|--|------|--|-------|
| MAXIMUM | | | | | | | 2250 | 120.00 | 490.0 | 55.0 | 4.55 | | | | 8.35 | | 3.600 |
| AVG OR GEOM MN (*) | | | | | | | 818 | 31.28 | 114.5 | 42.6 | 1.54 | | | | 8.17 | | 1.701 |
| MINIMUM | | | | | | | 520 | 6.50 | 4.2 | 36.0 | 0.53 | | | | 7.86 | | 0.560 |
| NO OF SAMPLES | | | | | | | 20 | 20 | 20 | 8 | 8 | | | | 8 | | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 14 | 01 | 76 | 1315 | | | | .3 | | | | | | | | | | |
| 17 | 02 | 76 | 1310 | | | | .3 | | | | | | | | | | |
| 16 | 03 | 76 | 1245 | | | | .3 | | | | | | | | | | |
| 12 | 04 | 76 | 1340 | | | | .3 | | | | | | | | | | |
| 11 | 05 | 76 | 1255 | | | | .3 | | | | | | | | | | |
| 12 | 05 | 76 | 1315 | | | | .3 | 1.0 | | | | | | | 9 | 29 | 0 |
| 15 | 06 | 76 | 1445 | | | | .3 | | | | | | | | | | |
| 24 | 06 | 76 | 1900 | | | | .3 | 1.0L | | | | | | | 9 | 20 | |
| 16 | 07 | 76 | 1655 | | | | .3 | | | | | | | | | | |
| 23 | 07 | 76 | 1320 | | | | .3 | 1.0L | | | | | | | 11 | 31 | |
| 17 | 08 | 76 | 1717 | | | | .3 | | | | | | | | | | |
| 20 | 08 | 76 | 1100 | | | | .3 | 1.0L | | | | | | | 12 | 28 | |
| 10 | 09 | 76 | 1145 | | | | .3 | 2.0 | | | | | | | 10 | 23 | 0 |
| 15 | 09 | 76 | 1452 | | | | .3 | | | | | | | | | | |
| 14 | 10 | 76 | 1522 | | | | .3 | | | | | | | | | | |
| 19 | 10 | 76 | 0950 | | | | .3 | 4.0 | | | | | | | 2 | 24 | |
| 08 | 11 | 76 | 0850 | | | | .3 | 1.0L | | | | | | | 9 | 21 | |
| 15 | 11 | 76 | 1456 | | | | .3 | | | | | | | | | | |
| 16 | 12 | 76 | 1430 | | | | .3 | 5.0 | | | | | | | 19 | 100 | 0 |
| | | | 1550 | | | | .3 | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|--|----|-----|---|
| MAXIMUM | | | | | | | 5.0 | | | | | | | | 19 | 100 | 0 |
| AVG OR GEOM MN (*) | | | | | | | 2.00 | | | | | | | | 10 | 35 | 0 |
| MINIMUM | | | | | | | 1.0 | | | | | | | | 2 | 20 | 0 |
| NO OF SAMPLES | | | | | | | 8 | | | | | | | | 8 | 8 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 05 | 76 | 1315 | | | | .3 | 0.001L | 0.020L | | 0.020L | 0.030 | 0.050 | 0.010L | 0.080 | | 0.010L |
| 10 | 09 | 76 | 1145 | | | | .3 | 0.002 | 0.070 | | 0.010 | 0.010 | 0.030 | 0.010L | 0.060 | | 0.010L |
| 16 | 12 | 76 | 1430 | | | | .3 | 0.001 | 0.030 | | 0.010L | 0.020 | 0.010 | 0.005L | 0.060 | | 0.010 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--------|--------|--|--------|-------|-------|--------|-------|--|--------|
| MAXIMUM | | | | | | | 0.002 | 0.070 | | 0.020 | 0.030 | 0.050 | 0.010 | 0.080 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.040D | | 0.013D | 0.020 | 0.030 | 0.008D | 0.067 | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.060 | | 0.010 |
| NO OF SAMPLES | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: HUMBER RIVER WEST
 SAMPLE POINT: CLAIREVILLE DAM OUTLET CLAIREVILLE
 STATION TYPE: RIVER FLOW GAUGE FED 02HC034

STATION ID: 06-0083-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

| STN NO | 2 | LAT | LONG | U.T.M. 17 0610550.0 4843275.0 4 | REGION 03 | MILEAGE | 14.80 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 14 01 76 1120 | | | .3 | | 30511 | 6 | 3.90 | 20. | 10. L | 1. | | 0.5 | 7.5 | 1.2 |
| 17 02 76 1040 | | | .3 | | 30530 | 6 | 321.00 | 10700. | 740. | 1500. G | | 0.0 | 14.0 | 4.0 |
| 16 03 76 1110 | | | .3 | | 30549 | 6 | 88.60 | | | | | 0.0 | 15.0 | 0.6 |
| 12 04 76 1230 | | | .3 | | 30568 | 6 | 7.90 | 30. | 10. L | 20. | | 7.0 | 9.0 | 0.6 |
| 11 05 76 1100 | | | .3 | | 30587 | 6 | 30.80 | 2300. | 310. | 280. | 30. | 11.0 | 12.0 | 2.2 |
| 15 06 76 1330 | | | .3 | | 30606 | 6 | 2.80 | 240. | 1. | 112. | | 27.0 | 11.2 | 1.6 |
| 16 07 76 1500 | | | .3 | | 30625 | 6 | | | | | | 24.0 | 10.2 | 0.8 |
| 17 08 76 1535 | | | .3 | | 30644 | 6 | 4.90 | 100. | 1. | 8. | | 24.0 | 10.7 | 2.0 |
| 15 09 76 1250 | | | .3 | | 30663 | 6 | 0.08 | 300. | 80. | 1. | | 20.8 | 8.3 | 1.6 |
| 14 10 76 1344 | | | .3 | | 30682 | 6 | 6.00 | 120. | 84. | 38. | | 11.5 | 11.9 | 1.8 |
| 15 11 76 1315 | | | .3 | | 30701 | 6 | 20.40 | 20. | 1. | 1. | | 3.0 | 13.3 | 1.6 |
| 16 12 76 1441 | | | .3 | | 30720 | 6 | 3.20 | 10. L | 2. | 2. | | 4.0 | 11.8 | 1.4 |
| MAXIMUM | | | | | | | 321.00 | 10700. | 740. | 1500. | 30. | 27.0 | 15.0 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | 44.51 | 138.* D | 14.* D | 15.* U | 30.* | 11.1 | 11.2 | 1.6 |
| MINIMUM | | | | | | | 0.08 | 10. | 1. | 1. | 30. | 0.0 | 7.5 | 0.6 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 10 | 10 | 1 | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 14 01 76 1120 | | | .3 | | 0.023 | 0.001 | 0.040 | 0.490 | 0.007 | 0.690 | 486.0 | 4.0 | | |
| 17 02 76 1040 | | | .3 | | 0.280 | 0.085 | 0.390 | 1.480 | 0.036 | 2.650 | 326.0 | 61.0 | | |
| 16 03 76 1110 | | | .3 | | 0.102 | 0.051 | 0.182 | 0.840 | 0.022 | 3.130 | | | | |
| 12 04 76 1230 | | | .3 | | 0.112 | 0.016 | 0.032 | 1.060 | 0.029 | 3.470 | | | | |
| 11 05 76 1100 | | | .3 | | 0.144 | 0.040 | 0.066 | 1.100 | 0.029 | 2.970 | | | | |
| 15 06 76 1330 | | | .3 | | 0.061 | 0.005 | 0.032 | 0.820 | 0.018 | 0.347 | | | | |
| 16 07 76 1500 | | | .3 | | 0.080 | 0.009 | 0.080 | 0.940 | 0.042 | 0.913 | 355.0 | 15.0 | | |
| 17 08 76 1535 | | | .3 | | 0.058 | 0.006 | 0.010 | 0.800 | 0.019 | 0.351 | 342. | 22. | | |
| 15 09 76 1250 | | | .3 | | 0.052 | 0.002 | 0.036 | 0.780 | 0.003 | 0.012 | 381.0 | 17.0 | | |
| 14 10 76 1344 | | | .3 | | 0.062 | 0.005 | 0.032 | 0.740 | 0.007 | 0.148 | | | | |
| 15 11 76 1315 | | | .3 | | 0.038 | 0.002 | 0.010 | 0.620 | 0.004 | 0.156 | | | | |
| 16 12 76 1441 | | | .3 | | 0.030 | 0.002 | 0.040 | 0.520 | 0.003 | 0.167 | | | | |
| MAXIMUM | | | | | 0.280 | 0.085 | 0.390 | 1.480 | 0.042 | 3.470 | 486.0 | 61.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.087 | 0.019 | 0.079 | 0.849 | 0.018 | 1.251 | 378.0 | 23.8 | | |
| MINIMUM | | | | | 0.023 | 0.001 | 0.010 | 0.490 | 0.003 | 0.012 | 326.0 | 4.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 5 | 5 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 14 01 76 1120 | | | .3 | | 840 | 3.90 | 65.0 | | | | | | | |
| 17 02 76 1040 | | | .3 | | 400 | 68.00 | 27.0 | | | | | | | |
| 16 03 76 1110 | | | .3 | | 430 | 30.00 | 35.0 | | | | | | | |
| 12 04 76 1230 | | | .3 | | 500 | 43.00 | 39.5 | | | | | | | |
| 11 05 76 1100 | | | .3 | | 485 | 51.00 | 34.0 | | | | | | | |
| 15 06 76 1330 | | | .3 | | 530 | 21.00 | 38.5 | | | | | | | |
| 16 07 76 1500 | | | .3 | | 500 | 9.40 | 37.0 | | | | | | | |
| 17 08 76 1535 | | | .3 | | 500 | 18. | 40.5 | | | | | | | |
| 15 09 76 1250 | | | .3 | | 600 | 18.00 | 58.0 | | | | | | | |
| 14 10 76 1344 | | | .3 | | 580 | 28.00 | 50.0 | | | | | | | |
| 15 11 76 1315 | | | .3 | | 700 | 15.00 | 60.0 | | | | | | | |
| 16 12 76 1441 | | | .3 | | 840 | 7.00 | 65.0 | | | | | | | |
| MAXIMUM | | | | | 840 | 68.00 | 65.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 575 | 26.03 | 45.8 | | | | | | | |
| MINIMUM | | | | | 400 | 3.90 | 27.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: HUMBER RIVER
 SAMPLE POINT: HIGHWAY 7 WOODBRIDGE
 STATION TYPE: RIVER

STATION ID: 06-0083-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

STN NO 3 LAT LONG U.T.M. 17 0613350.0 4848200.0 4 REGION 03 MILEAGE 16.60

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 14 01 76 0940 | | | .3 | | 30507 | 4 | | 190. | 28. | 4. | | 0.0 | 8.0 | 2.2 |
| 17 02 76 0915 | | | .3 | | 30526 | 4 | | 8900. | 650. | 1110. | | 0.0 | 10.0 | 2.8 |
| 16 03 76 0950 | | | .3 | | 30545 | 6 | | | | | | 0.0 | 10.0 | 0.8 |
| 12 04 76 1050 | | | .3 | | 30564 | 6 | | 400. | 30. | 10. | | 4.0 | 11.0 | 1.0 |
| 11 05 76 0915 | | | .3 | | 30583 | 6 | | 1600. | 260. | 100. | 13. | 12.0 | 8.0 | 1.0 |
| 15 06 76 1140 | | | .3 | | 30602 | 6 | | 1800. | 10. | L 290. | | 24.0 | 10.0 | 1.4 |
| 16 07 76 1240 | | | .3 | | 30621 | 6 | | | | | | 22.0 | 8.8 | 0.8 |
| 17 08 76 1341 | | | .3 | | 30640 | 6 | | 200. | 1. | 10. | L | 23.2 | 14.8 | 1.0 |
| 15 09 76 1120 | | | .3 | | 30659 | 6 | | 1000. | 132. | 20. | | 19.0 | 11.2 | 0.8 |
| 14 10 76 1135 | | | .3 | | 30678 | 6 | | 3400. | 336. | 264. | | 10.0 | 14.4 | 2.4 |
| 15 11 76 1120 | | | .3 | | 30697 | 6 4 | | 500. | 24. | 32. | | 1.0 | 15.7 | 1.3 |
| 16 12 76 1225 | | | .3 | | 30716 | 4 6 | | 600. | 104. | 68. | | 0.5 | 13.8 | 0.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

8900.
 912.*
 190.

650.
 52.* D
 1.

1110.
 52.* D
 4.

13.
 13.*
 13.

24.0
 9.6
 0.0

15.7
 11.3
 8.0

2.8
 1.4
 0.8

NO OF SAMPLES

10 10 10 1 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KUELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 14 01 76 0940 | | | .3 | | 0.052 | 0.027 | 0.190 | 0.520 | 0.011 | 0.770 | 386.0 | 8.0 | | |
| 17 02 76 0915 | | | .3 | | 0.225 | 0.037 | 0.288 | 1.360 | 0.023 | 1.260 | 502.0 | 120.0 | | |
| 16 03 76 0950 | | | .3 | | 0.082 | 0.034 | 0.116 | 0.600 | 0.010 | 1.140 | | | | |
| 12 04 76 1050 | | | .3 | | 0.048 | 0.007 | 0.054 | 0.470 | 0.013 | 0.427 | | | | |
| 11 05 76 0915 | | | .3 | | 0.039 | 0.005 | 0.002L | 0.460 | 0.009 | 0.081 | | | | |
| 15 06 76 1140 | | | .3 | | 0.106 | 0.020 | 0.074 | 0.740 | 0.045 | 0.425 | | | | |
| 16 07 76 1240 | | | .3 | | 0.142 | 0.037 | 0.032 | 0.560 | 0.014 | 0.306 | 420.0 | 80.0 | | |
| 17 08 76 1341 | | | .3 | | 0.060 | 0.013 | 0.017 | 0.520 | 0.008 | 0.217 | 345.0 | 19.0 | | |
| 15 09 76 1120 | | | .3 | | 0.062 | 0.011 | 0.024 | 0.820 | 0.004 | 0.011 | 218.0 | 16.0 | | |
| 14 10 76 1135 | | | .3 | | 0.096 | 0.009 | 0.012 | 0.620 | 0.008 | 0.062 | | | | |
| 15 11 76 1120 | | | .3 | | 0.032 | 0.014 | 0.046 | 0.440 | 0.007 | 0.163 | | | | |
| 16 12 76 1225 | | | .3 | | 0.036 | 0.018 | 0.284 | 0.590 | 0.012 | 0.528 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.225
 0.082
 0.032

0.037
 0.019
 0.005

0.288
 0.095D
 0.002

1.360
 0.642
 0.440

0.045
 0.014
 0.004

1.260
 0.449
 0.011

502.0
 374.2
 218.0

120.0
 48.6
 8.0

NO OF SAMPLES

12 12 12 12 12 5 5

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 14 01 76 0940 | | | .3 | | 620 | 5.20 | 38.0 | | | | | | | |
| 17 02 76 0915 | | | .3 | | 640 | 70.00 | 80.0 | | | | | | | |
| 16 03 76 0950 | | | .3 | | 500 | 18.00 | 35.5 | | | | | | | |
| 12 04 76 1050 | | | .3 | | 550 | 6.00 | 27.0 | | | | | | | |
| 11 05 76 0915 | | | .3 | | 500 | 8.40 | 24.0 | | | | | | | |
| 15 06 76 1140 | | | .3 | | 510 | 34.00 | 25.5 | | | | | | | |
| 16 07 76 1240 | | | .3 | | 520 | 44.00 | 26.8 | | | | | | | |
| 17 08 76 1341 | | | .3 | | 525 | 19.00 | 34.5 | | | | | | | |
| 15 09 76 1120 | | | .3 | | 490 | 15.00 | 25.5 | | | | | | | |
| 14 10 76 1135 | | | .3 | | 560 | 20.00 | 28.0 | | | | | | | |
| 15 11 76 1120 | | | .3 | | 540 | 10.00 | 24.5 | | | | | | | |
| 16 12 76 1225 | | | .3 | | 630 | 4.50 | 39.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

640
 549
 490

70.00
 21.18
 4.50

80.0
 34.0
 24.0

NO OF SAMPLES

12 12 12

B.O.W./ SITE: HUMBER RIVER EAST
 SAMPLE POINT: AT BRIDGE PINE GROVE ROAD
 STATION TYPE: RIVER FLOW GAUGE FED 02HC009

STATION ID: 06-0083-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

| STN NO | 4 | LAT | LONG | U.T.M. 17 0614150.0 4850225.0 4 | REGION 03 | MILEAGE | 17.50 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 14 | 01 | 76 | 0950 | | .3 | | 30508 | 4 | 14.00 | 70. | 10. | 10. | | 0.0 | 8.5 | 1.8 |
| 17 | 02 | 76 | 0925 | | .3 | | 30527 | 4 | 86.00 | 9200. | 300. | 1060. | | 0.0 | 13.0 | 3.2 |
| 16 | 03 | 76 | 1000 | | .3 | | 30546 | 6 | 70.80 | | | | | 0.0 | 12.0 | 0.8 |
| 12 | 04 | 76 | 1100 | | .3 | | 30565 | 6 | 30.40 | 10. | 10. L | 10. L | | 4.0 | 10.0 | 0.6 |
| 11 | 05 | 76 | 0920 | | .3 | | 30584 | 6 | 52.50 | 40. | 70. | 30. | 3. | 12.0 | 9.0 | 0.4 |
| 15 | 06 | 76 | 1150 | | .3 | | 30603 | 6 | 10.90 | 240. | 8. | 336. | | 23.5 | 9.6 | 0.8 |
| 16 | 07 | 76 | 1250 | | .3 | | 30622 | 6 | | | | | | 22.0 | 9.1 | 0.4 |
| 17 | 08 | 76 | 1349 | | .3 | | 30641 | 6 | 42.60 | 240. | 1. | 40. | | 21.5 | 11.8 | 1.2 |
| 15 | 09 | 76 | 1130 | | .3 | | 30660 | 6 | 9.40 | 100. | 20. | 1. | | 18.7 | 10.3 | 0.6 |
| 14 | 10 | 76 | 1145 | | .3 | | 30679 | 6 | 14.80 | 60. | 4. | 62. | | 10.0 | 12.1 | 1.9 |
| 15 | 11 | 76 | 1131 | | .3 | | 30698 | 6 | 13.50 | 200. | 76. | 1. | | 1.2 | 13.5 | 0.8 |
| 16 | 12 | 76 | 1235 | | .3 | | 30717 | 6 | 10.00 | 8. | 4. L | 20. | | 0.5 | 13.1 | 1.2 |
| | | | | | | | | | 86.00 | 9200. | 300. | 1060. | 23.5 | 13.5 | 3.2 | |
| AVG OR GEOM MN (*) | | | | | | | | | 32.26 | 104.* | 14.* D | 24.* D | 9.5 | 11.0 | 1.1 | |
| MINIMUM | | | | | | | | | 9.40 | 8. | 1. | 1. | 3. | 0.0 | 8.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 11 | 10 | 10 | 10 | 1 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 14 | 01 | 76 | 0950 | | .3 | | 0.005 | 0.002 | 0.010 | 0.320 | 0.003 | 0.330 | 446.0 | 2.0 | | |
| 17 | 02 | 76 | 0925 | | .3 | | 0.115 | 0.021 | 0.314 | 1.130 | 0.023 | 1.210 | 464.0 | 37.0 | | |
| 16 | 03 | 76 | 1000 | | .3 | | 0.045 | 0.012 | 0.060 | 0.420 | 0.011 | 1.640 | | | | |
| 12 | 04 | 76 | 1100 | | .3 | | 0.023 | 0.001 | 0.008 | 0.400 | 0.003 | 0.203 | | | | |
| 11 | 05 | 76 | 0920 | | .3 | | 0.016 | 0.002 | 0.002 | 0.510 | 0.005 | 0.140 | | | | |
| 15 | 06 | 76 | 1150 | | .3 | | 0.052 | 0.005 | 0.016 | 0.420 | 0.007 | 0.083 | | | | |
| 16 | 07 | 76 | 1250 | | .3 | | 0.032 | 0.008 | 0.028 | 0.440 | 0.002 | 0.005L | 435.0 | 15.0 | | |
| 17 | 08 | 76 | 1349 | | .3 | | 0.070 | 0.011 | 0.013 | 0.650 | 0.009 | 0.481 | 418.0 | 27.0 | | |
| 15 | 09 | 76 | 1130 | | .3 | | 0.029 | 0.004 | 0.022 | 0.320 | 0.001 | 0.005L | 369.0 | 19.0 | | |
| 14 | 10 | 76 | 1145 | | .3 | | 0.018 | 0.001 | 0.010 | 0.350 | 0.001 | 0.009 | | | | |
| 15 | 11 | 76 | 1131 | | .3 | | 0.012 | 0.002 | 0.008 | 0.260 | 0.001 | 0.024 | | | | |
| 16 | 12 | 76 | 1235 | | .3 | | 0.015 | 0.002 | 0.002L | 0.260 | 0.003 | 0.207 | | | | |
| | | | | | | | 0.115 | 0.021 | 0.314 | 1.130 | 0.023 | 1.640 | 464.0 | 37.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.036 | 0.006 | 0.041D | 0.457 | 0.006 | 0.361D | 426.4 | 20.0 | | |
| MINIMUM | | | | | | | 0.005 | 0.001 | 0.002 | 0.260 | 0.001 | 0.005 | 369.0 | 2.0 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 5 | 5 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 14 | 01 | 76 | 0950 | | .3 | | 720 | 2.70 | 60.0 | | | | | | | |
| 17 | 02 | 76 | 0925 | | .3 | | 730 | 31.00 | 110.0 | | | | | | | |
| 16 | 03 | 76 | 1000 | | .3 | | 610 | 12.00 | 60.0 | | | | | | | |
| 12 | 04 | 76 | 1100 | | .3 | | 600 | 3.60 | 41.5 | | | | | | | |
| 11 | 05 | 76 | 0920 | | .3 | | 650 | 5.20 | 46.5 | | | | | | | |
| 15 | 06 | 76 | 1150 | | .3 | | 580 | 24.00 | 32.0 | | | | | | | |
| 16 | 07 | 76 | 1250 | | .3 | | 600 | 11.00 | 40.0 | | | | | | | |
| 17 | 08 | 76 | 1349 | | .3 | | 620 | 21.00 | 44.5 | | | | | | | |
| 15 | 09 | 76 | 1130 | | .3 | | 600 | 19.00 | 39.5 | | | | | | | |
| 14 | 10 | 76 | 1145 | | .3 | | 680 | 6.00 | 46.5 | | | | | | | |
| 15 | 11 | 76 | 1131 | | .3 | | 660 | 6.00 | 39.0 | | | | | | | |
| 16 | 12 | 76 | 1235 | | .3 | | 700 | 3.60 | 42.0 | | | | | | | |
| | | | | | | | 730 | 31.00 | 110.0 | | | | | | | |
| MAXIMUM | | | | | | | 646 | 12.09 | 50.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 580 | 2.70 | 32.0 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: HUMBER RIVER
 SAMPLE POINT: YORK PEEL COUNTY LINE BOLTON
 STATION TYPE: RIVER FLOW GAUGE FED 02HC025

STATION ID: 06-0083-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

| STN NO | 5 | LAT | LONG | U.T.M. 17 0603010.0 4859850.0 4 | | | | | | | | REGION 03 | MILEAGE | 32.60 | | | |
|------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 14 | 01 | 76 | 1025 | | | .3 | | 30509 | 4 | 40.00 | 100. | 1. | 10. | L | 0.0 | 12.0 | 1.8 |
| 17 | 02 | 76 | 0945 | | | .3 | | 30528 | 6 | 158.00 | 17100E+1 | 11200. | | | 0.0 | 13.0 | 2.6 |
| 16 | 03 | 76 | 1020 | | | .3 | | 30547 | 6 | 158.00 | | | | | 0.0 | 14.0 | 2.0 |
| 12 | 04 | 76 | 1125 | | | .3 | | 30566 | 6 | 73.20 | 15700. | 570. | 100. | | 4.0 | 11.0 | 0.8 |
| 11 | 05 | 76 | 0945 | | | .3 | | 30585 | 6 | 119.00 | 39000. | 910. | 280. | 32. | 12.0 | 10.0 | 1.4 |
| 15 | 06 | 76 | 1215 | | | .3 | | 30604 | 6 | 46.50 | 15600E+1 | 310. | | | 23.5 | 9.6 | 2.8 |
| 16 | 07 | 76 | 1450 | | | .3 | | 30623 | 6 | | | | | | 22.5 | 8.5 | 1.0 |
| 17 | 08 | 76 | 1410 | | | .3 | | 30642 | 6 | 47.10 | 5000. | 1. | 100. | | 22.0 | 13.2 | 1.4 |
| 15 | 09 | 76 | 1153 | | | .3 | | 30661 | 6 | 33.60 | 6000. | 268. | 28. | | 19.6 | 9.3 | 2.4 |
| 14 | 10 | 76 | 1207 | | | .3 | | 30680 | | | 32000. | 110. | 680. | | | 12.6 | 3.1 |
| 15 | 11 | 76 | 1153 | | | .3 | | 30699 | 6 | 57.30 | 2000. | 1. | 10. | | 1.2 | 14.2 | 1.2 |
| 16 | 12 | 76 | 1306 | | | .3 | | 30718 | 4 6 | 41.50 | 4000. | 320. | 116. | | 0.5 | 13.5 | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|----------|------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 14 01 76 | 1025 | | | .3 | | 0.012 | 0.004 | 0.050 | 0.220 | 0.005 | 0.210 | 260.0 | 2.0 | | |
| 17 02 76 | 0945 | | | .3 | | 0.143 | 0.035 | 0.280 | 1.070 | 0.015 | 0.914 | 387.0 | 55.0 | | |
| 16 03 76 | 1020 | | | .3 | | 0.147 | 0.063 | 0.306 | 1.090 | 0.008 | 0.797 | | | | |
| 12 04 76 | 1125 | | | .3 | | 0.076 | 0.016 | 0.292 | 0.800 | 0.008 | 0.522 | | | | |
| 11 05 76 | 0945 | | | .3 | | 0.081 | 0.019 | 0.122 | 0.630 | 0.010 | 0.195 | | | | |
| 15 06 76 | 1215 | | | .3 | | 0.140 | 0.039 | 0.318 | 0.900 | 0.034 | 0.416 | | | | |
| 16 07 76 | 1450 | | | .3 | | 0.176 | 0.075 | 0.130 | 0.700 | 0.220 | 0.080 | 350.0 | 50.0 | | |
| 17 08 76 | 1410 | | | .3 | | 0.126 | 0.087 | 0.013 | 0.460 | 0.100 | 0.365 | 310.0 | 15.0 | | |
| 15 09 76 | 1153 | | | .3 | | 0.165 | 0.100 | 0.364 | 0.800 | 0.049 | 0.216 | 308.0 | 39.0 | | |
| 14 10 76 | 1207 | | | .3 | | 0.120 | 0.058 | 0.386 | 0.870 | 0.006 | 0.194 | | | | |
| 15 11 76 | 1153 | | | .3 | | 0.144 | 0.086 | 0.470 | 0.900 | 0.003 | 0.437 | | | | |
| 16 12 76 | 1306 | | | .3 | | 0.079 | 0.041 | 0.640 | 0.910 | 0.006 | 0.724 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|----------|------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 14 01 76 | 1025 | | | .3 | | 480 | 3.00 | 6.5 | | | | | | | |
| 17 02 76 | 0945 | | | .3 | | 580 | 34.00 | 37.5 | | | | | | | |
| 16 03 76 | 1020 | | | .3 | | 510 | 15.00 | 29.5 | | | | | | | |
| 12 04 76 | 1125 | | | .3 | | 470 | | 20.5 | | | | | | | |
| 11 05 76 | 0945 | | | .3 | | 470 | 16.00 | 18.5 | | | | | | | |
| 15 06 76 | 1215 | | | .3 | | 465 | 10.00 | 22.0 | | | | | | | |
| 16 07 76 | 1450 | | | .3 | | 473 | 26.00 | 23.0 | | | | | | | |
| 17 08 76 | 1410 | | | .3 | | 525 | 14.00 | 20.0 | | | | | | | |
| 15 09 76 | 1153 | | | .3 | | 460 | 28.00 | 20.5 | | | | | | | |
| 14 10 76 | 1207 | | | .3 | | 520 | 14.00 | 20.0 | | | | | | | |
| 15 11 76 | 1153 | | | .3 | | 530 | 10.00 | 22.0 | | | | | | | |
| 16 12 76 | 1306 | | | .3 | | 560 | 5.00 | 25.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: BLACK CREEK
 SAMPLE POINT: AT SCARLETT ROAD TORONTO
 STATION TYPE: RIVER FLOW GAUGE FED 02HC027

STATION ID: 06-0083-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

| STN NO | 12 | LAT | LONG | U.T.M. 17 0620450.0 4836650.0 4 | | | | | | | REGION 03 | MILEAGE | 5.10 | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 14 01 76 1330 | | | .3 | | 30517 | 6 | 9.80 | 26000. | 3900. | 1500. | G | 3.0 | 12.0 | 11.0 |
| 17 02 76 1340 | | | .3 | | 30536 | 6 | 88.30 | 11000. | 850. | 1730. | | 4.0 | 15.0 | 6.0 |
| 16 03 76 1300 | | | .3 | | 30555 | 6 | 34.70 | | | | | 2.0 | 9.0 | 4.0 |
| 12 04 76 1350 | | | .3 | | 30574 | 6 9 | 9.30 | 6000. | 100. | 100. | | 9.0 | 9.0 | 2.8 |
| 11 05 76 1310 | | | .3 | | 30593 | 6 | 111.00 | 37000. | 5400. | 4300. | 52. | 12.0 | 9.0 | 8.0 |
| 15 06 76 1500 | | | .3 | | 30612 | 6 9 | 11.70 | 64000. | 130. | 480. | | 27.0 | 8.8 | 4.2 |
| 16 07 76 1710 | | | .3 | | 30631 | 6 | | | | | | 24.2 | 9.5 | 4.0 |
| 17 08 76 1750 | | | .3 | | 30650 | 6 | 10.40 | 58000. | 1. | 820. | | 25.0 | 9.3 | 3.2 |
| 15 09 76 1510 | | | .3 | | 30669 | 6 | 9.80 | 47000. | 276. | 90. | | 22.5 | 11.3 | 5.0 |
| 14 10 76 1539 | | | .3 | | 30688 | 6 | 10.50 | 17000E+1 | 1300. | G 2100. | | 13.8 | 11.6 | 8.8 |
| 15 11 76 1513 | | | .3 | | 30707 | 6 | 7.30 | 64000. | 12000. | 14000. | | 7.0 | 16.5 | 8.3 |
| 16 12 76 1611 | | | .3 | | 30726 | 6 | 7.90 | 31000. | 9100. | 4300. | | 5.3 | 11.4 | 9.5 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

111.00 17000E+1 12000. 14000.
 28.25 36087.* 625.* E 1175.* U
 7.30 6000. 1. 90.

NO OF SAMPLES

11 10 10 10 1 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 14 01 76 1330 | | | .3 | | 0.290 | 0.059 | 1.400 | 2.800 | 0.160 | 1.300 | 4026.0 | 42.0 | | |
| 17 02 76 1340 | | | .3 | | 0.395 | 0.060 | 0.350 | 1.710 | 0.065 | 0.545 | 1056.0 | 126.0 | | |
| 16 03 76 1300 | | | .3 | | 0.310 | 0.075 | 1.030 | 2.100 | 0.066 | 2.770 | | | | |
| 12 04 76 1350 | | | .3 | | 0.118 | 0.020 | 1.520 | 2.050 | 0.062 | 2.000 | | | | |
| 11 05 76 1310 | | | .3 | | 0.178 | 0.017 | 0.400 | 1.480 | 0.083 | 1.570 | | | | |
| 15 06 76 1500 | | | .3 | | 0.174 | 0.064 | 0.860 | 1.940 | 0.140 | 0.860 | | | | |
| 16 07 76 1710 | | | .3 | | 0.176 | 0.040 | 0.004 | 0.880 | 0.580 | 0.920 | 595.0 | 35.0 | | |
| 17 08 76 1750 | | | .3 | | 0.240 | 0.145 | 0.820 | 1.680 | 0.285 | 1.650 | 919.0 | 6.7 | | |
| 15 09 76 1510 | | | .3 | | 0.330 | 0.160 | 0.600 | 1.810 | 0.290 | 1.230 | 955.0 | 6.0 | | |
| 14 10 76 1539 | | | .3 | | 0.245 | 0.140 | 0.680 | 1.750 | 0.130 | 1.170 | | | | |
| 15 11 76 1513 | | | .3 | | 0.515 | 0.220 | 0.940 | 2.520 | 0.090 | 0.810 | | | | |
| 16 12 76 1611 | | | .3 | | 0.417 | 0.098 | 1.160 | 2.650 | 0.160 | 0.790 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.515 0.220 1.520 2.800 0.580 2.770 4026.0 126.0
 0.282 0.092 0.814 1.948 0.176 1.301 1510.2 43.1
 0.118 0.017 0.004 0.880 0.062 0.545 595.0 6.0

NO OF SAMPLES

12 12 12 12 12 12 5 5

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 14 01 76 1330 | | | .3 | | 6800 | 42.00 | 2400.0 | | | | | | | |
| 17 02 76 1340 | | | .3 | | 1500 | 80.00 | 4.1 | | | | | | | |
| 16 03 76 1300 | | | .3 | | 2650 | 32.00 | 560.0 | | | | | | | |
| 12 04 76 1350 | | | .3 | | 2000 | 14.00 | 440.0 | | | | | | | |
| 11 05 76 1310 | | | .3 | | 900 | 35.00 | 145.0 | | | | | | | |
| 15 06 76 1500 | | | .3 | | 1400 | 10.00 | 275.0 | | | | | | | |
| 16 07 76 1710 | | | .3 | | 880 | 19.00 | 148.0 | | | | | | | |
| 17 08 76 1750 | | | .3 | | 1420 | 4.80 | 245.0 | | | | | | | |
| 15 09 76 1510 | | | .3 | | 1550 | 6.40 | 315.0 | | | | | | | |
| 14 10 76 1539 | | | .3 | | 1600 | 14.00 | 153.0 | | | | | | | |
| 15 11 76 1513 | | | .3 | | 1600 | 15.00 | 300.0 | | | | | | | |
| 16 12 76 1611 | | | .3 | | 3600 | 18.00 | 1025.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

6800 80.00 2400.0
 2158 24.18 500.8
 880 4.80 4.1

NO OF SAMPLES

12 12 12

B.O.W. / SITE: HUMBER RIVER
 SAMPLE POINT: ALBION HILL CONSERVATION AREA
 STATION TYPE: RIVER FLOW GAUGE FED 02HC012

STATION ID: 06-0083-018-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HUMBER RIVER

STORET CODE: 02
 004
 4080

| STN NO | 18 | LAT | LONG | U.T.M. 17 0596075.0 4864100.0 4 | | | | | | REGION 03 | MILEAGE | 44.30 | | |
|---------------|------|-----|-------|---------------------------------|-----------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 06 01 76 1000 | | | .3 | | 27000 | 6 | 30.00 | 130. | 24. | 8. | | 0.0 | 11.6 | 0.6 |
| 09 03 76 1010 | | | .3 | | 27067 | 6 | 105.00 | | | | | 1.0 | 10.8 | 0.6 |
| 13 04 76 1108 | | | .3 | | 27150 | 6 | 47.20 | 8. | 1. | 12. | | 8.2 | 10.7 | 1.6 |
| 19 05 76 0945 | | | .3 | | 27228 | 6 | 57.80 | 340. | 108. | 96. | | 9.0 | 9.2 | 1.4 |
| 21 06 76 1245 | | | .3 | | 27500 | 6 | 28.30 | 1000. | | 100. | | 21.0 | 10.0 | 0.8 |
| 19 07 76 1000 | | | .3 | | 27520 | 6 | 20.40 | 150. | | 12. | | 20.0 | 9.8 | 0.6 |
| 19 08 76 1630 | | | .3 | | 27559 | 6 | 23.00 | 70. | | 156. | | 23.0 | 10.4 | 1.2 |
| 16 09 76 1550 | | | .3 | | 29579 | 6 | 19.90 | 320. | 44. | 76. | | 18.5 | 11.9 | 0.8 |
| 14 10 76 1535 | | | .3 | | 29599 | 6 | 32.20 | 90. | 16. | 20. | | 11.1 | 11.7 | 1.7 |
| 10 11 76 1130 | | | .3 | | 29619 | 6 | 30.50 | 60. | 60. | 20. | | 3.0 | 12.8 | 0.2 |
| 06 12 76 0845 | | | .3 | | 27642 | 6 | 28.50 | 270. | 20. | 10. L | | 1.5 | 15.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

| | | | | | | |
|--------|-------|------|--------|------|------|-----|
| 105.00 | 1000. | 108. | 156. | 23.0 | 15.0 | 1.7 |
| 38.44 | 133.* | 22.* | 30.* D | 10.6 | 11.3 | 0.9 |
| 19.90 | 8. | 1. | 8. | 0.0 | 9.2 | 0.2 |

NO OF SAMPLES

| | | | | | | |
|----|----|---|----|----|----|----|
| 11 | 10 | 7 | 10 | 11 | 11 | 11 |
|----|----|---|----|----|----|----|

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|--------------|--------------------------|-----------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 06 01 76 1000 | | .3 | | 0.020 | 0.003 | 0.030 | 0.350 | 0.009 | 0.880 | 328.0 | 5.0 | | |
| 09 03 76 1010 | | .3 | | 0.051 | 0.009 | 0.030 | 0.490 | 0.006 | 0.684 | 311.0 | 22.0 | | |
| 13 04 76 1108 | | .3 | | 0.026 | 0.001 | 0.012 | 0.540 | 0.004 | 0.616 | 312.0 | 13.0 | | |
| 19 05 76 0945 | | .3 | | 0.034 | 0.001 | 0.002 | 0.510 | 0.004 | 0.301 | 295.0 | 13.0 | | |
| 21 06 76 1245 | | .3 | | 0.040 | 0.004 | 0.004 | 0.480 | 0.013 | 0.472 | 332.0 | 11.5 | | |
| 19 07 76 1000 | | .3 | | 0.026 | 0.005 | 0.022 | 0.370 | 0.004 | 0.391 | 326.0 | 6.0 | | |
| 19 08 76 1630 | | .3 | | 0.044 | 0.007 | 0.018 | 0.440 | 0.004 | 0.156 | 298.0 | 12.0 | | |
| 16 09 76 1550 | | .3 | | 0.024 | 0.005 | 0.004 | 0.360 | 0.004 | 0.316 | 274.0 | 5.6 | | |
| 14 10 76 1535 | | .3 | | 0.024 | 0.004 | 0.002L | 0.310 | 0.003 | 0.292 | 297.0 | 3.3 | | |
| 10 11 76 1130 | | .3 | | 0.012 | 0.005 | 0.006 | 0.330 | 0.003 | 0.517 | 302.0 | 3.0 | | |
| 06 12 76 0845 | | .3 | | 0.006 | 0.002 | 0.028 | 0.270 | 0.004 | 0.796 | 305.0 | 7.8 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

| | | | | | | | |
|-------|-------|--------|-------|-------|-------|-------|------|
| 0.051 | 0.009 | 0.030 | 0.540 | 0.013 | 0.880 | 332.0 | 22.0 |
| 0.028 | 0.004 | 0.014D | 0.405 | 0.005 | 0.493 | 307.3 | 9.3 |
| 0.006 | 0.001 | 0.002 | 0.270 | 0.003 | 0.156 | 274.0 | 3.0 |

NO OF SAMPLES

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
|----|----|----|----|----|----|----|----|

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-----------------|----------------------|---------------|---------------|---------------------------|--------------|---------------------|-----------|-----------------|-----------------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 06 01 76 1000 | | .3 | | 540 | 3.00 | 15.5 | | | | | | | |
| 09 03 76 1010 | | .3 | | 440 | 5.50 | 15.5 | | | | | | | |
| 13 04 76 1108 | | .3 | | 455 | 4.10 | 17.0 | | | | | | | |
| 19 05 76 0945 | | .3 | | 460 | 2.40 | 135.0 | | | | | | | |
| 21 06 76 1245 | | .3 | | 455 | 3.50 | 16.0 | | | | | | | |
| 19 07 76 1000 | | .3 | | 450 | 2.10 | 16.0 | | | | | | | |
| 19 08 76 1630 | | .3 | | 440 | 3.80 | 13.5 | | | | | | | |
| 16 09 76 1550 | | .3 | | 455 | 2.00 | 15.0 | | | | | | | |
| 14 10 76 1535 | | .3 | | 485 | 2.20 | 15.5 | | | | | | | |
| 10 11 76 1130 | | .3 | | 500 | 3.00 | 16.0 | | | | | | | |
| 06 12 76 0845 | | .3 | | 510 | 2.20 | 15.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

| | | |
|-----|------|-------|
| 540 | 5.50 | 135.0 |
| 472 | 3.07 | 26.4 |
| 440 | 2.00 | 13.5 |

NO OF SAMPLES

| | | |
|----|----|----|
| 11 | 11 | 11 |
|----|----|----|

B.O.W./ SITE: DON RIVER
 SAMPLE POINT: LAKESHORE ROAD TORONTO
 STATION TYPE: RIVER FLOW GAUGE FED 02HC024

STATION ID: 06-0085-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DON RIVER

STORET CODE: 02
 004
 4050

STN NO 1 LAT LONG U.T.M. 17 0633250.0 4834200.0 4 REGION 03 MILEAGE 0.10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1030 | | | .3 | | 30501 | 9 | 64.4 | 130. | 10. | 1000. | L | 2.0 | 7.0 | 11.0 |
| 16 | 02 | 76 | 1040 | | | .3 | | 30520 | 9 0 | | 6000. | 1300. | | | 2.0 | 11.5 | 7.5 |
| 15 | 03 | 76 | 1045 | | | .3 | | 30539 | 6 | 178. | | | | | 3.0 | 10.0 | 1.6 |
| 12 | 04 | 76 | 0910 | | | .3 | | 30558 | 6 | 74.9 | 10. | 10. | 10. | L | 4.5 | 10.0 | 1.8 |
| 10 | 05 | 76 | 0940 | | | .3 | | 30577 | 6 | 118. | 2200. | 10. | 100. | | 11.0 | 8.0 | 4.4 |
| 12 | 05 | 76 | 1130 | | | .3 | | 27223 | 6 | 174. | 14500. | 790. | 1250. | 5. | 10.2 | 8.9 | 4.2 |
| 15 | 06 | 76 | 0920 | | | .3 | | 30596 | 9 6 | 80.6 | 72000. | 180. | | | 21.0 | 5.9 | 9.0 |
| 24 | 06 | 76 | 1922 | | | .3 | | 27325 | 6 | 63.9 | 13000E+1 | 400. | 500. | | 22.0 | 5.0 | 9.0 |
| 16 | 07 | 76 | 1000 | | | .3 | | 30615 | 6 | | | | | | 21.5 | 5.7 | 6.0 |
| 23 | 07 | 76 | 1250 | | | .3 | | 27352 | 6 | 75.4 | 5000. | | 10. | | 20.5 | 7.0 | 4.5 |
| 17 | 08 | 76 | 1015 | | | .3 | | 30634 | 6 | 66.4 | 1000. | 1. | 100. | L | 18.5 | 7.0 | 6.0 |
| 20 | 08 | 76 | 1015 | | | .3 | | 27409 | 6 8 9 | 60.9 | 1400. | | 520. | | 21.5 | 8.5 | 9.0 |
| 10 | 09 | 76 | 1215 | | | .3 | | 27465 | 6 9 | 300. | 19000E+1 | 6400. | 11000. | | 17.9 | 9.6 | 6.8 |
| 15 | 09 | 76 | 0907 | | | .3 | | 30653 | 6 | | 84000. | 640. | 272. | | 18.2 | 7.0 | 6.8 |
| 14 | 10 | 76 | 0910 | | | .3 | | 30672 | 6 9 | 65.0 | 390. | 1. | 10. | | 12.1 | 8.4 | 7.8 |
| 19 | 10 | 76 | 0830 | | | .3 | | 27524 | 6 9 | 67.7 | 10. | 1. | 100. | L | 8.5 | 9.6 | 7.4 |
| 08 | 11 | 76 | 0805 | | | .3 | | 27581 | 6 9 | 66.8 | 1000. | 100. | 100. | L | 3.0 | 9.2 | 4.2 |
| 15 | 11 | 76 | 0920 | | | .3 | | 30691 | 6 9 | 60.9 | 10. | 1. | 4. | | 4.7 | 10.7 | 7.8 |
| 16 | 12 | 76 | 0944 | | | .3 | | 30710 | 6 9 | 66.3 | 7000. | 100. | 900. | | 2.1 | 12.1 | 3.2 |
| | | | 1400 | | | .3 | | 27681 | 6 | 66.3 | 1200. | 10. | 130. | | 4.0 | 15.2 | 5.5 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1030 | | | .3 | | 0.490 | 0.290 | 6.500 | 6.500 | 0.110 | 1.700 | 2022.0 | 11.0 | | |
| 16 | 02 | 76 | 1040 | | | .3 | | 0.730 | 0.120 | 1.130 | 2.740 | 0.057 | 1.940 | 931.0 | 312.0 | | |
| 15 | 03 | 76 | 1045 | | | .3 | | 0.184 | 0.080 | 1.180 | 1.880 | 0.048 | 3.600 | | | | |
| 12 | 04 | 76 | 0910 | | | .3 | | 0.215 | 0.100 | 3.840 | 4.200 | 0.110 | 2.490 | | | | |
| 10 | 05 | 76 | 0940 | | | .3 | | 0.195 | 0.110 | 960. | 1.870 | 0.110 | 2.990 | | | | |
| 12 | 05 | 76 | 1130 | | | .3 | | 0.175 | 0.094 | 0.820 | 1.500 | 0.091 | 1.810 | 516.0 | 47.0 | 469 | |
| 15 | 06 | 76 | 0920 | | | .3 | | 0.340 | 0.120 | 1.580 | 2.960 | 0.220 | 1.580 | | | | |
| 24 | 06 | 76 | 1922 | | | .3 | | 0.450 | 0.250 | 2.740 | 3.300 | 0.590 | 2.040 | 770.0 | 30.0 | 740 | |
| 16 | 07 | 76 | 1000 | | | .3 | | 0.630 | 0.300 | 1.500 | 2.460 | 0.025 | 3.470 | | | | |
| 23 | 07 | 76 | 1250 | | | .3 | | 0.380 | 0.250 | 2.240 | 3.420 | 0.110 | 1.490 | 722.0 | 22.0 | | |
| 17 | 08 | 76 | 1015 | | | .3 | | 0.322 | 0.170 | 1.700 | 2.560 | 0.450 | 603.0 | 65.0 | 538 | | |
| 20 | 08 | 76 | 1015 | | | .3 | | 0.430 | 0.240 | 1.980 | 3.500 | 0.530 | 2.200 | 650.0 | 23.0 | | |
| 10 | 09 | 76 | 1215 | | | .3 | | 0.300 | 0.080 | 0.200 | 1.250 | 0.220 | 2.020 | 725.0 | 38.0 | 687 | |
| 15 | 09 | 76 | 0907 | | | .3 | | 0.420 | 0.260 | 3.000 | 4.400 | 0.600 | 1.300 | 379.0 | 83.0 | 296 | |
| 14 | 10 | 76 | 0910 | | | .3 | | 0.370 | 0.290 | 3.600 | 4.800 | 0.280 | 1.820 | 627.0 | 18.0 | | |
| 19 | 10 | 76 | 0830 | | | .3 | | 0.370 | 0.280 | 5.050 | 5.900 | 0.190 | 1.710 | 649.0 | 6.0 | 643 | |
| 08 | 11 | 76 | 0805 | | | .3 | | 0.485 | 0.320 | 5.500 | 6.350 | 0.160 | 1.440 | 638.0 | 6.7 | 631 | |
| 15 | 11 | 76 | 0920 | | | .3 | | 0.530 | 0.410 | 5.400 | 5.900 | 0.150 | 1.200 | | | | |
| 16 | 12 | 76 | 0944 | | | .3 | | 0.260 | 0.145 | 5.450 | 6.100 | 0.095 | 1.350 | | | | |
| | | | 1400 | | | .3 | | 0.190 | 0.100 | 4.400 | 4.900 | 0.080 | 1.220 | 1829.0 | 32.0 | 1797 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1030 | | | .3 | | 3500 | 14.00 | 900.0 | | | | | | | |
| 16 | 02 | 76 | 1040 | | | .3 | | 1040 | 24.00 | 230.0 | | | | | | | |
| 15 | 03 | 76 | 1045 | | | .3 | | 1430 | 17.00 | 285.0 | | | | | | | |
| 12 | 04 | 76 | 0910 | | | .3 | | 1300 | 5.60 | 235.0 | | | | | | | |
| 10 | 05 | 76 | 0940 | | | .3 | | 1250 | 7.9 | 190. | | | | | | | |
| 12 | 05 | 76 | 1130 | | | .3 | | 750 | 52.00 | 110.0 | 52.0 | 3.05 | | | | | |
| 15 | 06 | 76 | 0920 | | | .3 | | 720 | 64.00 | 108.0 | | | | | 8.02 | | 2.700 |
| 24 | 06 | 76 | 1922 | | | .3 | | 1100 | 16.00 | 173.0 | 60.0 | 5.50 | | | 7.81 | | 1.250 |
| 16 | 07 | 76 | 1000 | | | .3 | | 1050 | 38.00 | 170.0 | | | | | | | |
| 23 | 07 | 76 | 1250 | | | .3 | | 920 | 35.00 | 15.5 | 55.0 | 1.25 | | | 7.91 | | 2.300 |
| 17 | 08 | 76 | 1015 | | | .3 | | 1020 | 21.00 | 150.0 | | | | | | | |
| 20 | 08 | 76 | 1015 | | | .3 | | 1030 | 20.00 | 155.0 | 63.0 | 4.45 | | | 7.65 | | 1.100 |
| 10 | 09 | 76 | 1215 | | | .3 | | 495 | 84.00 | 71.0 | 31.5 | 2.05 | | | 7.86 | | 3.500 |
| 15 | 09 | 76 | 0907 | | | .3 | | 1020 | 11.00 | 320.0 | | | | | | | |
| 14 | 10 | 76 | 0910 | | | .3 | | 1060 | 7.50 | 150.0 | | | | | | | |
| 19 | 10 | 76 | 0830 | | | .3 | | 1080 | 7.00 | 172.0 | 77.0 | 4.25 | | | 7.65 | | 0.540 |
| 08 | 11 | 76 | 0805 | | | .3 | | 1060 | 6.50 | 150.0 | 63.0 | 4.15 | | | 8.00 | | 0.710 |
| 15 | 11 | 76 | 0920 | | | .3 | | 1060 | 9.00 | 145.0 | | | | | | | |
| 16 | 12 | 76 | 0944 | | | .3 | | 3200 | 22.00 | 875.0 | | | | | | | |
| | | | 1400 | | | .3 | | 3200 | 24.00 | 825.0 | 73.0 | 5.00 | | | 8.00 | | 1.040 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 13 | 01 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 16 | 02 | 76 | 1040 | | | .3 | | | | | | | | | | | |
| 15 | 03 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 0910 | | | .3 | | | | | | | | | | | |
| 10 | 05 | 76 | 0940 | | | .3 | | | | | | | | | | | |
| 12 | 05 | 76 | 1130 | | | .3 | | 100.0 | | | | | | | 11 | 34 | 2 |
| 15 | 06 | 76 | 0920 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1922 | | | .3 | | 4.0 | | | | | | | 7 | 41 | |
| 16 | 07 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | 10 | 37 | |
| 17 | 08 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 20 | 08 | 76 | 1015 | | | .3 | | 1.0 | | | | | | | 17 | 24 | |
| 10 | 09 | 76 | 1215 | | | .3 | | 2.0 | | | | | | | 8 | 19 | 0 |
| 15 | 09 | 76 | 0907 | | | .3 | | | | | | | | | | | |
| 14 | 10 | 76 | 0910 | | | .3 | | | | | | | | | | | |
| 19 | 10 | 76 | 0830 | | | .3 | | 25.0 | | | | | | | 9 | 37 | |
| 08 | 11 | 76 | 0805 | | | .3 | | 2.0 | | | | | | | 11 | 38 | |
| 15 | 11 | 76 | 0920 | | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 0944 | | | .3 | | | | | | | | | | | |
| | | | 1400 | | | .3 | | 6.0 | | | | | | | 4 | 120 | 0 |

MAXIMUM 100.0
AVG OR GEOM MN (*) 17.60
MINIMUM 1.0

NO OF SAMPLES 8

17 120 2
10 44 1
4 19 0
8 8 3

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 05 | 76 | 1130 | | | .3 | | 0.001 | 0.020L | | 0.020L | 0.020 | 0.040 | 0.010L | 0.100 | | 0.020 |
| 10 | 09 | 76 | 1215 | | | .3 | | 0.001 | 0.040 | | 0.010 | 0.020 | 0.030 | 0.010L | 0.050 | | 0.010L |
| 16 | 12 | 76 | 1400 | | | .3 | | 0.001 | 0.030 | | 0.010L | 0.020 | 0.010L | 0.005L | 0.080 | | 0.020 |
| MAXIMUM | | | | | | | | 0.001 | 0.040 | | 0.020 | 0.020 | 0.040 | 0.010 | 0.100 | | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001 | 0.0300 | | 0.0130 | 0.020 | 0.0270 | 0.0080 | 0.077 | | 0.0170 |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.020 | 0.010 | 0.005 | 0.050 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W. / SITE: DON RIVER WEST
SAMPLE POINT: SHEPPARD AVE TORONTO
STATION TYPE: RIVER FLOW GAUGE FED 02HC005

STATION ID: 06-0085-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STORET CODE: 02
004
4050

STN NO 2 LAT LONG U.T.M. 17 0626875.0 4845350.0 4 REGION 03 MILEAGE 13.80

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1120 | | | .3 | | 30503 | 6 4 | 9.10 | 1300. | 200. | 200. | | 1.0 | 10.0 | 4.0 |
| 16 | 02 | 76 | 1140 | | | .3 | | 30522 | 6 | 91.80 | 4000. | 1100. | 1100. | | 2.0 | 11.5 | 6.0 |
| 15 | 03 | 76 | 1120 | | | .3 | | 30541 | 6 | 44.60 | | | | | 1.0 | 14.0 | 0.8 |
| 12 | 04 | 76 | 0940 | | | .3 | | 30560 | 6 | 13.50 | 1100. | 60. | 40. | | 3.0 | 11.0 | 1.2 |
| 10 | 05 | 76 | 1040 | | | .3 | | 30579 | 6 | 26.10 | 800. | 100. | 100. | L | 12.0 | 14.0 | 1.4 |
| 15 | 06 | 76 | 1025 | | | .3 | | 30598 | 6 | 16.40 | 20000. | 150. | 250. | | 22.0 | 6.5 | 9.0 |
| 16 | 07 | 76 | 1115 | | | .3 | | 30617 | 6 | | | | | | 20.5 | 7.3 | 3.2 |
| 17 | 08 | 76 | 1242 | | | .3 | | 30636 | 6 | 13.20 | 2500. | 1. | 1500. | G | 21.2 | 12.2 | 3.2 |
| 15 | 09 | 76 | 1022 | | | .3 | | 30655 | 6 | 7.40 | 5000. | 132. | 100. | L | 17.5 | 8.7 | 6.4 |
| 14 | 10 | 76 | 1026 | | | .3 | | 30674 | 6 | 9.80 | 3200. | 476. | 550. | | 2.1 | 13.1 | 5.2 |
| 15 | 11 | 76 | 1026 | | | .3 | | 30693 | 6 | 7.40 | 7000. | 300. | 400. | | 2.1 | 13.1 | 3.7 |
| 16 | 12 | 76 | 1104 | | | .3 | | 30712 | 6 | 8.00 | 81000. | 700. | 1100. | | 1.0 | 12.8 | 8.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

91.80 81000. 1100. 1500. 0.00 22.0 14.0 9.0
22.48 4283.* 139.* 309.* E 1.* 8.8 11.2 4.3
7.40 800. 1. 40. 0. 1.0 6.5 0.8
11 10 10 10 1 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1120 | | | .3 | | 0.160 | 0.012 | 2.000 | 3.400 | 0.068 | 1.100 | 1251.0 | 15.0 | | |
| 16 | 02 | 76 | 1140 | | | .3 | | 0.460 | 0.090 | 0.410 | 2.020 | 0.054 | 1.750 | 692.0 | 167.0 | | |
| 15 | 03 | 76 | 1120 | | | .3 | | 0.150 | 0.038 | 0.540 | 1.320 | 0.032 | 3.320 | | | | |
| 12 | 04 | 76 | 0940 | | | .3 | | 0.156 | 0.027 | 2.020 | 3.480 | 0.056 | 1.550 | | | | |
| 10 | 05 | 76 | 1040 | | | .3 | | 0.093 | 0.026 | 0.238 | 1.030 | 0.060 | 2.070 | | | | |
| 15 | 06 | 76 | 1025 | | | .3 | | 0.294 | 0.090 | 0.720 | 2.540 | 0.340 | 1.560 | | | | |
| 16 | 07 | 76 | 1115 | | | .3 | | 0.284 | 0.086 | 0.050 | 1.880 | 0.490 | 1.010 | 467.0 | 27.0 | | |
| 17 | 08 | 76 | 1242 | | | .3 | | 0.285 | 0.089 | 0.291 | 1.650 | 0.260 | 1.490 | 658.0 | 48.0 | | |
| 15 | 09 | 76 | 1022 | | | .3 | | 0.266 | 0.120 | 1.600 | 3.750 | 0.560 | 1.170 | 722.0 | 28.0 | | |
| 14 | 10 | 76 | 1026 | | | .3 | | 0.242 | 0.068 | 1.480 | 3.140 | 0.150 | 0.730 | | | | |
| 15 | 11 | 76 | 1026 | | | .3 | | 0.288 | 0.051 | 0.960 | 2.160 | 0.066 | 0.984 | | | | |
| 16 | 12 | 76 | 1104 | | | .3 | | 0.159 | 0.010 | 1.280 | 2.900 | 0.110 | 0.730 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

0.460 0.120 2.020 3.750 0.560 3.320 1251.0 167.0
0.236 0.059 0.966 2.439 0.187 1.457 758.0 57.0
0.093 0.010 0.050 1.030 0.032 0.730 467.0 15.0
12 12 12 12 12 5 5

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1120 | | | .3 | | 2100 | 17.00 | 475.0 | | | | | | | |
| 16 | 02 | 76 | 1140 | | | .3 | | 900 | 82.00 | 185.0 | | | | | | | |
| 15 | 03 | 76 | 1120 | | | .3 | | 980 | 17.00 | 160.0 | | | | | | | |
| 12 | 04 | 76 | 0940 | | | .3 | | 1100 | 15.00 | 175.0 | | | | | | | |
| 10 | 05 | 76 | 1040 | | | .3 | | 1000 | 7.6 | 130. | | | | | | | |
| 15 | 06 | 76 | 1025 | | | .3 | | 820 | 35.00 | 128.0 | | | | | | | |
| 16 | 07 | 76 | 1115 | | | .3 | | 850 | 19.00 | 125.0 | | | | | | | |
| 17 | 08 | 76 | 1242 | | | .3 | | 945 | 36.00 | 135.0 | | | | | | | |
| 15 | 09 | 76 | 1022 | | | .3 | | 1100 | 25.00 | 385.0 | | | | | | | |
| 14 | 10 | 76 | 1026 | | | .3 | | 1040 | 35.00 | 140.0 | | | | | | | |
| 15 | 11 | 76 | 1026 | | | .3 | | 1030 | 34.00 | 115.0 | | | | | | | |
| 16 | 12 | 76 | 1104 | | | .3 | | 3300 | 22.00 | 925.0 | | | | | | | |

MAXIMUM 3300 82.00 925.0
 AVG OR GEOM MN (*) 1264 28.72 256.5
 MINIMUM 820 7.6 115.0
 NO OF SAMPLES 12 12 12

B.O.W./ SITE: DON RIVER EAST
 SAMPLE POINT: BAYVIEW AND STEELES AVE TORONTO
 STATION TYPE: RIVER

STATION ID: 06-0085-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DON RIVER

STORET CODE: 02
 004
 4050

STN NO 3 LAT LONG U.T.M. 17 0629000.0 4850925.0 4 REGION 03 MILEAGE 17.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1140 | | | .3 | | 30504 | 4 | | 4400. | 860. | 260. | | 0.5 | 5.0 | 2.4 |
| 16 | 02 | 76 | 1210 | | | .3 | | 30523 | 6 | | 20800. | 8300. | 2700. | | 2.5 | 11.0 | 7.0 |
| 15 | 03 | 76 | 1140 | | | .3 | | 30542 | 6 | | | | | | 2.0 | 15.0 | 1.0 |
| 12 | 04 | 76 | 1000 | | | .3 | | 30561 | 6 | | 15600. | 100. L | 100. L | | 4.0 | 11.0 | 1.0 |
| 10 | 05 | 76 | 1100 | | | .3 | | 30580 | 6 | | 5000. | 600. | 120. | 13. | 11.0 | 10.0 | 2.4 |
| 15 | 06 | 76 | 1040 | | | .3 | | 30599 | 6 | | 21000. | 200. | 500. | | 19.0 | 7.0 | 7.0 |
| 16 | 07 | 76 | 1135 | | | .3 | | 30618 | 6 | | | | | | 19.0 | 7.0 | 3.2 |
| 17 | 08 | 76 | 1228 | | | .3 | | 30637 | 5 | | 55000. | 1. | 320. | | 18.2 | 10.5 | 5.0 |
| 15 | 09 | 76 | 1040 | | | .3 | | 30656 | 6 | | 90000. | 1100. | 880. | | 16.8 | 8.1 | 5.4 |
| 14 | 10 | 76 | 1038 | | | .3 | | 30675 | 6 | | 12000. | 900. | 610. | | 9.9 | 10.1 | 6.0 |
| 15 | 11 | 76 | 1041 | | | .3 | | 30694 | 6 | | 16000E+1 | 1400. | 610. | | 2.5 | 13.6 | 2.9 |
| 16 | 12 | 76 | 1121 | | | .3 | | 30713 | 6 | | 37100. | 4430. | 430. | | 1.0 | 12.6 | 4.8 |

MAXIMUM 16000E+1 8300. 2700. 13. 19.0 15.0 7.0
 AVG OR GEOM MN (*) 23567.* 470.* D 424.* D 13.* 8.9 10.1 4.0
 MINIMUM 4400. 1. 100. 13. 0.5 5.0 1.0
 NO OF SAMPLES 10 10 10 1 12 12 12

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1140 | | | .3 | | 0.190 | 0.070 | 1.200 | 1.600 | 0.072 | 2.500 | 756.0 | | | |
| 16 | 02 | 76 | 1210 | | | .3 | | 0.360 | 0.060 | 1.180 | 2.120 | 0.085 | 2.410 | 727.0 | 16.0 | | |
| 15 | 03 | 76 | 1140 | | | .3 | | 0.228 | 0.080 | 1.560 | 2.340 | 0.041 | 2.910 | | 104.0 | | |
| 12 | 04 | 76 | 1000 | | | .3 | | 0.285 | 0.160 | 0.940 | 1.550 | 0.034 | 2.600 | | | | |
| 10 | 05 | 76 | 1100 | | | .3 | | 0.124 | 0.083 | 0.480 | 1.110 | 0.140 | 1.910 | | | | |
| 15 | 06 | 76 | 1040 | | | .3 | | 0.334 | 0.140 | 0.640 | 1.800 | 0.140 | 1.610 | | | | |
| 16 | 07 | 76 | 1135 | | | .3 | | 0.284 | 0.086 | 0.064 | 0.860 | 0.400 | 1.700 | 570.0 | 110.0 | | |
| 17 | 08 | 76 | 1228 | | | .3 | | 0.180 | 0.065 | 1.060 | 1.940 | 0.210 | 1.940 | 582.0 | 32.0 | | |
| 15 | 09 | 76 | 1040 | | | .3 | | 0.530 | 0.460 | 1.300 | 1.800 | 0.220 | 1.700 | 570.0 | 14.0 | | |
| 14 | 10 | 76 | 1038 | | | .3 | | 0.445 | 0.360 | 0.940 | 1.680 | 0.170 | 2.280 | | | | |
| 15 | 11 | 76 | 1041 | | | .3 | | 0.284 | 0.150 | 0.158 | 0.720 | 0.750 | 2.100 | | | | |
| 16 | 12 | 76 | 1121 | | | .3 | | 0.224 | 0.083 | 0.860 | 1.550 | 0.097 | 1.960 | | | | |

MAXIMUM 0.530 0.460 1.560 2.340 0.750 2.910 756.0 110.0
 AVG OR GEOM MN (*) 0.289 0.150 0.865 1.589 0.197 2.135 641.0 55.2
 MINIMUM 0.124 0.060 0.064 0.720 0.034 1.610 570.0 14.0
 NO OF SAMPLES 12 12 12 12 12 5 5

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1140 | | | .3 | | 1260 | 16.00 | 195.0 | | | | | | | |
| 16 | 02 | 76 | 1210 | | | .3 | | 1050 | 52.00 | 200.0 | | | | | | | |
| 15 | 03 | 76 | 1140 | | | .3 | | 1150 | 15.00 | 185.0 | | | | | | | |
| 12 | 04 | 76 | 1000 | | | .3 | | 1050 | 5.30 | 150.0 | | | | | | | |
| 10 | 05 | 76 | 1100 | | | .3 | | 950 | 7.0 | 110. | | | | | | | |
| 15 | 06 | 76 | 1040 | | | .3 | | 860 | 56.00 | 98.0 | | | | | | | |
| 16 | 07 | 76 | 1135 | | | .3 | | 690 | 58.00 | 82.0 | | | | | | | |
| 17 | 08 | 76 | 1228 | | | .3 | | 900 | 23.00 | 94.0 | | | | | | | |
| 15 | 09 | 76 | 1040 | | | .3 | | 900 | 8.40 | 205.0 | | | | | | | |
| 14 | 10 | 76 | 1038 | | | .3 | | 940 | 25.00 | 105.0 | | | | | | | |
| 15 | 11 | 76 | 1041 | | | .3 | | 880 | 16.00 | 88.0 | | | | | | | |
| 16 | 12 | 76 | 1121 | | | .3 | | 1320 | 27.00 | 245.0 | | | | | | | |

MAXIMUM 1320 58.00 245.0
 AVG OR GEOM MN (*) 996 25.73 146.4
 MINIMUM 690 5.30 82.0
 NO OF SAMPLES 12 12 12

B.O.W. / SITE: DON RIVER WEST
 SAMPLE POINT: HIGHWAY 7 WEST OF CONCORD
 STATION TYPE: RIVER FLOW GAUGE FED 02HC031

STATION ID: 05-0085-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DON RIVER

STORET CODE: 02
 004
 4050

| STN NO | 4 | LAT | LONG | U.T.M. 17 0622000.0 4850999.0 4 | REGION 03 | MILEAGE | 19.80 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 13 01 76 1250 | | | .3 | | 30506 | 6 | 2.80 | 10. L | 10. L | 10. L | | 4.5 | 8.5 | 10.0 |
| 16 02 76 1310 | | | .3 | | 30525 | 6 | 120.00 | 4. | 1. | 490. | | 2.0 | 10.0 | 7.0 |
| 15 03 76 1240 | | | .3 | | 30544 | 6 | 78.90 | | | | | 2.0 | 13.0 | 6.0 |
| 12 04 76 1040 | | | .3 | | 30563 | 6 | 6.50 | 10. L | 10. L | 10. L | | 5.0 | 10.0 | 8.0 |
| 10 05 76 1130 | | | .3 | | 30582 | 6 | 36.70 | 4. | 1. | 100. | 2. | 13.0 | 10.0 | 4.8 |
| 15 06 76 1125 | | | .3 | | 30601 | 6 | 5.10 | 40000. | 424. | 168. | | 22.0 | 7.0 | 8.0 |
| 16 07 76 1220 | | | .3 | | 30620 | 6 7 3 | | | | | | 21.5 | 1.2 | 20.0 |
| 17 08 76 1325 | | | .3 | | 30639 | 5 7 | 3.90 | 15000. | 1. | 470. | | 22.0 | 7.4 | 9.5 |
| 15 09 76 1106 | | | .3 | | 30658 | 7 5 | 1.20 | 1000. | 8. | 10. | | 19.2 | 6.1 | 12.0 |
| 14 10 76 1123 | | | .3 | | 30677 | 5 7 | 7.00 | 1. | 1. | 10. L | | 11.3 | 7.5 | 15.0 |
| 15 11 76 1106 | | | .3 | | 30696 | 7 6 | 2.90 | 4. | 1. | 8. | | 3.5 | 12.1 | 4.7 |
| 16 12 76 1100 | | | .3 | | 30715 | 6 | 2.30 | 600. | 10. | 210. | | 3.5 | 11.1 | 17.0 |
| MAXIMUM | | | | | | | 120.00 | 40000. | 424. | 490. | 2. | 22.0 | 13.0 | 20.0 |
| AVG OR GEOM MN (*) | | | | | | | 24.30 | 69.* D | 4.* D | 48.* D | 2.* | 10.8 | 8.7 | 10.2 |
| MINIMUM | | | | | | | 1.20 | 1. | 1. | 8. | 2. | 2.0 | 1.2 | 4.7 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 10 | 10 | 1 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 13 01 76 1250 | | | .3 | | 0.690 | 0.021 | 8.000 | 15.000 | 0.075 | 1.300 | 1607.0 | 26.0 | | |
| 16 02 76 1310 | | | .3 | | 0.690 | 0.190 | 2.300 | 5.100 | 0.052 | 1.800 | 1061.0 | 42.0 | | |
| 15 03 76 1240 | | | .3 | | 0.320 | 0.081 | 3.240 | 5.000 | 0.057 | 4.340 | | | | |
| 12 04 76 1040 | | | .3 | | 0.362 | 0.063 | 7.200 | 9.700 | 0.051 | 1.900 | | | | |
| 10 05 76 1130 | | | .3 | | 0.270 | 0.049 | 0.960 | 2.400 | 0.033 | 2.470 | | | | |
| 15 06 76 1125 | | | .3 | | 0.332 | 0.020 | 3.700 | 10.400 | 0.140 | 1.410 | | | | |
| 16 07 76 1220 | | | .3 | | 2.050 | 0.875 | 4.800 | 10.400 | 0.006 | 0.009 | 748.0 | 28.0 | | |
| 17 08 76 1325 | | | .3 | | 0.770 | 0.120 | 2.680 | 7.250 | 0.047 | 0.163 | 665.0 | 35.0 | | |
| 15 09 76 1106 | | | .3 | | 0.560 | 0.120 | 4.700 | 13.500 | 0.033 | 0.372 | 699.0 | 21.0 | | |
| 14 10 76 1123 | | | .3 | | 0.875 | 0.310 | 1.000 | 9.600 | 0.038 | 2.460 | | | | |
| 15 11 76 1106 | | | .3 | | 0.234 | 0.041 | 2.020 | 3.020 | 0.039 | 0.741 | | | | |
| 16 12 76 1100 | | | .3 | | 0.230 | 0.013 | 2.880 | 6.600 | 0.120 | 1.330 | | | | |
| MAXIMUM | | | | | 2.050 | 0.875 | 8.000 | 15.000 | 0.140 | 4.340 | 1607.0 | 42.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.615 | 0.159 | 3.623 | 8.164 | 0.058 | 1.525 | 956.0 | 30.4 | | |
| MINIMUM | | | | | 0.230 | 0.013 | 0.960 | 2.400 | 0.006 | 0.009 | 665.0 | 21.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 5 | 5 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 13 01 76 1250 | | | .3 | | 2350 | 24.00 | 580.0 | | | | | | | |
| 16 02 76 1310 | | | .3 | | 1650 | 28.00 | 380.0 | | | | | | | |
| 15 03 76 1240 | | | .3 | | 1050 | 20.00 | 170.0 | | | | | | | |
| 12 04 76 1040 | | | .3 | | 1100 | 14.00 | 175.0 | | | | | | | |
| 10 05 76 1130 | | | .3 | | 1100 | 7.5 | 155. | | | | | | | |
| 15 06 76 1125 | | | .3 | | 1080 | 16.00 | 195.0 | | | | | | | |
| 16 07 76 1220 | | | .3 | | 1140 | 10.00 | 195.0 | | | | | | | |
| 17 08 76 1325 | | | .3 | | 1000 | 25.00 | 145.0 | | | | | | | |
| 15 09 76 1106 | | | .3 | | 1100 | 18.00 | 195.0 | | | | | | | |
| 14 10 76 1123 | | | .3 | | 1120 | 28.00 | 160.0 | | | | | | | |
| 15 11 76 1106 | | | .3 | | 1000 | 22.00 | 125.0 | | | | | | | |
| 16 12 76 1100 | | | .3 | | 4000 | 8.50 | 1125.0 | | | | | | | |
| MAXIMUM | | | | | 4000 | 28.00 | 1125.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1474 | 18.42 | 300.0 | | | | | | | |
| MINIMUM | | | | | 1000 | 7.5 | 125.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: GERMAN MILLS CREEK
 SAMPLE POINT: 16TH AVE. DOWNSTREAM FROM RICHMOND HILL STP.
 STATION TYPE: RIVER FLOW GAUGE MOE 02HC101

STATION ID: 06-0085-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DON RIVER

STORET CODE: 02
 004
 4050

| STN NO | 5 | LAT | LONG | U.T.M. 17 0626325.0 4856625.0 4 | REGION 03 | MILEAGE | 22.10 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 16 02 76 1230 | | | .3 | | 30524 | 6 | | 100. | 20. | 10. | L | 3.0 | 11.0 | 11.0 |
| 15 03 76 1155 | | | .3 | | 30543 | 6 | | | | | | 2.0 | 14.0 | 2.2 |
| 12 04 76 1010 | | | .3 | | 30562 | 6 | | 10. L | 10. L | 10. L | | 7.0 | 10.0 | 0.8 |
| 10 05 76 1115 | | | .3 | | 30581 | 6 | | 270. | 4. | 8. | | 15.0 | 8.0 | 6.0 |
| 15 06 76 1055 | | | .3 | | 30600 | 6 | 10000. | | 1. | 64. | 2. | 21.0 | 8.3 | 7.0 |
| 16 07 76 1150 | | | .3 | | 30619 | 6 | | | | | | 21.0 | 5.0 | 32.0 |
| 17 08 76 1312 | | | .3 | | 30638 | 6 0 | 5300. | | 1. | 216. | | 23.2 | 8.6 | 7.0 |
| 15 09 76 1055 | | | .3 | | 30657 | 6 | 10000. | | 152. | 600. | G | 19.7 | 6.4 | 6.0 |
| 14 10 76 1055 | | | .3 | | 30676 | 0 9 | 31000. | | 600. | G | 1050. | 9.4 | 7.4 | 7.6 |
| 15 11 76 1054 | | | .3 | | 30695 | 6 0 | 21000E+2 | 17000. | | 11000. | | 6.9 | 7.9 | 30.0 |
| 16 12 76 1139 | | | .3 | | 30714 | 6 0 | 1500. G | 720. | | 720. | | 9.0 | 7.0 | 7.5 |
| MAXIMUM | | | | | | | | 21000E+2 | 17000. | 11000. | | 23.2 | 14.0 | 32.0 |
| AVG OR GEOM MN (*) | | | | | | | | 2887. * E | 46. * E | 156. * E | 2. * | 12.5 | 8.5 | 10.6 |
| MINIMUM | | | | | | | | 10. | 1. | 8. | 2. | 2.0 | 5.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 1 | 11 | 11 | 11 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 02 76 1230 | | | .3 | | 1.650 | 1.250 | 4.600 | 6.900 | 0.330 | 4.870 | 927.0 | 42.0 | | |
| 15 03 76 1155 | | | .3 | | 1.700 | 1.300 | 2.860 | 3.000 | 0.310 | 6.540 | | | | |
| 12 04 76 1010 | | | .3 | | 0.670 | 0.150 | 8.850 | 10.800 | 0.290 | 9.560 | | | | |
| 10 05 76 1115 | | | .3 | | 2.240 | 1.900 | 2.160 | 2.600 | 0.360 | 9.390 | | | | |
| 15 06 76 1055 | | | .3 | | 1.230 | 1.050 | 6.000 | 7.800 | 0.690 | 4.710 | | | | |
| 16 07 76 1150 | | | .3 | | 0.760 | 0.650 | 3.900 | 4.000 | 1.080 | 7.500 | 892.0 | 132.0 | | |
| 17 08 76 1312 | | | .3 | | 1.100 | 1.030 | 2.500 | 3.800 | 1.550 | 6.250 | 907.0 | 9.1 | | |
| 15 09 76 1055 | | | .3 | | 1.620 | 1.600 | 5.400 | 5.600 | 1.880 | 2.730 | 689.0 | 4.8 | | |
| 14 10 76 1055 | | | .3 | | 0.440 | 0.060 | 1.400 | 4.700 | 0.140 | 0.710 | | | | |
| 15 11 76 1054 | | | .3 | | 4.150 | 3.900 | 20.100 | 22.500 | 0.340 | 0.770 | | | | |
| 16 12 76 1139 | | | .3 | | 1.000 | 0.080 | 13.000 | 14.800 | 0.600 | 2.350 | | | | |
| MAXIMUM | | | | | 4.150 | 3.900 | 20.100 | 22.500 | 1.880 | 9.560 | 927.0 | 132.0 | | |
| AVG OR GEOM MN (*) | | | | | 1.505 | 1.179 | 6.434 | 7.864 | 0.688 | 5.035 | 853.8 | 47.0 | | |
| MINIMUM | | | | | 0.440 | 0.060 | 1.400 | 2.600 | 0.140 | 0.710 | 689.0 | 4.8 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 16 02 76 1230 | | | .3 | | 1440 | 20.00 | 240.0 | | | | | | | |
| 15 03 76 1155 | | | .3 | | 1600 | 12.00 | 300.0 | | | | | | | |
| 12 04 76 1010 | | | .3 | | 1450 | 10.00 | 230.0 | | | | | | | |
| 10 05 76 1115 | | | .3 | | 1350 | 6.6 | 185. | | | | | | | |
| 15 06 76 1055 | | | .3 | | 1300 | 5.50 | 185.0 | | | | | | | |
| 16 07 76 1150 | | | .3 | | 1240 | 19.00 | 190.0 | | | | | | | |
| 17 08 76 1312 | | | .3 | | 1470 | 3.80 | 240.0 | | | | | | | |
| 15 09 76 1055 | | | .3 | | 1160 | 2.60 | 160.0 | | | | | | | |
| 14 10 76 1055 | | | .3 | | 1180 | 17.00 | 160.0 | | | | | | | |
| 15 11 76 1054 | | | .3 | | 1340 | 40.00 | 175.0 | | | | | | | |
| 16 12 76 1139 | | | .3 | | 1900 | 4.00 | 320.0 | | | | | | | |
| MAXIMUM | | | | | 1900 | 40.00 | 320.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1403 | 12.77 | 216.8 | | | | | | | |
| MINIMUM | | | | | 1160 | 2.60 | 160.0 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: DON RIVER
SAMPLE POINT: BAYVIEW EXIT FROM DON VALLEY PARKWAY.
STATION TYPE: RIVER FLOW GAUGE FED 02HC024

TORONTO
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DON RIVER

STATION ID: 06-0085-013-02

STORET CODE: 02
004
4050

| STN NO | 13 | LAT | LONG | U.T.M. 17 0631740.0 4837425.0 4 | REGION 03 | MILEAGE | 2.40 | | | | | | | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 13 01 76 1045 | | | .3 | | 30500 | 6 | 64.40 | 60. | 10. | 100. | L | 3.0 | 9.0 | 3.4 |
| 16 02 76 1025 | | | .3 | | 30519 | 6 | 382.00 | 4000. | 3000. | 1400. | | 2.0 | 8.0 | 6.0 |
| 15 03 76 1050 | | | .3 | | 30538 | 6 | 178.00 | | | | | 3.0 | 11.0 | 2.2 |
| 12 04 76 0920 | | | .3 | | 30557 | 6 | 74.90 | 10. | 10. | 10. | L | 4.5 | 8.0 | 1.6 |
| 10 05 76 0930 | | | .3 | | 30576 | 6 | 118.00 | 120. | 10. | 100. | L | 0. | 10.0 | 1.2 |
| 15 06 76 0900 | | | .3 | | 30595 | 6 | 80.60 | 1600. | 10. | 10. | L | 21.5 | 8.3 | 7.0 |
| 16 07 76 0945 | | | .3 | | 30614 | 6 | | | | | | 20.5 | 7.4 | 12.0 |
| 17 08 76 0956 | | | .3 | | 30633 | 6 | 66.40 | 100. | 1. | 1. | | 18.2 | 8.5 | 5.5 |
| 15 09 76 0854 | | | .3 | | 30652 | 6 | 58.90 | 30. | 1. | 1. | | 17.5 | 8.7 | 7.0 |
| 14 10 76 0901 | | | .3 | | 30671 | 6 | 65.00 | 10. | 1. | 1. | | 11.3 | 9.7 | 4.6 |
| 15 11 76 0908 | | | .3 | | 30690 | 6 | 60.90 | 40. | 4. | 1. | | 3.9 | 12.4 | 3.1 |
| 16 12 76 0931 | | | .3 | | 30709 | 0 6 | 66.30 | 100. | 10. | 20. | | 4.0 | 12.5 | 4.0 |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

| | | | | | | | |
|--------|---------|--------|---------|------|------|------|------|
| 382.00 | 4000. | 3000. | 1400. | 0.00 | 21.5 | 12.5 | 12.0 |
| 110.49 | 94. * D | 8. * D | 11. * D | 1. * | 10.0 | 9.5 | 4.8 |
| 58.90 | 10. | 1. | 1. | 0. | 2.0 | 7.4 | 1.2 |

NO OF SAMPLES

| | | | | | | | |
|----|----|----|----|---|----|----|----|
| 11 | 10 | 10 | 10 | 1 | 12 | 12 | 12 |
|----|----|----|----|---|----|----|----|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1045 | | | .3 | | 0.350 | 0.210 | | 6.100 | 0.094 | 1.700 | 2112.0 | 16.0 | | |
| 16 02 76 1025 | | | .3 | | 0.720 | 0.120 | 1.380 | 2.800 | 0.061 | 2.040 | 954.0 | 372.0 | | |
| 15 03 76 1050 | | | .3 | | 0.235 | 0.079 | 1.160 | 1.900 | 0.046 | 3.900 | | | | |
| 12 04 76 0920 | | | .3 | | 0.255 | 0.125 | 3.900 | 5.100 | 0.092 | 2.510 | | | | |
| 10 05 76 0930 | | | .3 | | 0.210 | 0.150 | 0.980 | 1.890 | 0.088 | 3.060 | | | | |
| 15 06 76 0900 | | | .3 | | 0.344 | 0.180 | 2.060 | 3.260 | 0.210 | 1.490 | | | | |
| 16 07 76 0945 | | | .3 | | 0.740 | 0.330 | 2.820 | 4.100 | 0.900 | 1.400 | 631.0 | 11.0 | | |
| 17 08 76 0956 | | | .3 | | 0.242 | 0.140 | 1.830 | 2.560 | 0.260 | 2.540 | 702.0 | 12.0 | | |
| 15 09 76 0854 | | | .3 | | 0.440 | 0.360 | 3.500 | 4.000 | 0.460 | 1.360 | 347.0 | 8.3 | | |
| 14 10 76 0901 | | | .3 | | 0.300 | 0.240 | 3.340 | 4.200 | 0.250 | 1.900 | | | | |
| 15 11 76 0908 | | | .3 | | 0.400 | 0.300 | 4.850 | 6.150 | 0.230 | 1.520 | | | | |
| 16 12 76 0931 | | | .3 | | 0.260 | 0.115 | 5.750 | 5.800 | 0.095 | 1.130 | | | | |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

| | | | | | | | |
|-------|-------|-------|-------|-------|-------|--------|-------|
| 0.740 | 0.360 | 5.750 | 6.150 | 0.900 | 3.900 | 2112.0 | 372.0 |
| 0.375 | 0.196 | 2.870 | 3.988 | 0.232 | 2.046 | 949.2 | 83.9 |
| 0.210 | 0.079 | 0.980 | 1.890 | 0.046 | 1.130 | 347.0 | 8.3 |

NO OF SAMPLES

| | | | | | | | |
|----|----|----|----|----|----|---|---|
| 12 | 12 | 11 | 12 | 12 | 12 | 5 | 5 |
|----|----|----|----|----|----|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 01 76 1045 | | | .3 | | 3700 | 18.00 | 1000.0 | | | | | | | |
| 16 02 76 1025 | | | .3 | | 1040 | 24.00 | 220.0 | | | | | | | |
| 15 03 76 1050 | | | .3 | | 1350 | 38.00 | 265.0 | | | | | | | |
| 12 04 76 0920 | | | .3 | | 1300 | 7.40 | 230.0 | | | | | | | |
| 10 05 76 0930 | | | .3 | | 1250 | 7.7 | 193. | | | | | | | |
| 15 06 76 0900 | | | .3 | | 830 | 44.00 | 125.0 | | | | | | | |
| 16 07 76 0945 | | | .3 | | 980 | 14.00 | 155.0 | | | | | | | |
| 17 08 76 0956 | | | .3 | | 1120 | 9.00 | 180.0 | | | | | | | |
| 15 09 76 0854 | | | .3 | | 1060 | 6.40 | 350.0 | | | | | | | |
| 14 10 76 0901 | | | .3 | | 1080 | 6.50 | 150.0 | | | | | | | |
| 15 11 76 0908 | | | .3 | | 1080 | 6.60 | 155.0 | | | | | | | |
| 16 12 76 0931 | | | .3 | | 3100 | 26.00 | 800.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

| | | |
|------|-------|--------|
| 3700 | 44.00 | 1000.0 |
| 1491 | 17.30 | 318.6 |
| 830 | 6.40 | 125.0 |

NO OF SAMPLES

| | | |
|----|----|----|
| 12 | 12 | 12 |
|----|----|----|

B.O.W. / SITE: HIGHLAND CREEK
 SAMPLE POINT: HIGHLAND CREEK PARK WEST HILL
 STATION TYPE: RIVER FLOW GAUGE FED 02HCO13

STATION ID: 06-0094-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: HIGHLAND CREEK

STORET CODE: 02
 004
 3910

| STN NO | | 2 | | LAT | | LONG | | U.T.M. 17 0647400.0 4848825.0 4 | | | | REGION 03 | | MILEAGE | | 1.60 | |
|--------------------|-----------|----------|---------------|---------|-----------------|------|--------------------|---------------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|---|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 13 | 01 | 76 | 0955 | | .3 | | 30502 | 4 | 21.00 | 6200. | 1500. | 1000. | L | 0.0 | 7.5 | 1.4 | |
| 16 | 02 | 76 | 1110 | | .3 | | 30521 | 6 | 119.00 | 4000. | 400. | 2500. | | 3.0 | 13.0 | 2.0 | |
| 15 | 03 | 76 | 1005 | | .3 | | 30540 | 6 | 51.70 | | | | | 3.0 | 16.0 | 0.8 | |
| 12 | 04 | 76 | 0840 | | .3 | | 30559 | 6 | 21.80 | 1300. | 10. | 40. | | 1.0 | 14.0 | 0.8 | |
| 10 | 05 | 76 | 1005 | | .3 | | 30578 | 6 | 37.70 | 4000. | 130. | 100. | | 10.0 | 14.0 | 0.8 | |
| 11 | 05 | 76 | 1135 | | .3 | | 27217 | 6 | 135.00 | 27000. | 200. | 730. | | 10.5 | 9.2 | 4.0 | |
| 15 | 06 | 76 | 0950 | | .3 | | 30597 | 6 | 17.40 | 8800. | 10. | 380. | | 19.0 | 7.7 | 1.0 | |
| 25 | 06 | 76 | 1345 | | .3 | | 27326 | 6 | 135.00 | 29000. | 3380. | 1500. | G | 21.0 | 11.0 | 2.2 | |
| 16 | 07 | 76 | 1035 | | .3 | | 30616 | 6 | | | | | | 19.0 | 8.8 | 0.6 | |
| 23 | 07 | 76 | 1220 | | .3 | | 27351 | 6 | 18.30 | 8000. | | 400. | | 18.8 | 12.0 | 0.6 | |
| 17 | 08 | 76 | 1107 | | .3 | | 30635 | 6 | 19.10 | 3100. | 1. | 310. | | 17.8 | 12.1 | 0.6 | |
| 24 | 08 | 76 | 1200 | | .3 | | 27415 | 6 | 15.40 | 1000. | 100. | 30. | | 21.0 | 12.0 | 0.2 | |
| 09 | 09 | 76 | 1000 | | .3 | | 27455 | 6 9 | 24.70 | 3000. | 236. | 250. | | 18.2 | 11.4 | 0.6 | |
| 15 | 09 | 76 | 0945 | | .3 | | 30654 | 6 | 16.80 | 1100. | 168. | 284. | | 15.9 | 10.2 | 0.6 | |
| 14 | 10 | 76 | 0951 | | .3 | | 30673 | 6 | 35.40 | 27000. | 1500. | G 1600. | | 9.1 | 11.7 | 2.4 | |
| 18 | 10 | 76 | 0830 | | .3 | | 27518 | 6 | 16.30 | 1800. | 80. | 60. | | 4.0 | 7.5 | 1.4 | |
| 15 | 11 | 76 | 0956 | | .3 | | 30692 | 6 | 15.30 | 21000. | 400. | 300. | | 1.0 | 14.8 | 1.8 | |
| 22 | 11 | 76 | 1030 | | .3 | | 27600 | 6 | 11.50 | 3400. | 432. | 108. | | 2.2 | 12.8 | 0.6 | |
| 16 | 12 | 76 | 1036 | | .3 | | 30711 | 6 | 20.30 | 12000. | 1280. | 1400. | | 0.5 | 13.5 | 2.6 | |
| | | | 1315 | | .3 | | 27680 | 4 | 20.30 | 17900. | 1060. | 480. | | 1.0 | 16.3 | 6.0 | |
| | | | | | | | | | 135.00 | 29000. | 3380. | 2500. | 1. | 21.0 | 16.3 | 6.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | 39.58 | 5795.* | 191.* E | 331.* E | 1.* | 9.8 | 11.8 | 1.6 | |
| MINIMUM | | | | | | | | | 11.50 | 1000. | 1. | 30. | 1. | 0.0 | 7.5 | 0.2 | |
| NO OF SAMPLES | | | | | | | | | 19 | 18 | 17 | 18 | 1 | 20 | 20 | 20 | |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 13 | 01 | 76 | 0955 | | .3 | | 0.067 | 0.012 | 0.200 | 0.500 | 0.023 | 1.000 | 2285.0 | 32.0 | | | |
| 16 | 02 | 76 | 1110 | | .3 | | 0.360 | 0.080 | 0.256 | 1.000 | 0.043 | 2.010 | 681.0 | 178.0 | | | |
| 15 | 03 | 76 | 1005 | | .3 | | 0.048 | 0.012 | 0.074 | 0.440 | 0.022 | 3.130 | | | | | |
| 12 | 04 | 76 | 0840 | | .3 | | 0.032 | 0.002 | 0.006 | 0.400 | 0.016 | 1.530 | | | | | |
| 10 | 05 | 76 | 1005 | | .3 | | 0.018 | 0.006 | 0.016 | 0.390 | 0.020 | 2.180 | | | | | |
| 11 | 05 | 76 | 1135 | | .3 | | 0.170 | 0.006 | 0.054 | 0.960 | 0.035 | 1.670 | 702.0 | 44.0 | 658 | | |
| 15 | 06 | 76 | 0950 | | .3 | | 0.035 | 0.013 | 0.108 | 0.450 | 0.037 | 0.613 | | | | | |
| 25 | 06 | 76 | 1345 | | .3 | | 0.072 | 0.016 | 0.010 | 0.460 | 0.025 | 0.595 | 309.0 | 29.0 | 280 | | |
| 16 | 07 | 76 | 1035 | | .3 | | 0.038 | 0.012 | 0.032 | 0.440 | 0.023 | 0.792 | 737.0 | 97.0 | | | |
| 23 | 07 | 76 | 1220 | | .3 | | 0.042 | 0.005 | 0.012 | 0.220 | 0.008 | 0.747 | 595.0 | 33.0 | 562 | | |
| 17 | 08 | 76 | 1107 | | .3 | | 0.040 | 0.010 | 0.057 | 0.400 | 0.012 | 0.948 | 661.0 | 22.0 | | | |
| 24 | 08 | 76 | 1200 | | .3 | | 0.016 | 0.004 | 0.014 | 0.320 | 0.010 | 0.625 | 594.0 | 14.0 | | | |
| 09 | 09 | 76 | 1000 | | .3 | | 0.031 | 0.005 | 0.022 | 0.340 | 0.015 | 0.655 | 662.0 | 12.0 | 650 | | |
| 15 | 09 | 76 | 0945 | | .3 | | 0.018 | 0.007 | 0.060 | 0.310 | 0.048 | 0.852 | 580.0 | 4.3 | | | |
| 14 | 10 | 76 | 0951 | | .3 | | 0.054 | 0.004 | 0.010 | 0.540 | 0.014 | 0.606 | | | | | |
| 18 | 10 | 76 | 0830 | | .3 | | 0.011 | 0.004 | 0.016 | 0.220 | 0.017 | 0.563 | 571.0 | 3.9 | 567 | | |
| 15 | 11 | 76 | 0956 | | .3 | | 0.038 | 0.003 | 0.026 | 0.320 | 0.014 | 0.556 | | | | | |
| 22 | 11 | 76 | 1030 | | .3 | | 0.019 | 0.003 | 0.028 | 0.280 | 0.012 | 0.748 | 1041.0 | 4.3 | 1037 | | |
| 16 | 12 | 76 | 1036 | | .3 | | 0.092 | 0.008 | 0.258 | 0.960 | 0.082 | 0.608 | | | | | |
| | | | 1315 | | .3 | | 0.118 | 0.012 | 0.204 | 0.720 | 0.070 | 0.660 | 1940.0 | 128.0 | 1812 | | |
| | | | | | | | MAXIMUM | 0.360 | 0.080 | 0.258 | 1.000 | 0.082 | 3.130 | 2285.0 | 178.0 | 1812 | |
| | | | | | | | AVG OR GEOM MN (*) | 0.066 | 0.011 | 0.073 | 0.484 | 0.027 | 1.054 | 873.7 | 46.3 | 795 | |
| | | | | | | | MINIMUM | 0.011 | 0.002 | 0.006 | 0.220 | 0.008 | 0.556 | 309.0 | 3.9 | 280 | |
| | | | | | | | NO OF SAMPLES | 20 | 20 | 20 | 20 | 20 | 20 | 13 | 13 | 7 | |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 13 | 01 | 76 | 0955 | | .3 | | 3900 | 30.00 | 1020.0 | | | | | | | | |
| 16 | 02 | 76 | 1110 | | .3 | | 860 | 85.00 | 175.0 | | | | | | | | |
| 15 | 03 | 76 | 1005 | | .3 | | 1320 | 7.50 | 255.0 | | | | | | | | |
| 12 | 04 | 76 | 0840 | | .3 | | 1150 | 15.00 | 200.0 | | | | | | | | |
| 10 | 05 | 76 | 1005 | | .3 | | 1150 | 4.2 | 163. | | | | | | | | |
| 11 | 05 | 76 | 1135 | | .3 | | 1050 | 55.00 | 168.0 | 80.0 | 2.40 | | | 8.24 | | 3.500 | |
| 15 | 06 | 76 | 0950 | | .3 | | 850 | 7.00 | 110.0 | | | | | | | | |
| 25 | 06 | 76 | 1345 | | .3 | | 426 | 24.00 | 48.0 | 29.5 | 2.10 | | | 8.08 | | 1.140 | |
| 16 | 07 | 76 | 1035 | | .3 | | 860 | 15.00 | 115.0 | | | | | | | | |
| 23 | 07 | 76 | 1220 | | .3 | | 910 | 21.00 | 8.8 | 75.0 | 2.20 | | | 8.11 | | 0.660 | |
| 17 | 08 | 76 | 1107 | | .3 | | 970 | 37.00 | 130.0 | | | | | | | | |
| 24 | 08 | 76 | 1200 | | .3 | | 940 | 5.80 | 150.0 | 90.0 | 0.35 | | | | | 0.270 | |
| 09 | 09 | 76 | 1000 | | .3 | | 960 | 5.80 | 130.0 | 60.0 | 4.70 | | | 8.12 | | 0.360 | |
| 15 | 09 | 76 | 0945 | | .3 | | 920 | 3.40 | 250.0 | | | | | | | | |
| 14 | 10 | 76 | 0951 | | .3 | | 920 | 24.00 | 110.0 | | | | | | | | |
| 18 | 10 | 76 | 0830 | | .3 | | 1060 | 5.40 | 117.0 | 83.0 | 3.85 | | | 8.00 | | 0.320 | |
| 15 | 11 | 76 | 0956 | | .3 | | 1020 | 7.80 | 135.0 | | | | | | | | |
| 22 | 11 | 76 | 1030 | | .3 | | 1000 | 5.00 | 140.0 | 75.0 | 4.10 | | | 8.11 | | 0.460 | |
| 16 | 12 | 76 | 1036 | | .3 | | 3450 | 45.00 | 975.0 | | | | | | | | |
| | | | 1315 | | .3 | | 3200 | 56.00 | 875.0 | 78.0 | 4.60 | | | 8.00 | | 2.700 | |
| | | | | | | | MAXIMUM | 3900 | 85.00 | 1020.0 | 90.0 | 4.70 | | 8.24 | | 3.500 | |
| | | | | | | | AVG OR GEOM MN (*) | 1346 | 22.95 | 263.7 | 71.3 | 3.04 | | 8.09 | | 1.176 | |
| | | | | | | | MINIMUM | 426 | 3.40 | 8.8 | 29.5 | 0.35 | | 8.00 | | 0.270 | |
| | | | | | | | NO OF SAMPLES | 20 | 20 | 20 | 8 | 8 | | 7 | | | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 13 | 01 | 76 | 0955 | | | .3 | | | | | | | | | | | |
| 16 | 02 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 15 | 03 | 76 | 1005 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 0840 | | | .3 | | | | | | | | | | | |
| 10 | 05 | 76 | 1005 | | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1135 | | | .3 | | 1.0L | | | | | | | 9 | 46 | 0 |
| 15 | 06 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 25 | 06 | 76 | 1345 | | | .3 | | 1.0 | | | | | | | 8 | 24 | |
| 16 | 07 | 76 | 1035 | | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1220 | | | .3 | | 1.0L | | | | | | | 9 | 18 | |
| 17 | 08 | 76 | 1107 | | | .3 | | | | | | | | | | | |
| 24 | 08 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 09 | 76 | 1000 | | | .3 | | 1.0 | | | | | | | | | |
| 15 | 09 | 76 | 0945 | | | .3 | | | | | | | | | 5 | 10 | 0 |
| 14 | 10 | 76 | 0951 | | | .3 | | | | | | | | | | | |
| 18 | 10 | 76 | 0830 | | | .3 | | 1.0 | | | | | | | 5 | 16 | |
| 15 | 11 | 76 | 0956 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1030 | | | .3 | | 18.0 | | | | | | | 13 | 10 | |
| 16 | 12 | 76 | 1036 | | | .3 | | | | | | | | | | | |
| | | | 1315 | | | .3 | | 2.0 | | | | | | | 9 | 110 | 0 |
| MAXIMUM | | | | | | | | 18.0 | | | | | | | 13 | 110 | 0 |
| AVG OR GEOM MN (*) | | | | | | | | 3.30 | | | | | | | 8 | 33 | 0 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 5 | 10 | 0 |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 7 | 7 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 05 | 76 | 1135 | | | .3 | | 0.002 | 0.020L | | 0.030 | 0.050 | 0.130 | 0.010L | 0.150 | | 0.010L |
| 09 | 09 | 76 | 1000 | | | .3 | | 0.001L | 0.030L | | 0.020 | 0.010L | 0.010L | 0.010L | 0.040 | | 0.010L |
| 14 | 10 | 76 | 0951 | | | .3 | | | | | 0.002 | 0.002L | 0.002L | 0.016 | | | |
| 16 | 12 | 76 | 1315 | | | .3 | | 0.001 | 0.030 | | 0.020 | 0.020 | 0.040 | 0.005L | 0.130 | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.030 | | 0.030 | 0.050 | 0.130 | 0.010 | 0.150 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.027D | | 0.023 | 0.021D | 0.046D | 0.008D | 0.084 | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.020 | 0.002 | 0.002 | 0.005 | 0.016 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 4 | 4 | 3 | 4 | | 3 |

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: HIGHWAY 40 MARKHAM
STATION TYPE: RIVER FLOW GAUGE FED 02HC022

STATION ID: 06-0097-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: HIGHWAY 48, MARKHAM

STORET CODE: 02
004
3880

STN NO 2 LAT LONG U.T.M. 17 0639875.0 4858525.0 4 REGION 03 MILEAGE 12.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 02 | 76 | 1420 | | | .3 | | 29007 | 6 | 145.00 | 6800. | 68. | 888. | | 1.0 | 12.8 | 2.2 |
| 21 | 04 | 76 | 1500 | | | .3 | | 29040 | 6 8 | 23.50 | 12500. | 1. | 40. | | 15.5 | 14.0 | 2.6 |
| 15 | 06 | 76 | 1345 | | | .3 | | 29091 | 6 | 22.30 | 3000. | | 600. | | 25.0 | 8.4 | 3.4 |
| 14 | 07 | 76 | 1345 | | | .3 | | 29102 | 6 | 25.80 | 200. | | 112. | | 17.0 | 12.0 | 2.8 |
| 18 | 08 | 76 | 1420 | | | .3 | | 29132 | 6 | 33.00 | 600. | 1. | 56. | | 21.0 | 12.2 | 2.2 |
| 29 | 09 | 76 | 1310 | | | .3 | | 29183 | 6 | 23.50 | | | | | 11.0 | 12.0 | 1.6 |
| 26 | 10 | 76 | 1300 | | | .3 | | 29194 | 6 | 46.20 | 890. | 132. | 20. | | 2.0 | 12.4 | 2.1 |
| 25 | 11 | 76 | 1310 | | | .3 | | 29226 | 6 | 20.70 | 5400. | 356. | 116. | | 1.0 | 11.2 | 2.5 |
| 15 | 12 | 76 | 1230 | | | .3 | | 29247 | 6 4 | 14.30 | 10. | 10. | 4. L | | 1.0 | 12.2 | 0.2 |
| MAXIMUM | | | | | | | | | | 145.00 | 12500. | 356. | 888. | | 25.0 | 14.0 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 39.37 | 1049.* | 18.* | 77.* E | | 10.5 | 11.9 | 2.2 |
| MINIMUM | | | | | | | | | | 14.30 | 10. | 1. | 4. | | 1.0 | 8.4 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 9 | 8 | 6 | 8 | | 9 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1420 | | | .3 | | 0.074 | 0.031 | 0.156 | 0.680 | 0.025 | 4.570 | 452.0 | 9.8 | | |
| 21 | 04 | 76 | 1500 | | | .3 | | 0.053 | 0.001 | 0.006 | 0.860 | 0.029 | 0.637 | | | | |
| 15 | 06 | 76 | 1345 | | | .3 | | 0.071 | 0.002 | 0.004 | 0.830 | 0.004 | 0.021 | 376.0 | 10.0 | | |
| 14 | 07 | 76 | 1345 | | | .3 | | 0.082 | 0.002 | 0.006 | 1.160 | 0.046 | 1.350 | 468.0 | 20.0 | | |
| 18 | 08 | 76 | 1420 | | | .3 | | 0.072 | 0.006 | 0.019 | 0.860 | 0.025 | 0.915 | 408.0 | 12.0 | | |
| 29 | 09 | 76 | 1310 | | | .3 | | 0.047 | 0.005 | 0.004 | 0.620 | 0.016 | 0.309 | 427.0 | 13.0 | | |
| 26 | 10 | 76 | 1300 | | | .3 | | 0.069 | 0.004 | 0.110 | 0.760 | 0.014 | 0.706 | 451.0 | 13.0 | | |
| 25 | 11 | 76 | 1310 | | | .3 | | 0.174 | 0.059 | 0.740 | 1.430 | 0.033 | 0.897 | 500.0 | 38.0 | | |
| 15 | 12 | 76 | 1230 | | | .3 | | 0.013 | 0.004 | 0.120 | 0.410 | 0.006 | 0.876 | 373.0 | 5.1 | | |
| MAXIMUM | | | | | | | | 0.174 | 0.059 | 0.740 | 1.430 | 0.046 | 4.570 | 500.0 | 38.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.073 | 0.013 | 0.129 | 0.846 | 0.022 | 1.142 | 431.9 | 15.1 | | |
| MINIMUM | | | | | | | | 0.013 | 0.001 | 0.004 | 0.410 | 0.004 | 0.021 | 373.0 | 5.1 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1420 | | | .3 | | 650 | 6.80 | 70.0 | | | | | | | |
| 21 | 04 | 76 | 1500 | | | .3 | | 650 | 8.60 | 65.0 | | | | | | | |
| 15 | 06 | 76 | 1345 | | | .3 | | 560 | 5.30 | 60.0 | | | | | | | |
| 14 | 07 | 76 | 1345 | | | .3 | | 620 | 13.00 | 53.0 | | | | | | | |
| 18 | 08 | 76 | 1420 | | | .3 | | 590 | 5.60 | 36.0 | | | | | | | |
| 29 | 09 | 76 | 1310 | | | .3 | | 670 | 8.00 | 55.0 | | | | | | | |
| 26 | 10 | 76 | 1300 | | | .3 | | 700 | 7.00 | 53.0 | | | | | | | |
| 25 | 11 | 76 | 1310 | | | .3 | | 750 | 37.00 | 58.0 | | | | | | | |
| 15 | 12 | 76 | 1230 | | | .3 | | 570 | 4.20 | | | | | | | | |
| MAXIMUM | | | | | | | | 750 | 37.00 | 70.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 640 | 10.61 | 56.3 | | | | | | | |
| MINIMUM | | | | | | | | 560 | 4.20 | 36.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 8 | | | | | | | |

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: BOX GROVE.TOWN OF MARKHAM
STATION TYPE: RIVER FLOW GAUGE FED 02HC022

STATION ID: 06-0097-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

| STN NO | | 3 | LAT | | LONG | | U.T.M. 17 0641950.0 4857450.0 4 | | | | REGION 03 | | MILEAGE | | 10.70 | | 3880 | |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 24 | 02 | 76 | 1400 | | | .3 | | 29006 | 6 | 145.00 | 2900. | 436. | 96. | | 1.5 | 12.8 | 4.0 | |
| 21 | 04 | 76 | 1230 | | | .3 | | 29039 | 6 | 23.50 | 100. | 20. | 1. | | 15.0 | 13.6 | 3.8 | |
| 15 | 06 | 76 | 1320 | | | .3 | | 29090 | 6 | 22.30 | 1200. | | 464. | | 24.0 | 8.2 | 2.8 | |
| 14 | 07 | 76 | 1315 | | | .3 | | 29101 | 6 | 25.80 | 15000. G | | 2600. | | 17.0 | 10.4 | 6.0 | |
| 18 | 08 | 76 | 1340 | | | .3 | | 29131 | 6 | 33.00 | 200. | 1. | 100 | | 21.0 | 13.0 | 0.8 | |
| 29 | 09 | 76 | 1230 | | | .3 | | 29182 | 6 | 23.50 | 11400E+1 | 440. | 94. | | 11.0 | 8.8 | 3.4 | |
| 26 | 10 | 76 | 1230 | | | .3 | | 29193 | 6 | 46.20 | 10. | 36. | 4. | | 2.0 | 13.9 | 3.3 | |
| 25 | 11 | 76 | 1240 | | | .3 | | 29225 | 6 | 20.70 | 2700. | 172. | 48. | | 2.0 | 13.6 | 4.5 | |
| 15 | 12 | 76 | 1205 | | | .3 | | 29246 | 6 4 | 14.30 | 30. | 16. | 8. | | 1.0 | 14.0 | 0.4 | |
| MAXIMUM | | | | | | | | | | | 145.00 | 11400E+1 | 440. | 2600. | | 24.0 | 14.0 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 39.37 | 771.* U | 45.* | 49.* | | 10.5 | 12.0 | 3.2 |
| MINIMUM | | | | | | | | | | | 14.30 | 10. | 1. | 1. | | 1.0 | 8.2 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1400 | | | .3 | | 0.192 | 0.080 | 0.380 | 1.220 | 0.038 | 3.910 | 456.0 | 16.0 | | |
| 21 | 04 | 76 | 1230 | | | .3 | | 0.163 | 0.024 | 0.122 | 1.150 | 0.088 | 0.107 | | | | |
| 15 | 06 | 76 | 1320 | | | .3 | | 0.049 | 0.001 | 0.012 | 0.680 | 0.006 | 0.114 | 337.0 | 9.1 | | |
| 14 | 07 | 76 | 1315 | | | .3 | | 0.276 | 0.095 | 0.400 | 1.940 | 0.280 | 1.520 | 488.0 | 21.0 | | |
| 18 | 08 | 76 | 1340 | | | .3 | | 0.020 | 0.002 | 0.035 | 0.640 | 0.010 | 0.920 | 376.0 | 3.6 | | |
| 29 | 09 | 76 | 1230 | | | .3 | | 0.145 | 0.045 | 0.196 | 1.110 | 0.054 | 0.696 | 437.0 | 15.0 | | |
| 26 | 10 | 76 | 1230 | | | .3 | | 0.125 | 0.028 | 0.270 | 0.970 | 0.024 | 0.956 | 463.0 | 13.0 | | |
| 25 | 11 | 76 | 1240 | | | .3 | | 0.154 | 0.076 | 0.960 | 1.800 | 0.034 | 1.920 | 472.0 | 13.0 | | |
| 15 | 12 | 76 | 1205 | | | .3 | | 0.029 | 0.019 | 0.086 | 0.370 | 0.007 | 0.958 | 408.0 | 2.6 | | |
| MAXIMUM | | | | | | | | 0.276 | 0.095 | 0.960 | 1.940 | 0.280 | 3.910 | 488.0 | 21.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.128 | 0.041 | 0.273 | 1.098 | 0.060 | 1.233 | 429.6 | 11.7 | | |
| MINIMUM | | | | | | | | 0.020 | 0.001 | 0.012 | 0.370 | 0.006 | 0.107 | 337.0 | 2.6 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1400 | | | .3 | | 650 | 7.90 | 73.0 | | | | | | | |
| 21 | 04 | 76 | 1230 | | | .3 | | 650 | 4.50 | 73.0 | | | | | | | |
| 15 | 06 | 76 | 1320 | | | .3 | | 493 | 4.60 | 42.5 | | | | | | | |
| 14 | 07 | 76 | 1315 | | | .3 | | 680 | 8.00 | 60.0 | | | | | | | |
| 18 | 08 | 76 | 1340 | | | .3 | | 580 | 2.20 | 33.0 | | | | | | | |
| 29 | 09 | 76 | 1230 | | | .3 | | 680 | 7.20 | 60.0 | | | | | | | |
| 26 | 10 | 76 | 1230 | | | .3 | | 720 | 6.60 | 58.0 | | | | | | | |
| 25 | 11 | 76 | 1240 | | | .3 | | 760 | 18.00 | 68.0 | | | | | | | |
| 15 | 12 | 76 | 1205 | | | .3 | | 630 | 3.60 | 27.0 | | | | | | | |
| MAXIMUM | | | | | | | | 760 | 18.00 | 73.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 649 | 6.96 | 54.9 | | | | | | | |
| MINIMUM | | | | | | | | 493 | 2.20 | 27.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: ROUGE RIVER
 SAMPLE POINT: HIGHWAY 2, 1MILE WEST OF ROUGE HILL
 STATION TYPE: RIVER

STATION ID: 06-0097-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: ROUGE RIVER

STORET CODE: 02
 004
 3880

| STN NO | 5 | LAT | LONG | U.T.M. 17 0650060.0 4851850.0 4 | REGION 03 | MILEAGE | 1.50 | | | | | | | | | |
|--------------------|--------|---------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 | 02 | 76 | 1300 | | | .3 | 29002 | 6 4 | | 2060. | 180. | 92. | | 1.0 | 12.4 | 2.4 |
| 21 | 04 | 76 | 1020 | | | .3 | 29035 | 6 | | 1300. | 1. | 24. | | 13.5 | 12.8 | 2.8 |
| 11 | 05 | 76 | 1218 | | | .3 | 27218 | 6 | | 5800. | 400. | 340. | | 12.0 | 8.4 | 1.8 |
| 15 | 06 | 76 | 1120 | | | .3 | 29086 | 6 | | 2000. | | 412. | | 23.0 | 8.4 | 4.0 |
| 25 | 06 | 76 | 1330 | | | .3 | 27327 | 6 | | 12000. | 2300. | 1500. | G | 22.5 | 10.0 | 2.8 |
| 14 | 07 | 76 | 1130 | | | .3 | 29097 | 6 | | 1500. | G | 188. | | 18.0 | 9.0 | 1.8 |
| 23 | 07 | 76 | 1200 | | | .3 | 27350 | 6 | | 1000. | | 40. | | 20.5 | 11.0 | 1.7 |
| 18 | 08 | 76 | 1130 | | | .3 | 29127 | 6 | | 1100. | 1. | 440. | | 20.0 | 8.4 | |
| 24 | 08 | 76 | 1230 | | | .3 | 27416 | 6 9 | | 400. | 80. | 10. | | 21.2 | 13.0 | 1.4 |
| 09 | 09 | 76 | 1230 | | | .3 | 27456 | 6 9 | | 1600. | 330. | 40. | | 21.2 | 13.0 | 1.8 |
| 29 | 09 | 76 | 1025 | | | .3 | 29178 | 6 | | 600. | 44. | 30. | | 10.5 | 8.8 | 1.4 |
| 18 | 10 | 76 | 0900 | | | .3 | 27519 | 6 | | 380. | 10. | 1. | | 4.0 | 7.5 | 1.4 |
| 26 | 10 | 76 | 1040 | | | .3 | 29189 | 6 | | 130. | 1. | 4. | | 2.0 | 14.0 | 0.2 |
| 22 | 11 | 76 | 1050 | | | .3 | 27601 | 6 | | 10. | 1. | 1. | | 1.0 | 12.2 | 0.6 |
| 25 | 11 | 76 | 1040 | | | .3 | 29221 | 6 | | 700. | 2. | 4. | | 0.9 | 13.8 | 2.5 |
| 15 | 12 | 76 | 1015 | | | .3 | 29243 | 6 4 | | 30. | 2. | 2. | | 0.8 | 12.2 | 1.4 |
| 16 | 12 | 76 | 1250 | | | .3 | 27679 | 4 | | 2720. | 4. | 24. | | 1.0 | 15.2 | 2.5 |
| MAXIMUM | | | | | | | | | | 12000. | 2300. | 1500. | | 23.0 | 15.2 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 745. * U | 15. * | 30. * U | | 11.4 | 11.2 | 1.9 |
| MINIMUM | | | | | | | | | | 10. | 1. | 1. | | 0.8 | 7.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 17 | 14 | 17 | | 17 | 17 | 16 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDRAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 | 02 | 76 | 1300 | | | .3 | 0.204 | 0.067 | 0.232 | 0.940 | 0.031 | 4.320 | 531.0 | 86.0 | | |
| 21 | 04 | 76 | 1020 | | | .3 | 0.089 | 0.009 | 0.002L | 0.800 | 0.055 | 0.595 | | | | |
| 11 | 05 | 76 | 1218 | | | .3 | 0.116 | 0.031 | 0.044 | 0.800 | 0.058 | 1.990 | 507.0 | 29.0 | 478 | |
| 15 | 06 | 76 | 1120 | | | .3 | 0.350 | 0.220 | 0.590 | 2.000 | 0.445 | 1.490 | 496.0 | 27.0 | | |
| 25 | 06 | 76 | 1330 | | | .3 | 0.266 | 0.120 | 0.002L | 0.900 | 0.057 | 0.663 | 477.0 | 37.0 | 440 | |
| 14 | 07 | 76 | 1130 | | | .3 | 0.180 | 0.015 | 0.018 | 1.020 | 0.015 | 1.380 | 498.0 | 46.0 | | |
| 23 | 07 | 76 | 1200 | | | .3 | 0.136 | 0.030 | 0.020 | 0.720 | 0.009 | 0.666 | 377.0 | 22.0 | 355 | |
| 18 | 08 | 76 | 1130 | | | .3 | | | | | | | | | | |
| 24 | 08 | 76 | 1230 | | | .3 | 0.058 | 0.008 | 0.020 | 0.660 | 0.018 | 0.487 | 372.0 | 17.0 | | |
| 09 | 09 | 76 | 1230 | | | .3 | 0.053 | 0.005 | 0.008 | 0.680 | 0.031 | 0.589 | 424.0 | 9.2 | 415 | |
| 29 | 09 | 76 | 1025 | | | .3 | 0.068 | 0.028 | 0.006 | 0.560 | 0.010 | 0.700 | 435.0 | 7.6 | | |
| 18 | 10 | 76 | 0900 | | | .3 | 0.052 | 0.018 | 0.008 | 0.690 | 0.019 | 1.380 | 471.0 | 6.0 | 465 | |
| 26 | 10 | 76 | 1040 | | | .3 | 0.098 | 0.023 | 0.216 | 0.850 | 0.050 | 1.550 | 491.0 | 10.0 | | |
| 22 | 11 | 76 | 1050 | | | .3 | 0.065 | 0.026 | 0.176 | 0.620 | 0.019 | 1.830 | 428.0 | 8.8 | 419 | |
| 25 | 11 | 76 | 1040 | | | .3 | 0.062 | 0.019 | 0.168 | 0.700 | 0.024 | 2.130 | 476.0 | 6.4 | | |
| 15 | 12 | 76 | 1015 | | | .3 | 0.146 | 0.120 | 0.860 | 1.220 | 0.036 | 2.160 | 604.0 | 10.0 | | |
| 16 | 12 | 76 | 1250 | | | .3 | 0.118 | 0.062 | 0.840 | 1.150 | 0.029 | 2.500 | 568.0 | 17.0 | 551 | |
| MAXIMUM | | | | | | | 0.350 | 0.220 | 0.860 | 2.000 | 0.445 | 4.320 | 604.0 | 86.0 | 551 | |
| AVG OR GEOM MN (*) | | | | | | | 0.129 | 0.050 | 0.201D | 0.894 | 0.057 | 1.527 | 477.0 | 22.6 | 446 | |
| MINIMUM | | | | | | | 0.052 | 0.005 | 0.002 | 0.560 | 0.009 | 0.487 | 372.0 | 6.0 | 355 | |
| NO OF SAMPLES | | | | | | | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 7 | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 | 02 | 76 | 1300 | | | .3 | 650 | 32.00 | 76.0 | | | | | | | |
| 21 | 04 | 76 | 1020 | | | .3 | 700 | 5.50 | 75.0 | | | | | | | |
| 11 | 05 | 76 | 1218 | | | .3 | 750 | 14.00 | 60.0 | 55.0 | 1.90 | | | 8.30 | 0.800 | |
| 15 | 06 | 76 | 1120 | | | .3 | 710 | 19.00 | 80.0 | | | | | | | |
| 25 | 06 | 76 | 1330 | | | .3 | 660 | 16.00 | 18.5 | 43.5 | 4.15 | | | 8.45 | 0.880 | |
| 14 | 07 | 76 | 1130 | | | .3 | 660 | 18.00 | 60.0 | | | | | | | |
| 23 | 07 | 76 | 1200 | | | .3 | 610 | 14.00 | 6.5 | 35.5 | 1.05 | | | 8.42 | 0.700 | |
| 24 | 08 | 76 | 1230 | | | .3 | 620 | 4.60 | 80.0 | 45.0 | 0.15 | | | | 0.240 | |
| 09 | 09 | 76 | 1230 | | | .3 | 680 | 3.60 | 71.0 | 44.0 | 0.50 | | | 8.04 | 0.340 | |
| 29 | 09 | 76 | 1025 | | | .3 | 790 | 4.50 | 60.0 | | | | | | | |
| 18 | 10 | 76 | 0900 | | | .3 | 870 | 4.50 | 70.0 | 45.5 | 2.95 | | | 8.20 | 0.260 | |
| 26 | 10 | 76 | 1040 | | | .3 | 770 | 5.80 | 70.0 | | | | | | | |
| 22 | 11 | 76 | 1050 | | | .3 | 760 | 6.00 | 73.0 | 47.0 | 3.05 | | | 8.26 | 0.450 | |
| 25 | 11 | 76 | 1040 | | | .3 | 760 | 6.80 | 68.0 | | | | | | | |
| 15 | 12 | 76 | 1015 | | | .3 | 960 | 9.50 | 118.0 | | | | | | | |
| 16 | 12 | 76 | 1250 | | | .3 | 920 | 15.00 | 113.0 | 46.5 | 5.50 | | | 8.00 | 0.680 | |
| MAXIMUM | | | | | | | 960 | 32.00 | 118.0 | 55.0 | 5.50 | | | 8.45 | 0.880 | |
| AVG OR GEOM MN (*) | | | | | | | 742 | 11.18 | 68.7 | 45.3 | 2.41 | | | 8.24 | 0.544 | |
| MINIMUM | | | | | | | 610 | 3.60 | 6.5 | 35.5 | 0.15 | | | 8.00 | 0.240 | |
| NO OF SAMPLES | | | | | | | 16 | 16 | 16 | 8 | 8 | | | 7 | | 8 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 02 | 76 | 1300 | | .3 | | | | | | | | | | | |
| 21 | 04 | 76 | 1020 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1218 | | .3 | | 1.0 | | | | | | | 10 | 30 | 0 |
| 15 | 06 | 76 | 1120 | | .3 | | | | | | | | | | | |
| 25 | 06 | 76 | 1330 | | .3 | | 1.0 | | | | | | | 8 | 20 | |
| 14 | 07 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1200 | | .3 | | 1.0L | | | | | | | 11 | 37 | |
| 24 | 08 | 76 | 1230 | | .3 | | 1.0L | | | | | | | | | |
| 09 | 09 | 76 | 1230 | | .3 | | 1.0L | | | | | | | 6 | 17 | 3 |
| 29 | 09 | 76 | 1025 | | .3 | | | | | | | | | | | |
| 18 | 10 | 76 | 0900 | | .3 | | 1.0L | | | | | | | 6 | 20 | |
| 26 | 10 | 76 | 1040 | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1050 | | .3 | | 1.0 | | | | | | | | | |
| 25 | 11 | 76 | 1040 | | .3 | | | | | | | | | 12 | 25 | |
| 15 | 12 | 76 | 1015 | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 1250 | | .3 | | 1.0L | | | | | | | 8 | 42 | 0 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|----|----|---|
| MAXIMUM | | | | | | | 1.0 | | | | | | | 12 | 42 | 3 |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | | | | | | 9 | 27 | 1 |
| MINIMUM | | | | | | | 1.0 | | | | | | | 6 | 17 | 0 |
| NO OF SAMPLES | | | | | | | 8 | | | | | | | 7 | 7 | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 05 | 76 | 1218 | | .3 | | 0.001L | 0.020L | | 0.020L | 0.020 | 0.030 | 0.010L | 0.040 | | 0.010L |
| 09 | 09 | 76 | 1230 | | .3 | | 0.001L | 0.030L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.020 | | 0.010L |
| 16 | 12 | 76 | 1250 | | .3 | | 0.001 | 0.030 | | 0.010L | 0.020 | 0.010L | 0.005L | 0.070 | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | 0.030 | | 0.020 | 0.020 | 0.030 | 0.010 | 0.070 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.027D | | 0.013D | 0.017D | 0.017D | 0.008D | 0.043 | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | | 0.010 |
| NO OF SAMPLES | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: LITTLE ROUGE CREEK
SAMPLE POINT: STEELES AVE NEAR TENTH LINE
STATION TYPE: RIVER

STATION ID: 06-0097-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO 6 LAT LONG U.T.M. 17 0644650.0 4856375.0 4 REGION 03 MILEAGE 6.60

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 02 | 76 | 1350 | | .3 | | 29005 | 6 | | 2340. | 20. | 60. | | 1.0 | 12.6 | 1.8 |
| 21 | 04 | 76 | 1200 | | .3 | | 29038 | 6 | | 70. | 36. | 8. | | 15.0 | 11.0 | 1.6 |
| 15 | 06 | 76 | 1300 | | .3 | | 29089 | 6 | | 2400. | | 800. | | 24.0 | 8.4 | 1.4 |
| 14 | 07 | 76 | 1255 | | .3 | | 29100 | 6 | | 1100. | | 168. | | 17.0 | 10.0 | 0.8 |
| 18 | 08 | 76 | 1250 | | .3 | | 29130 | 6 | | 490. | 1. | 164. | | 18.0 | 10.0 | 1.0 |
| 29 | 09 | 76 | 1200 | | .3 | | 29181 | 6 | | 290. | 152. | 58. | | 9.9 | 11.0 | 1.0 |
| 26 | 10 | 76 | 1200 | | .3 | | 29192 | 6 | | 500. | 10. | 24. | | 2.0 | 13.6 | 1.0 |
| 25 | 11 | 76 | 1210 | | .3 | | 29224 | 6 | | 252. | 20. | 10. | | 0.9 | 13.5 | 1.6 |
| 15 | 12 | 76 | 1140 | | .3 | | 29245 | 6 4 | | 28. | 18. | 6. | | 1.0 | 13.2 | 0.4 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 2400. | 152. | 800. | | 24.0 | 13.6 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 392.* | 17.* | 46.* | | 9.9 | 11.5 | 1.2 |
| MINIMUM | | | | | | | | | | 28. | 1. | 6. | | 0.9 | 8.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 9 | 7 | 9 | | 9 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1350 | | .3 | | 0.085 | 0.021 | 0.056 | 0.690 | 0.020 | 5.280 | 465 0 | 44.0 | | |
| 21 | 04 | 76 | 1200 | | .3 | | 0.015 | 0.001 | 0.002L | 0.590 | 0.014 | 0.812 | | | | |
| 15 | 06 | 76 | 1300 | | .3 | | 0.035 | 0.005 | 0.006 | 0.580 | 0.008 | 0.132 | 296.0 | 7.6 | | |
| 14 | 07 | 76 | 1255 | | .3 | | 0.020 | 0.001 | 0.008 | 0.650 | 0.020 | 2.180 | 474.0 | 54.0 | | |
| 18 | 08 | 76 | 1250 | | .3 | | 0.186 | 0.002 | 0.004 | 0.280 | 0.009 | 0.826 | 364.0 | 3.6 | | |
| 29 | 09 | 76 | 1200 | | .3 | | 0.008 | 0.003 | 0.006 | 0.320 | 0.002 | 0.258 | 346.0 | 2.2 | | |
| 26 | 10 | 76 | 1200 | | .3 | | 0.016 | 0.002 | 0.006 | 0.420 | 0.004 | 1.180 | 427.0 | 8.3 | | |
| 25 | 11 | 76 | 1210 | | .3 | | 0.021 | 0.003 | 0.006 | 0.350 | 0.003 | 0.857 | 386.0 | 12.0 | | |
| 15 | 12 | 76 | 1140 | | .3 | | 0.019 | 0.013 | 0.130 | 0.410 | 0.028 | 0.974 | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | 0.186 | 0.021 | 0.130 | 0.690 | 0.028 | 5.280 | 474.0 | 54.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.045 | 0.006 | 0.025D | 0.477 | 0.012 | 1.389 | 394.0 | 18.8 | | |
| MINIMUM | | | | | | | 0.008 | 0.001 | 0.002 | 0.280 | 0.002 | 0.132 | 296.0 | 2.2 | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 7 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1350 | | | | .3 | 600 | 23.00 | 50.0 | | | | | | | |
| 21 | 04 | 76 | 1200 | | | | .3 | 550 | 1.80 | 37.5 | | | | | | | |
| 15 | 06 | 76 | 1300 | | | | .3 | 435 | 4.50 | 27.5 | | | | | | | |
| 14 | 07 | 76 | 1255 | | | | .3 | 580 | 3.60 | 36.0 | | | | | | | |
| 18 | 08 | 76 | 1250 | | | | .3 | 560 | 2.20 | 33.5 | | | | | | | |
| 29 | 09 | 76 | 1200 | | | | .3 | 540 | 1.60 | 36.0 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | | .3 | 680 | 3.20 | 45.0 | | | | | | | |
| 25 | 11 | 76 | 1210 | | | | .3 | 600 | 7.00 | 31.0 | | | | | | | |
| 15 | 12 | 76 | 1140 | | | | .3 | 640 | 5.20 | | | | | | | | |

MAXIMUM 680 23.00 50.0
 AVG OR GEOM MN (*) 576 5.79 37.1
 MINIMUM 435 1.60 27.5
 NO OF SAMPLES 9 9 8

B.O.W./ SITE: LITTLE ROUGE CREEK
 SAMPLE POINT: HIGHWAY 7 LOCUST HILL
 STATION TYPE: RIVER FLOW GAUGE FED 02HC028

STATION ID: 06-0097-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: ROUGE RIVER

STORET CODE: 02
 004
 3880

STN NO 8 LAT LONG U.T.M. 17 0644340.0 4860575.0 4 REGION 03 MILEAGE 10.30

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BCD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 02 | 76 | 1440 | | | | .3 | 29008 | 6 | 196.00 | 1820. | 40. | 124. | | 4.0 | 12.8 | 1.6 |
| 21 | 04 | 76 | 1300 | | | | .3 | 29041 | 6 | 9.90 | | | | | 14.0 | 14.0 | 1.2 |
| 15 | 06 | 76 | 1410 | | | | .3 | 29092 | 6 | 6.20 | 200. | | 160. | | 25.0 | 7.8 | 0.8 |
| 14 | 07 | 76 | 1420 | | | | .3 | 29103 | 6 | 13.00 | 500. | | 64. | | 17.0 | 10.0 | 0.8 |
| 18 | 08 | 76 | 1450 | | | | .3 | 29133 | 6 | 11.30 | 600. | 1. | 72. | | 21.0 | 10.2 | 1.0 |
| 29 | 09 | 76 | 1340 | | | | .3 | 29184 | 6 | 9.30 | | | | | 10.4 | 11.2 | 0.8 |
| 26 | 10 | 76 | 1330 | | | | .3 | 29195 | 6 | 15.20 | 130. | 32. | 12. | | 2.5 | 14.2 | 1.2 |
| 25 | 11 | 76 | 1340 | | | | .3 | 29227 | 6 | 9.20 | 1230. | 122. | 14. | | 0.9 | 14.4 | 1.2 |
| 15 | 12 | 76 | 1240 | | | | .3 | 29248 | 6 4 | 6.80 | 30. | 16. | 2. | | 1.0 | 11.0 | 0.6 |

MAXIMUM 196.00 1820. 122. 160. 25.0 14.4 1.6
 AVG OR GEOM MN (*) 30.77 340.* 19.* 31.* 10.6 11.7 1.0
 MINIMUM 6.20 30. 1. 2. 0.9 7.8 0.6
 NO OF SAMPLES 9 7 5 7 9 9 9

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1440 | | | | .3 | 0.066 | 0.022 | 0.060 | 0.610 | 0.020 | 4.880 | 445.0 | 13.0 | | |
| 21 | 04 | 76 | 1300 | | | | .3 | 0.014 | 0.001 | 0.002L | 0.530 | 0.014 | 0.773 | | | | |
| 15 | 06 | 76 | 1410 | | | | .3 | 0.024 | 0.001 | 0.014 | 0.530 | 0.007 | 0.253 | 278.0 | 3.9 | | |
| 14 | 07 | 76 | 1420 | | | | .3 | 0.030 | 0.002 | 0.008 | 0.790 | 0.029 | 2.270 | 438.0 | 5.1 | | |
| 18 | 08 | 76 | 1450 | | | | .3 | 0.020 | 0.002 | 0.014 | 0.550 | 0.010 | 1.120 | 391.0 | 4.1 | | |
| 29 | 09 | 76 | 1340 | | | | .3 | 0.013 | 0.002 | 0.006 | 0.410 | 0.002 | 0.288 | 356.0 | 1.9 | | |
| 26 | 10 | 76 | 1330 | | | | .3 | 0.018 | 0.002 | 0.008 | 0.370 | 0.005 | 1.280 | 428.0 | 3.0 | | |
| 25 | 11 | 76 | 1340 | | | | .3 | 0.015 | 0.003 | 0.002L | 0.340 | 0.002 | 0.813 | 375.0 | 5.1 | | |
| 15 | 12 | 76 | 1240 | | | | .3 | 0.143 | 0.005 | 0.100 | 0.440 | 0.009 | 0.881 | 391.0 | 8.8 | | |

MAXIMUM 0.143 0.022 0.100 0.790 0.029 4.880 445.0 13.0
 AVG OR GEOM MN (*) 0.038 0.004 0.0240 0.508 0.011 1.395 387.8 5.6
 MINIMUM 0.013 0.001 0.002 0.340 0.002 0.253 278.0 1.9
 NO OF SAMPLES 9 9 9 9 9 8 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1440 | | | | .3 | 600 | 6.20 | 48.0 | | | | | | | |
| 21 | 04 | 76 | 1300 | | | | .3 | 550 | 2.10 | 36.0 | | | | | | | |
| 15 | 06 | 76 | 1410 | | | | .3 | 420 | 3.60 | 24.5 | | | | | | | |
| 14 | 07 | 76 | 1420 | | | | .3 | 590 | 2.80 | 36.5 | | | | | | | |
| 18 | 08 | 76 | 1450 | | | | .3 | 600 | 2.70 | 34.0 | | | | | | | |
| 29 | 09 | 76 | 1340 | | | | .3 | 580 | 2.00 | 34.0 | | | | | | | |
| 26 | 10 | 76 | 1330 | | | | .3 | 690 | 2.50 | 44.5 | | | | | | | |
| 25 | 11 | 76 | 1340 | | | | .3 | 600 | 3.00 | 30.5 | | | | | | | |
| 15 | 12 | 76 | 1240 | | | | .3 | 610 | 3.00 | 25.0 | | | | | | | |

MAXIMUM 690 6.20 48.0
 AVG OR GEOM MN (*) 582 3.10 34.8
 MINIMUM 420 2.00 24.5
 NO OF SAMPLES 9 9 9

B.O.W./ SITE: LITTLE ROUGE CREEK
SAMPLE POINT: HIGHWAY 48 MILNESVILLE
STATION TYPE: RIVER

STATION ID: 06-0097-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

| STN NO | 9 | LAT | LONG | U.T.M. 17 0638800.0 4864200.0 4 | REGION 03 | MILEAGE | 15.50 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 02 76 1500 | | | .3 | | 29009 | 6 | | 1460. | 28. | 40. | | 0.5 | 11.4 | 1.6 |
| 21 04 76 1420 | | | .3 | | 29042 | 6 | | | | | | 15.0 | 12.8 | 1.0 |
| 15 06 76 1440 | | | .3 | | 29093 | 6 | | 1000. | | 500. | | 24.0 | 6.8 | 1.6 |
| 14 07 76 1500 | | | .3 | | 29104 | 6 | | 1400. | | 56. | | 17.0 | 10.0 | 0.8 |
| 18 08 76 1520 | | | .3 | | 29134 | 6 | | 1700. | 1. | 136. | | 22.0 | 10.4 | 0.8 |
| 29 09 76 1425 | | | .3 | | 29185 | 6 | | | | | | 10.6 | 11.8 | 0.8 |
| 26 10 76 1400 | | | .3 | | 29196 | 6 | | 340. | 38. | 52. | | 2.5 | 13.8 | 1.0 |
| 25 11 76 1400 | | | .3 | | 29228 | 6 | | 190. | 48. | 16. | | 1.2 | 13.6 | 1.4 |
| 15 12 76 1300 | | | .3 | | 29249 | 6 4 | | 420. | 24. | 4. | L | 0.9 | 12.4 | 0.8 |
| MAXIMUM | | | | | | | | 1700. | 48. | 500. | | 24.0 | 13.8 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 714.* | 17.* | 47.* | D | 10.4 | 11.4 | 1.1 |
| MINIMUM | | | | | | | | 190. | 1. | 4. | | 0.5 | 6.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | 7 | 5 | 7 | | 9 | 9 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 02 76 1500 | | | .3 | | 0.060 | 0.021 | 0.052 | 0.540 | 0.018 | 4.480 | 410.0 | 10.0 | | |
| 21 04 76 1420 | | | .3 | | 0.019 | 0.001 | 0.002L | 0.530 | 0.012 | 0.839 | | | | |
| 15 06 76 1440 | | | .3 | | 0.056 | 0.006 | 0.012 | 0.630 | 0.037 | 1.410 | 362.0 | 9.6 | | |
| 14 07 76 1500 | | | .3 | | 0.031 | 0.002 | 0.012 | 0.690 | 0.027 | 2.370 | 429.0 | 8.9 | | |
| 18 08 76 1520 | | | .3 | | 0.035 | 0.006 | 0.008 | 0.560 | 0.013 | 1.310 | 393.0 | 5.7 | | |
| 29 09 76 1425 | | | .3 | | 0.018 | 0.004 | 0.004 | 0.370 | 0.004 | 0.476 | 339.0 | 2.7 | | |
| 26 10 76 1400 | | | .3 | | 0.049 | 0.004 | 0.008 | 0.420 | 0.005 | 1.150 | 433.0 | 22.0 | | |
| 25 11 76 1400 | | | .3 | | 0.024 | 0.003 | 0.004 | 0.350 | 0.004 | 0.781 | 352.0 | 14.0 | | |
| 15 12 76 1300 | | | .3 | | 0.019 | 0.004 | 0.118 | 0.420 | 0.006 | 0.854 | 365.0 | 5.7 | | |
| MAXIMUM | | | | | 0.060 | 0.021 | 0.118 | 0.690 | 0.037 | 4.480 | 433.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.035 | 0.006 | 0.024D | 0.501 | 0.014 | 1.519 | 385.4 | 9.8 | | |
| MINIMUM | | | | | 0.018 | 0.001 | 0.002 | 0.350 | 0.004 | 0.476 | 339.0 | 2.7 | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 02 76 1500 | | | .3 | | 600 | 5.40 | 47.0 | | | | | | | |
| 21 04 76 1420 | | | .3 | | 500 | 2.60 | 33.5 | | | | | | | |
| 15 06 76 1440 | | | .3 | | 480 | 6.90 | | | | | | | | |
| 14 07 76 1500 | | | .3 | | 580 | 4.70 | 34.0 | | | | | | | |
| 18 08 76 1520 | | | .3 | | 600 | 3.80 | 31.0 | | | | | | | |
| 29 09 76 1425 | | | .3 | | 540 | 3.00 | 28.5 | | | | | | | |
| 26 10 76 1400 | | | .3 | | 660 | 5.20 | 42.5 | | | | | | | |
| 25 11 76 1400 | | | .3 | | 560 | 7.60 | 24.5 | | | | | | | |
| 15 12 76 1300 | | | .3 | | 570 | 5.20 | 21.0 | | | | | | | |
| MAXIMUM | | | | | 660 | 7.60 | 47.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 566 | 4.93 | 32.8 | | | | | | | |
| MINIMUM | | | | | 480 | 2.60 | 21.0 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 8 | | | | | | | |

B.O.W./ SITE: LITTLE ROUGE CREEK
SAMPLE POINT: MEADOWVALE ROAD NORTH OF FINCH AVE
STATION TYPE: RIVER

STATION ID: 06-0097-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

| STN NO | 10 | LAT | | LONG | | U.T.M. 17 0646250.0 4854450.0 4 | | | | REGION 03 | | MILEAGE | 4.60 | |
|-------------------------------|---------------------|--------------------|-----------------------|------|---------------------|---------------------------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 02 76 1320 | | | .3 | | 29003 | 6 | | 1600. | 40. | 80. | | 1.0 | 13.0 | 1.6 |
| 21 04 76 1100 | | | .3 | | 29036 | 6 | | 100. | 20. | 60. | | 13.5 | 12.6 | 1.6 |
| 15 06 76 1200 | | | .3 | | 29087 | 6 | | 600. | | 330. | | 25.0 | 8.8 | 1.2 |
| 14 07 76 1148 | | | .3 | | 29098 | 6 | | 1300. | | 264. | | 17.0 | 10.0 | 1.0 |
| 18 08 76 1150 | | | .3 | | 29128 | 6 | | 400. | 1. | 120. | | 19.0 | 10.2 | 1.0 |
| 29 09 76 1058 | | | .3 | | 29179 | 6 | | 140. | 80. | 50. | | 10.0 | 10.4 | 0.8 |
| 26 10 76 1055 | | | .3 | | 29190 | 6 | | 190. | 20. | 28. | | 2.0 | 13.2 | 1.1 |
| 25 11 76 1115 | | | .3 | | 29222 | 6 | | 30. | 10. | 20. | | 0.9 | 13.8 | 1.6 |
| MAXIMUM | | | | | | | | 1600. | 80. | 330. | | 25.0 | 13.8 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 282.* | 15.* | 78.* | | 11.1 | 11.5 | 1.2 |
| MINIMUM | | | | | | | | 30. | 1. | 20. | | 0.9 | 8.8 | 0.8 |
| NO OF SAMPLES | | | | | | | | 8 | 6 | 8 | | 8 | 8 | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1320 | | | .3 | | 0.192 | 0.024 | 0.056 | 0.800 | 0.022 | 6.080 | 584.0 | 152.0 | | |
| 21 | 04 | 76 | 1100 | | | .3 | | 0.019 | 0.001 | 0.016 | 0.640 | 0.012 | 0.814 | | | | |
| 15 | 06 | 76 | 1200 | | | .3 | | 0.032 | 0.002 | 0.008 | 0.610 | 0.016 | 0.044 | 322.0 | 6.5 | | |
| 14 | 07 | 76 | 1148 | | | .3 | | 0.052 | 0.002 | 0.010 | 0.740 | 0.019 | 2.280 | 447.0 | 45.0 | | |
| 18 | 08 | 76 | 1150 | | | .3 | | 0.028 | 0.002 | 0.031 | 0.630 | 0.014 | 0.851 | 387.0 | 8.7 | | |
| 29 | 09 | 76 | 1058 | | | .3 | | 0.010 | 0.008 | 0.004 | 0.340 | 0.002 | 0.298 | 348.0 | 2.8 | | |
| 26 | 10 | 76 | 1055 | | | .3 | | 0.020 | 0.004 | 0.008 | 0.440 | 0.004 | 1.250 | 423.0 | 12.0 | | |
| 25 | 11 | 76 | 1115 | | | .3 | | 0.053 | 0.007 | 0.004 | 0.460 | 0.004 | 0.766 | 441.0 | 65.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.192 0.024 0.056 0.800 0.022 6.080 584.0 152.0
0.051 0.006 0.017 0.583 0.012 1.548 421.7 41.7
0.010 0.001 0.004 0.340 0.002 0.044 322.0 2.8

NO OF SAMPLES

8 8 8 8 8 8 7 7

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1320 | | | .3 | | 600 | 62.00 | 50.0 | | | | | | | |
| 21 | 04 | 76 | 1100 | | | .3 | | 550 | 2.50 | 39.0 | | | | | | | |
| 15 | 06 | 76 | 1200 | | | .3 | | 463 | 5.00 | 29.0 | | | | | | | |
| 14 | 07 | 76 | 1148 | | | .3 | | 580 | 24.00 | 38.0 | | | | | | | |
| 18 | 08 | 76 | 1150 | | | .3 | | 580 | 4.90 | 35.0 | | | | | | | |
| 29 | 09 | 76 | 1058 | | | .3 | | 570 | 1.80 | 36.0 | | | | | | | |
| 26 | 10 | 76 | 1055 | | | .3 | | 680 | 4.80 | 46.0 | | | | | | | |
| 25 | 11 | 76 | 1115 | | | .3 | | 600 | 22.00 | 33.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

680 62.00 50.0
578 15.88 38.3
463 1.80 29.0

NO OF SAMPLES

8 8 8

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: AT TWIN RIVERS DRIVE SCARBOROUGH
STATION TYPE: RIVER FLOW GAUGE FED 02HC103

STATION ID: 06-0097-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

STN NO 11 LAT LONG U.T.M. 17 0648000.0 4852275.0 4 REGION 03 MILEAGE 3.30

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 02 | 76 | 1230 | | | .3 | | 29000 | 6 8 | | 2400. | 270. | 220. | | 1.0 | 12.8 | 3.4 |
| 21 | 04 | 76 | 1000 | | | .3 | | 29033 | 6 | | 1000. | 1. | 20. | | 13.5 | 13.2 | 3.4 |
| 15 | 06 | 76 | 1000 | | | .3 | | 29084 | 6 | | 1400. | | 296. | | 23.0 | 8.0 | 4.2 |
| 14 | 07 | 76 | 1000 | | | .3 | | 29094 | 6 | | 1400. | | 100. | | 18.0 | 10.0 | 1.8 |
| 18 | 08 | 76 | 0930 | | | .3 | | 29124 | 6 | 23.60 | 1600. | 1. | 172. | | 19.0 | 9.9 | |
| 29 | 09 | 76 | 0900 | | | .3 | | 29175 | 6 | 30.70 | 800. | 56. | 52. | | 10.0 | 11.4 | 1.6 |
| 26 | 10 | 76 | 0920 | | | .3 | | 29186 | 6 | 21.00 | 680. | 8. | 12. | | 2.0 | 12.0 | 3.0 |
| 25 | 11 | 76 | 0930 | | | .3 | | 29218 | 6 | 62.10 | 90. | 18. | 32. | | 0.8 | 14.6 | 2.5 |
| 15 | 12 | 76 | 0915 | | | .3 | | 29241 | 6 4 | | 460. | 34. | 10. | | 0.8 | 12.8 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

62.10 2400. 270. 296.
34.35 821.* 13.* 55.*
21.00 90. 1. 10.

23.0 14.6 4.2
9.8 11.6 2.7
0.8 8.0 1.6

NO OF SAMPLES

4 9 7 9 9 9 8

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1230 | | | .3 | | 0.214 | 0.063 | 0.238 | 1.100 | 0.034 | 4.220 | 563.0 | 119.0 | | |
| 21 | 04 | 76 | 1000 | | | .3 | | 0.026 | 0.018 | 0.010 | 1.280 | 0.160 | 1.110 | | | | |
| 15 | 06 | 76 | 1000 | | | .3 | | 0.320 | 0.245 | 0.400 | 1.480 | 0.335 | 1.050 | 379.0 | 24.0 | | |
| 14 | 07 | 76 | 1000 | | | .3 | | 0.112 | 0.021 | 0.018 | 0.910 | 0.017 | 1.480 | 470.0 | 24.0 | | |
| 18 | 08 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 0900 | | | .3 | | 0.105 | 0.047 | 0.010 | 0.670 | 0.049 | 1.120 | 451.0 | 10.0 | | |
| 26 | 10 | 76 | 0920 | | | .3 | | 0.124 | 0.041 | 0.310 | 0.990 | 0.046 | 1.480 | 483.0 | 15.0 | | |
| 25 | 11 | 76 | 0930 | | | .3 | | 0.072 | 0.028 | 0.260 | 0.810 | 0.018 | 1.770 | 490.0 | 6.0 | | |
| 15 | 12 | 76 | 0915 | | | .3 | | 0.160 | 0.080 | 0.700 | 1.370 | 0.033 | 2.020 | 570.0 | 7.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.320 0.245 0.700 1.480 0.335 4.220 570.0 119.0
0.142 0.068 0.243 1.076 0.087 1.781 486.6 29.3
0.026 0.018 0.010 0.670 0.017 1.050 379.0 6.0

NO OF SAMPLES

8 8 8 8 8 8 7 7

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1230 | | | | .3 | 650 | 49.00 | 77.0 | | | | | | | |
| 21 | 04 | 76 | 1000 | | | | .3 | 700 | 6.60 | 80.0 | | | | | | | |
| 15 | 06 | 76 | 1000 | | | | .3 | 540 | 20.00 | | | | | | | | |
| 14 | 07 | 76 | 1000 | | | | .3 | 670 | 9.20 | 62.0 | | | | | | | |
| 29 | 09 | 76 | 0900 | | | | .3 | 720 | 5.40 | 78.0 | | | | | | | |
| 26 | 10 | 76 | 0920 | | | | .3 | 760 | 5.40 | 65.0 | | | | | | | |
| 25 | 11 | 76 | 0930 | | | | .3 | 770 | 6.50 | 65.0 | | | | | | | |
| 15 | 12 | 76 | 0915 | | | | .3 | 920 | 8.60 | 108.0 | | | | | | | |
| MAXIMUM | | | | | | | | 920 | 49.00 | 108.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 716 | 13.84 | 76.4 | | | | | | | |
| MINIMUM | | | | | | | | 540 | 5.40 | 62.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 7 | | | | | | | |

B.O.W./ SITE: ROUGE RIVER
SAMPLE POINT: AT SEWELL ROAD NORTH OF FINCH AVENUE
STATION TYPE: RIVER

STATION ID: 06-0097-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: ROUGE RIVER

STORET CODE: 02
004
3880

| STN NO | 12 | LAT | LONG | U.T.M. 17 0644725.0 4854100.0 4 | | | | REGION 03 | MILEAGE | 7.00 | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|----------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE T/O | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 | 02 | 76 | 1340 | | | | .3 | 29004 | 6 | | 1020. | 72. | 56. | | 1.0 | 12.0 | 4.4 |
| 21 | 04 | 76 | 1115 | | | | .3 | 29037 | 6 | | 2100. | 1. | 28. | | 13.5 | 12.6 | 3.6 |
| 15 | 06 | 76 | 1220 | | | | .3 | 29088 | 6 | | 8000. | | 184. | | 25.0 | 8.2 | 5.0 |
| 14 | 07 | 76 | 1215 | | | | .3 | 29099 | 6 | | 3900. | | 60. | | 17.0 | 8.8 | 1.8 |
| 18 | 08 | 76 | 1210 | | | | .3 | 29129 | 6 | | 1400. | 1. | 104. | | 18.0 | 8.6 | 1.6 |
| 29 | 09 | 76 | 1130 | | | | .3 | 29180 | 6 | | 10500. | 348. | 96. | | 10.0 | 10.8 | 2.8 |
| 26 | 10 | 76 | 1130 | | | | .3 | 29191 | 6 | | 420. | 16. | 8. | | 2.0 | 14.0 | 3.5 |
| 25 | 11 | 76 | 1140 | | | | .3 | 29223 | 6 | | 1070. | 16. | 14. | | 0.9 | 14.2 | 4.0 |
| 15 | 12 | 76 | 1120 | | | | .3 | 29244 | 6 4 | | 800. | 20. | 34. | | 0.9 | 13.0 | 3.5 |
| MAXIMUM | | | | | | | | | | | 10500. | 348. | 184. | | 25.0 | 14.2 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1919.* | 14.* | 44.* | | 9.8 | 11.4 | 3.4 |
| MINIMUM | | | | | | | | | | | 420. | 1. | 8. | | 0.9 | 8.2 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 7 | 9 | | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1340 | | | | .3 | 0.168 | 0.083 | 0.336 | 1.030 | 0.037 | 5.010 | 454.0 | 28.0 | | |
| 21 | 04 | 76 | 1115 | | | | .3 | 0.183 | 0.088 | 0.096 | 1.190 | 0.230 | 1.370 | | | | |
| 15 | 06 | 76 | 1220 | | | | .3 | 0.495 | 0.365 | 1.050 | 2.100 | 0.445 | 1.510 | 369.0 | 12.0 | | |
| 14 | 07 | 76 | 1215 | | | | .3 | 0.094 | 0.026 | 0.018 | 0.740 | 0.058 | 1.940 | 465.0 | 12.0 | | |
| 18 | 08 | 76 | 1210 | | | | .3 | 0.166 | 0.120 | 0.060 | 0.450 | 0.080 | 1.700 | 429.0 | 12.0 | | |
| 29 | 09 | 76 | 1130 | | | | .3 | 0.147 | 0.084 | 0.133 | 0.980 | 0.090 | 1.610 | 450.0 | 12.0 | | |
| 26 | 10 | 76 | 1130 | | | | .3 | 0.157 | 0.056 | 0.340 | 1.250 | 0.048 | 1.430 | 479.0 | 21.0 | | |
| 25 | 11 | 76 | 1140 | | | | .3 | 0.122 | 0.050 | 0.780 | 1.490 | 0.040 | 3.160 | 547.0 | 35.0 | | |
| 15 | 12 | 76 | 1120 | | | | .3 | 0.160 | 0.089 | 1.120 | 2.010 | 0.070 | 2.680 | 599.0 | 8.2 | | |
| MAXIMUM | | | | | | | | 0.495 | 0.365 | 1.120 | 2.100 | 0.445 | 5.010 | 599.0 | 35.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.188 | 0.107 | 0.437 | 1.249 | 0.122 | 2.268 | 474.0 | 17.5 | | |
| MINIMUM | | | | | | | | 0.094 | 0.026 | 0.018 | 0.450 | 0.037 | 1.370 | 369.0 | 8.2 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1340 | | | | .3 | 650 | 16.00 | 73.0 | | | | | | | |
| 21 | 04 | 76 | 1115 | | | | .3 | 650 | 3.30 | 70.0 | | | | | | | |
| 15 | 06 | 76 | 1220 | | | | .3 | 570 | 16.00 | 65.0 | | | | | | | |
| 14 | 07 | 76 | 1215 | | | | .3 | 650 | 10.00 | 53.0 | | | | | | | |
| 18 | 08 | 76 | 1210 | | | | .3 | 620 | 6.30 | 41.0 | | | | | | | |
| 29 | 09 | 76 | 1130 | | | | .3 | 720 | 6.40 | 78.0 | | | | | | | |
| 26 | 10 | 76 | 1130 | | | | .3 | 740 | 7.00 | 60.0 | | | | | | | |
| 25 | 11 | 76 | 1140 | | | | .3 | 820 | 17.00 | 84.0 | | | | | | | |
| 15 | 12 | 76 | 1120 | | | | .3 | 920 | 8.00 | 113.0 | | | | | | | |
| MAXIMUM | | | | | | | | 920 | 17.00 | 113.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 704 | 10.00 | 70.8 | | | | | | | |
| MINIMUM | | | | | | | | 570 | 3.30 | 41.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: LITTLE ROUGE CREEK
 SAMPLE POINT: TWIN RIVERS DRIVE SCARBOROUGH
 STATION TYPE: RIVER FLOW GAUGE FED 02HC104

STATION ID: 06-0097-013-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: ROUGE RIVER

STORET CODE: 02
 004
 3880

| STN NO | 13 | LAT | LONG | U.T.M. 17 0648225.0 4852600.0 4 | | | | REGION 03 | MILEAGE | 2.60 | | | | | | |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|-----------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 | 02 | 76 | 1240 | | .3 | | 29001 | 6 | | 4400. | 70. | 80. | | 1.0 | 12.0 | 2.2 |
| 21 | 04 | 76 | 0900 | | .3 | | 29034 | 6 | 9.60 | 100. | 16. | 12. | | 13.6 | 10.4 | 1.6 |
| 15 | 06 | 76 | 1030 | | .3 | | 29085 | 6 | 22.70 | 1000. | | 416. | | 23.2 | 7.8 | 1.4 |
| 14 | 07 | 76 | 1030 | | .3 | | 29095 | 6 | 18.80 | 800. | | 76. | | 18.0 | 9.8 | 3.0 |
| 18 | 08 | 76 | 1030 | | .3 | | 29125 | 6 | 17.20 | 400. | 1. | 4. | | 19.0 | 10.2 | |
| 29 | 09 | 76 | 0920 | | .3 | | 29176 | 6 | 4.80 | 110. | 52. | 42. | | 10.0 | 10.4 | 1.0 |
| 26 | 10 | 76 | 0940 | | .3 | | 29187 | 6 | 20.80 | 30. | 12. | 4. | | 2.0 | 13.8 | 1.0 |
| 25 | 11 | 76 | 0950 | | .3 | | 29219 | 6 | 22.20 | 72. | 4. | 14. | | 0.8 | 14.4 | 3.0 |
| 15 | 12 | 76 | 0950 | | .3 | | 29242 | 6 4 | 10.00 | 12. | 2. L | 2. | | 0.8 | 12.6 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 24 | 02 | 76 | 1240 | | .3 | | 0.130 | 0.036 | 0.072 | 0.420 | 0.025 | 5.530 | 795.0 | 342.0 | | |
| 21 | 04 | 76 | 0900 | | .3 | | 0.018 | 0.002 | 0.002 | 0.540 | 0.013 | 0.757 | | | | |
| 15 | 06 | 76 | 1030 | | .3 | | 0.036 | 0.003 | 0.002 | 0.600 | 0.016 | 0.864 | 349.0 | 13.0 | | |
| 14 | 07 | 76 | 1030 | | .3 | | 0.020 | 0.002 | 0.024 | 0.660 | 0.019 | 2.480 | 412.0 | 10.0 | | |
| 18 | 08 | 76 | 1030 | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 0920 | | .3 | | 0.010 | 0.001 | 0.004 | 0.360 | 0.002 | 0.378 | 360.0 | 3.5 | | |
| 26 | 10 | 76 | 0940 | | .3 | | 0.017 | 0.003 | 0.006 | 0.400 | 0.004 | 1.330 | 435.0 | 4.4 | | |
| 25 | 11 | 76 | 0950 | | .3 | | 0.014 | 0.004 | 0.010 | 0.330 | 0.003 | 0.772 | 384.0 | 6.6 | | |
| 15 | 12 | 76 | 0950 | | .3 | | 0.016 | 0.014 | 0.100 | 0.370 | 0.006 | 0.944 | 409.0 | 7.5 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 24 | 02 | 76 | 1240 | | .3 | | 600 | 140.00 | 55.0 | | | | | | | |
| 21 | 04 | 76 | 0900 | | .3 | | 550 | 2.80 | 40.5 | | | | | | | |
| 15 | 06 | 76 | 1030 | | .3 | | 490 | 14.00 | 32.0 | | | | 57 | | | |
| 14 | 07 | 76 | 1030 | | .3 | | 580 | 8.00 | 40.0 | | | | | | | |
| 29 | 09 | 76 | 0920 | | .3 | | 580 | 3.00 | 37.5 | | | | | | | |
| 26 | 10 | 76 | 0940 | | .3 | | 670 | 3.60 | 47.5 | | | | | | | |
| 25 | 11 | 76 | 0950 | | .3 | | 620 | 5.40 | 34.5 | | | | | | | |
| 15 | 12 | 76 | 0950 | | .3 | | 660 | 5.60 | 34.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: PETTICOAT CREEK
 SAMPLE POINT: ON FINCH WEST OF SIDELINE 32
 STATION TYPE: RIVER FLOW GAUGE FED 02HC105

STATION ID: 06-0099-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: PETTICOAT CREEK

STORET CODE: 02
 004
 3860

| STN NO | 1 | LAT | | LONG | | U.T.M. 17 0648900.0 4854950.0 4 | | | | REGION 03 | | MILEAGE | | 3.30 | | | |
|--------------------|--------|-------|------|---------------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 02 | 76 | 1400 | | | .3 | | 29029 | 3 | 85.70 | 100. | 10. | 50. | | 1.0 | 10.4 | 1.8 |
| 23 | 04 | 76 | 1030 | | | .3 | | 29060 | 6 | 0.46 | 70. | 8. | 8. | | 10.4 | 12.0 | 1.4 |
| 14 | 07 | 76 | 1100 | | | .3 | | 29096 | 6 | 1.60 | 1800. | | 368. | | 16.0 | 9.0 | 0.4 |
| 18 | 08 | 76 | 1100 | | | .3 | | 29126 | 6 | 0.65 | 2000. | 1. | 168. | | 18.0 | 9.8 | |
| 29 | 09 | 76 | 0955 | | | .3 | | 29177 | 6 | 0.44 | 300. | 58. | 184. | | 10.0 | 10.4 | 0.8 |
| 26 | 10 | 76 | 1010 | | | .3 | | 29168 | 6 | 1.20 | 70. | 52. | 48. | | 2.0 | 12.5 | 0.8 |
| 25 | 11 | 76 | 1015 | | | .3 | | 29220 | 6 | 0.61 | 124. | 12. | 6. | | 0.9 | 14.5 | 2.0 |
| | | | | | | | | | | 85.70 | 2000. | 58. | 368. | | 18.0 | 14.5 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 12.95 | 253.* | 12.* | 54.* | | 8.3 | 11.2 | 1.2 |
| MINIMUM | | | | | | | | | | 0.44 | 70. | 1. | 6. | | 0.9 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | 6 | 7 | | 7 | 7 | 6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1400 | | | .3 | | 0.140 | 0.030 | 0.034 | 0.830 | 0.024 | 6.280 | 508.0 | 106.0 | | |
| 23 | 04 | 76 | 1030 | | | .3 | | 0.017 | 0.001 | 0.006 | 0.660 | 0.008 | 0.677 | | | | |
| 14 | 07 | 76 | 1100 | | | .3 | | 0.020 | 0.002 | 0.010 | 0.590 | 0.017 | 2.380 | 549.0 | 4.1 | | |
| 18 | 08 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 0955 | | | .3 | | 0.010 | 0.004 | 0.004 | 0.390 | 0.003 | 0.577 | 516.0 | 2.3 | | |
| 26 | 10 | 76 | 1010 | | | .3 | | 0.018 | 0.002 | 0.020 | 0.370 | 0.050 | 1.500 | 551.0 | 4.8 | | |
| 25 | 11 | 76 | 1015 | | | .3 | | 0.013 | 0.003 | 0.038 | 0.440 | 0.007 | 1.040 | 504.0 | 10.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.140 0.030 0.038 0.830 0.050 6.280 551.0 106.0
0.036 0.007 0.019 0.547 0.018 2.076 525.6 25.4
0.010 0.001 0.004 0.370 0.003 0.577 504.0 2.3

NO OF SAMPLES

6 6 6 6 6 6 5 5

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1400 | | | .3 | | 550 | 31.00 | 38.5 | | | | | | | |
| 23 | 04 | 76 | 1030 | | | .3 | | 600 | 1.90 | 37.0 | | | | | | | |
| 14 | 07 | 76 | 1100 | | | .3 | | 760 | 2.70 | 44.0 | | | | | | | |
| 29 | 09 | 76 | 0955 | | | .3 | | 800 | 1.20 | 52.0 | | | | | | | |
| 26 | 10 | 76 | 1010 | | | .3 | | 830 | 3.20 | 55.0 | | | | | | | |
| 25 | 11 | 76 | 1015 | | | .3 | | 800 | 4.20 | 44.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

830 31.00 55.0
723 7.37 45.1
850 1.20 37.0

NO OF SAMPLES

6 6 6

B.O.W. / SITE: DUFFINS CREEK
SAMPLE POINT: BASELINE ROAD, 1 MILE WEST OF AJAX
STATION TYPE: RIVER FLOW GAUGE FED 02HC006

STATION ID: 06-0104-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 1 LAT LONG U.T.M. 17 0657550.0 4855625.0 4 REGION 03 MILEAGE 1.90

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 26 | 02 | 76 | 1140 | | | .3 | | 29023 | 6 | 576.00 | 13200. | 1800. | 1560. | | 3.0 | 13.2 | 2.6 |
| 23 | 04 | 76 | 1230 | | | .3 | | 29064 | 6 | 90.50 | 500. | 100. | L | L | 10.4 | 11.8 | 1.8 |
| 11 | 05 | 76 | 1300 | | | .3 | | 27219 | 6 | 122.00 | 1100. | 184. | 72. | | 11.0 | 9.2 | 0.8 |
| 25 | 06 | 76 | 1300 | | | .3 | | 27328 | 6 | 62.80 | 5300. | 1160. | 600. | G | 21.5 | 9.0 | 2.2 |
| 16 | 07 | 76 | 1030 | | | .3 | | 29122 | 6 | 51.90 | 3600. | 92. | | | 19.0 | 8.4 | 2.0 |
| 23 | 07 | 76 | 1115 | | | .3 | | 27349 | 6 | 59.50 | 2000. | | 80. | | 19.8 | 10.8 | 1.1 |
| 24 | 08 | 76 | 1250 | | | .3 | | 27417 | 6 | 37.10 | 1300. | 172. | 600. | | 21.2 | 11.9 | 1.0 |
| 27 | 08 | 76 | 0945 | | | .3 | | 29152 | 6 | 39.20 | 3000. | 540. | 290. | | 21.0 | 8.0 | 0.8 |
| 09 | 09 | 76 | 1200 | | | .3 | | 27457 | 6 | 37.90 | 600. | 240. | 60. | | 19.4 | 13.8 | 0.8 |
| 28 | 09 | 76 | 0900 | | | .3 | | 29155 | 6 | 63.20 | 2100. | 150. | 210. | | 9.0 | 9.9 | 1.4 |
| 18 | 10 | 76 | 0930 | | | .3 | | 27520 | 6 | 48.80 | 600. | 130. | 40. | | 3.5 | 7.8 | 1.0 |
| 27 | 10 | 76 | 1730 | | | .3 | | 29214 | 6 | 60.50 | 380. | 10. | 50. | | 3.0 | 12.2 | 1.7 |
| 22 | 11 | 76 | 1115 | | | .3 | | 27602 | 6 | 53.50 | 1900. | 40. | 32. | | 1.0 | 11.9 | 1.0 |
| 26 | 11 | 76 | 1255 | | | .3 | | 29239 | 6 | 64.20 | 900. | 480. | 1100. | | 7.0 | 10.0 | 6.5 |
| 16 | 12 | 76 | 1230 | | | .3 | | 27678 | 4 | 41.00 | 8100. | 128. | 112. | | 3.0 | 15.6 | 1.6 |
| | | | 1330 | | | .3 | | 29259 | 6 4 | 41.00 | 6800. | 240. | 110. | | 3.0 | 14.4 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

576.00 13200. 1800. 1560.
90.57 1902.* 193.* D 153.* E
37.10 380. 10. 32.

NO OF SAMPLES

16 16 14 16 16 16 16

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1140 | | | .3 | | 0.206 | 0.034 | 0.116 | 0.760 | 0.018 | 2.030 | 494.0 | 143.0 | | |
| 23 | 04 | 76 | 1230 | | | .3 | | 0.240 | 0.020 | 0.056 | 0.720 | 0.017 | 0.468 | | | | |
| 11 | 05 | 76 | 1300 | | | .3 | | 0.102 | 0.017 | 0.026 | 0.520 | 0.013 | 0.607 | 438.0 | 79.0 | 359 | |
| 25 | 06 | 76 | 1300 | | | .3 | | 0.102 | 0.028 | 0.100 | 0.600 | 0.027 | 0.383 | 279.0 | 49.0 | 230 | |
| 16 | 07 | 76 | 1030 | | | .3 | | 0.070 | 0.008 | 0.004 | 0.380 | 0.007 | 0.188 | 317.0 | 37.0 | | |
| 23 | 07 | 76 | 1115 | | | .3 | | 0.070 | 0.017 | 0.036 | 0.480 | 0.006 | 0.109 | 389.0 | 37.0 | 252 | |
| 24 | 08 | 76 | 1250 | | | .3 | | 0.108 | 0.066 | 0.140 | 0.320 | 0.018 | 0.172 | 267.0 | 23.0 | | |
| 27 | 08 | 76 | 0945 | | | .3 | | 0.090 | 0.024 | 0.038 | 0.460 | 0.007 | 0.148 | 289.0 | 36.0 | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.104 | 0.061 | 0.078 | 0.460 | 0.007 | 0.313 | 282.0 | 22.0 | 260 | |
| 28 | 09 | 76 | 0900 | | | .3 | | 0.070 | 0.019 | 0.037 | 0.350 | 0.005 | 0.415 | 336.0 | 37.0 | | |
| 18 | 10 | 76 | 0930 | | | .3 | | 0.030 | 0.019 | 0.032 | 0.240 | 0.005 | 0.300 | 474.0 | 6.6 | 467 | |
| 27 | 10 | 76 | 1730 | | | .3 | | 0.041 | 0.018 | 0.030 | 0.310 | 0.004 | 0.431 | 259.0 | 8.2 | | |
| 22 | 11 | 76 | 1115 | | | .3 | | 0.099 | 0.069 | 0.128 | 0.440 | 0.008 | 0.782 | 460.0 | 12.0 | 448 | |
| 26 | 11 | 76 | 1255 | | | .3 | | 0.138 | 0.005 | 0.170 | 0.660 | 0.032 | 0.768 | 367.0 | 56.0 | | |
| 16 | 12 | 76 | 1230 | | | .3 | | 0.076 | 0.045 | 0.186 | 0.440 | 0.012 | 0.908 | 325.0 | 32.0 | 293 | |
| | | | 1330 | | | .3 | | 0.074 | 0.030 | 0.220 | 0.570 | 0.011 | 0.804 | 322.0 | 27.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.240 0.069 0.220 0.760 0.032 2.030 494.0 143.0 467
0.101 0.030 0.087 0.482 0.012 0.552 353.2 40.3 330
0.030 0.005 0.004 0.240 0.004 0.109 259.0 6.6 230

NO OF SAMPLES

16 16 16 16 16 16 15 15 7

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1140 | | | .3 | | 490 | 52.00 | 30.5 | | | | | | | |
| 23 | 04 | 76 | 1230 | | | .3 | | 495 | 48.00 | 24.5 | | | | | | | |
| 11 | 05 | 76 | 1300 | | | .3 | | 550 | 25.00 | 24.5 | 37.5 | 2.40 | | | 8.26 | | 0.900 |
| 25 | 06 | 76 | 1300 | | | .3 | | 460 | 25.00 | 27.5 | 27.0 | 3.45 | | | 8.22 | | 1.160 |
| 16 | 07 | 76 | 1030 | | | .3 | | 438 | 21.00 | 22.5 | | | | | | | |
| 23 | 07 | 76 | 1115 | | | .3 | | 450 | 21.00 | 6.3 | 26.5 | 0.45 | | | 8.27 | | 1.050 |
| 24 | 08 | 76 | 1250 | | | .3 | | 375 | 7.30 | 17.0 | 28.0 | 0.25 | | | | | 0.630 |
| 27 | 08 | 76 | 0945 | | | .3 | | 435 | 18.00 | 18.0 | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 430 | 8.50 | 15.5 | 27.5 | 3.80 | | | 8.18 | | 0.540 |
| 28 | 09 | 76 | 0900 | | | .3 | | 500 | 32.00 | 20.0 | | | | | | | |
| 18 | 10 | 76 | 0930 | | | .3 | | 570 | 5.50 | 16.0 | 29.0 | 3.70 | | | 8.15 | | 0.300 |
| 27 | 10 | 76 | 1730 | | | .3 | | 450 | 4.20 | 23.5 | | | | | | | |
| 22 | 11 | 76 | 1115 | | | .3 | | 520 | 5.00 | 17.0 | 31.5 | 4.50 | | | 8.31 | | 0.530 |
| 26 | 11 | 76 | 1255 | | | .3 | | 520 | 56.00 | 45.0 | | | | | | | |
| 16 | 12 | 76 | 1230 | | | .3 | | 485 | 18.00 | 30.0 | 33.0 | 3.85 | | | 8.10 | | 0.770 |
| | | | 1330 | | | .3 | | 485 | 22.00 | 27.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|-----|-------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|
| MAXIMUM | 570 | 56.00 | 45.0 | 37.5 | 4.50 | | | | | | | | | | | | |
| AVG OR GEOM MN (*) | 478 | 23.03 | 22.8 | 30.0 | 2.80 | | | | | | | | | | | | |
| MINIMUM | 375 | 4.20 | 6.3 | 26.5 | 0.25 | | | | | | | | | | | | |
| NO OF SAMPLES | 16 | 16 | 16 | 8 | 8 | | | | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|---------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 26 | 02 | 76 | 1140 | | | .3 | | | | | | | | | | | |
| 23 | 04 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | 9 | 20 | 0 |
| 25 | 06 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | 7 | 20 | |
| 16 | 07 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 23 | 07 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | 11 | 21 | |
| 24 | 08 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 08 | 76 | 0945 | | | .3 | | | | | | | | | | | |
| 09 | 09 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | 4 | 17 | 2 |
| 28 | 09 | 76 | 0900 | | | .3 | | | | | | | | | | | |
| 18 | 10 | 76 | 0930 | | | .3 | | 1.0L | | | | | | | 5 | 12 | |
| 27 | 10 | 76 | 1730 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | 10 | 12 | |
| 26 | 11 | 76 | 1255 | | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | 4 | 51 | 0 |
| | | | 1330 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|----|----|---|
| MAXIMUM | 1.0 | | | | | | | | | | | | | | 11 | 51 | 2 |
| AVG OR GEOM MN (*) | 1.00 | | | | | | | | | | | | | | 7 | 22 | 1 |
| MINIMUM | 1.0 | | | | | | | | | | | | | | 4 | 12 | 0 |
| NO OF SAMPLES | 8 | | | | | | | | | | | | | | 7 | 7 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 05 | 76 | 1300 | | | .3 | | 0.001L | 0.020L | | 0.020L | 0.020 | 0.010L | 0.010L | 0.020 | | 0.010L |
| 09 | 09 | 76 | 1200 | | | .3 | | 0.001L | 0.030 | | 0.010 | 0.010L | 0.010L | 0.010L | 0.030 | | 0.010L |
| 16 | 12 | 76 | 1230 | | | .3 | | 0.001L | 0.030L | | 0.010L | 0.010 | 0.010L | 0.005L | 0.050 | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--------|--------|--|--------|--------|--------|--------|-------|--|-------|--|--|--|--|---|--|--------|
| MAXIMUM | 0.001 | 0.030 | | 0.020 | 0.020 | 0.010 | 0.010 | 0.050 | | 0.010 | | | | | | | 0.010 |
| AVG OR GEOM MN (*) | 0.001D | 0.027D | | 0.013D | 0.013D | 0.010D | 0.008D | 0.033 | | 0.010 | | | | | | | 0.010D |
| MINIMUM | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | | 0.010 | | | | | | | 0.010 |
| NO OF SAMPLES | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 | | | | | 3 | | 3 |

B.O.W./ SITE: DUFFINS CREEK

SAMPLE POINT: DOWNSTREAM FROM AJAX SEWAGE TREATMENT PLANT

STATION TYPE: RIVER

STATION ID: 06-0104-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 3 LAT LONG U.T.M. 17 0657600.0 4854750.0 4 REGION 03 MILEAGE 1.70

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 02 | 76 | 1100 | | | .3 | | 29022 | 6.9 | | 60. | 10. L | 100. L | | 3.0 | 10.9 | 2.8 |
| 23 | 04 | 76 | 1300 | | | .3 | | 29065 | 9.6 | | 600. | 4. | 152. | | 10.6 | 11.2 | 2.4 |
| 16 | 07 | 76 | 1000 | | | .3 | | 29123 | 6 | | 100. | L | 130. | | 20.0 | 10.2 | 1.6 |
| 27 | 08 | 76 | 1015 | | | .3 | | 29153 | 9.6 | | 26000. | 620. | 240. | | 22.0 | 8.8 | 3.6 |
| 28 | 09 | 76 | 1000 | | | .3 | | 29154 | 9.6 | | 10. | 1. | 10. L | | 9.8 | 9.8 | 0.6 |
| 27 | 10 | 76 | 1745 | | | .3 | | 29215 | 9.6 | | 40000. | 1600. | 2400. | | 4.0 | 13.8 | 8.1 |
| 26 | 11 | 76 | 1320 | | | .3 | | 29240 | 6 | | 1100. | 70. | 80. | | 4.5 | 12.0 | 1.8 |
| 16 | 12 | 76 | 1355 | | | .3 | | 29260 | 9.6 | | 10. L | 4. L | 10. L | | 2.5 | 12.0 | 1.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|----------|---------|---------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 40000. | 1600. | 2400. | | 22.0 | 13.8 | 8.1 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 377. * D | 27. * D | 99. * D | | 9.6 | 11.1 | 2.8 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 10. | | 2.5 | 8.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1100 | | | .3 | | 0.334 | 0.140 | 1.000 | 1.840 | 0.092 | 14.200 | 613.0 | 134.0 | | |
| 23 | 04 | 76 | 1300 | | | .3 | | 0.270 | 0.130 | 0.740 | 1.720 | 0.460 | 12.800 | | | | |
| 16 | 07 | 76 | 1000 | | | .3 | | 0.148 | 0.030 | 0.156 | 0.660 | 0.180 | 4.420 | 340.0 | 26.0 | | |
| 27 | 08 | 76 | 1015 | | | .3 | | 0.200 | 0.055 | 0.580 | 0.950 | 1.280 | 20.000 | 552.0 | 68.0 | | |
| 28 | 09 | 76 | 1000 | | | .3 | | 0.200 | 0.140 | 1.500 | 1.960 | 0.230 | 19.800 | 531.0 | 64.0 | | |
| 27 | 10 | 76 | 1745 | | | .3 | | 0.245 | 0.160 | 1.400 | 1.550 | 0.780 | 19.800 | 505.0 | 7.0 | | |
| 26 | 11 | 76 | 1320 | | | .3 | | 0.480 | 0.200 | 1.720 | 3.600 | 0.170 | 15.900 | 507.0 | 33.0 | | |
| 16 | 12 | 76 | 1355 | | | .3 | | 0.159 | 0.066 | 2.250 | 2.400 | 0.350 | 19.700 | 521.0 | 15.0 | | |

MAXIMUM 0.480 0.200 2.250 3.600 1.280 20.000 613.0 134.0
 AVG OR GEOM MN (+) 0.255 0.115 1.168 1.835 0.443 15.828 509.9 49.6
 MINIMUM 0.148 0.030 0.156 0.660 0.092 4.420 340.0 7.0

NO OF SAMPLES 8 8 8 8 8 8 7 7

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1100 | | | .3 | | 600 | 48.00 | 47.5 | | | | | | | |
| 23 | 04 | 76 | 1300 | | | .3 | | 700 | 13.00 | 30.0 | | | | | | | |
| 16 | 07 | 76 | 1000 | | | .3 | | 490 | 25.00 | 22.5 | | | | | | | |
| 27 | 08 | 76 | 1015 | | | .3 | | 760 | 21.00 | 44.5 | | | | | | | |
| 28 | 09 | 76 | 1000 | | | .3 | | 780 | 10.00 | 39.5 | | | | | | | |
| 27 | 10 | 76 | 1745 | | | .3 | | 780 | 4.50 | 30.0 | | | | | | | |
| 26 | 11 | 76 | 1320 | | | .3 | | 760 | 32.00 | 43.5 | | | | | | | |
| 16 | 12 | 76 | 1355 | | | .3 | | 800 | 17.00 | 41.0 | | | | | | | |

MAXIMUM 800 48.00 47.5
 AVG OR GEOM MN (+) 709 21.31 37.3
 MINIMUM 490 4.50 22.5

NO OF SAMPLES 8 8 8

B.O.W./ SITE: DUFFINS CREEK
 SAMPLE POINT: HIGHWAY 2, PICKERING
 STATION TYPE: RIVER

STATION ID: 06-0104-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STORET CODE: 02
 004
 3770

STN NO 5 LAT LONG U.T.M. 17 0655740.0 4857200.0 4 REGION 03 MILEAGE 3.60

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 02 | 76 | 1200 | | | .3 | | 29024 | 6 | | 14400. | 780. | 670. | | 1.0 | 11.8 | 3.4 |
| 23 | 04 | 76 | 1145 | | | .3 | | 29063 | 6 | | | | | | 10.2 | 12.0 | 1.0 |
| 11 | 06 | 76 | 1450 | | | .3 | | 29080 | 6 | | 300. | | 96. | | 23.0 | | 1.4 |
| 16 | 07 | 76 | 1100 | | | .3 | | 29121 | 6 | | 700. | | 144. | | 18.0 | 10.0 | 0.6 |
| 27 | 08 | 76 | 1030 | | | .3 | | 29151 | 6 | | 900. | 216. | 80. | | 21.0 | 9.6 | 0.4 |
| 28 | 09 | 76 | 1030 | | | .3 | | 29156 | 6 | | 500. | 80. | 64. | | 9.0 | 11.2 | 0.8 |
| 27 | 10 | 76 | 1655 | | | .3 | | 29213 | 6 | | 30. | 1. | 1. | | 3.0 | 14.0 | 2.0 |
| 26 | 11 | 76 | 1220 | | | .3 | | 29238 | 6 | | 60. | 44. | 80. | | 4.2 | 12.0 | 1.8 |
| 16 | 12 | 76 | 1250 | | | .3 | | 29258 | 6 4 | | 200. | 12. | 4. | | 1.0 | 12.5 | 1.2 |

MAXIMUM 14400. 780. 670. 23.0 14.0 3.4
 AVG OR GEOM MN (+) 386.* 44.* 44.* 10.0 11.6 1.4
 MINIMUM 30. 1. 1. 1.0 9.6 0.4

NO OF SAMPLES 8 6 8 9 8 9

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1200 | | | .3 | | 0.264 | 0.036 | 0.128 | 0.860 | 0.019 | 2.380 | 698.0 | 310.0 | | |
| 23 | 04 | 76 | 1145 | | | .3 | | 0.037 | 0.004 | 0.010 | 0.510 | 0.019 | 0.471 | | | | |
| 11 | 06 | 76 | 1450 | | | .3 | | 0.019 | 0.002 | 0.020 | 0.540 | 0.008 | 0.076 | 242.0 | 2.0 | | |
| 16 | 07 | 76 | 1100 | | | .3 | | 0.020 | 0.002 | 0.048 | 0.310 | 0.005 | 0.185 | 288.0 | 9.9 | | |
| 27 | 08 | 76 | 1030 | | | .3 | | 0.014 | 0.003 | 0.008 | 0.320 | 0.002 | 0.153 | 260.0 | 7.0 | | |
| 28 | 09 | 76 | 1030 | | | .3 | | 0.016 | 0.003 | 0.004 | 0.280 | 0.003 | 0.512 | 314.0 | 12.0 | | |
| 27 | 10 | 76 | 1655 | | | .3 | | 0.028 | 0.003 | 0.004 | 0.340 | 0.005 | 0.615 | 296.0 | 7.2 | | |
| 26 | 11 | 76 | 1220 | | | .3 | | 0.019 | 0.004 | 0.020 | 0.280 | 0.005 | 0.755 | 327.0 | 18.0 | | |
| 16 | 12 | 76 | 1250 | | | .3 | | 0.047 | 0.005 | 0.180 | 0.470 | 0.008 | 0.996 | 335.0 | 17.0 | | |

MAXIMUM 0.264 0.036 0.180 0.860 0.019 2.380 698.0 310.0
 AVG OR GEOM MN (+) 0.052 0.007 0.047 0.434 0.008 0.683 345.0 47.9
 MINIMUM 0.014 0.002 0.004 0.280 0.002 0.076 242.0 2.0

NO OF SAMPLES 9 9 9 9 9 9 8 8

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1200 | | | .3 | | 480 | 77.00 | 24.5 | | | | | | | |
| 23 | 04 | 76 | 1145 | | | .3 | | 470 | 8.90 | 16.0 | | | | | | | |
| 11 | 06 | 76 | 1450 | | | .3 | | 430 | 2.50 | 13.5 | | | | | | | |
| 16 | 07 | 76 | 1100 | | | .3 | | 443 | 7.00 | 15.0 | | | | | | | |
| 27 | 08 | 76 | 1030 | | | .3 | | 429 | 3.10 | 12.5 | | | | | | | |
| 28 | 09 | 76 | 1030 | | | .3 | | 510 | 7.20 | 15.0 | | | | | | | |
| 27 | 10 | 76 | 1655 | | | .3 | | 520 | 4.00 | 15.0 | | | | | | | |
| 26 | 11 | 76 | 1220 | | | .3 | | 495 | 8.50 | 13.0 | | | | | | | |
| 16 | 12 | 76 | 1250 | | | .3 | | 510 | 14.00 | 13.5 | | | | | | | |
| MAXIMUM | | | | | | | | 520 | 77.00 | 24.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 476 | 14.69 | 15.3 | | | | | | | |
| MINIMUM | | | | | | | | 429 | 2.50 | 12.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: DUFFINS CREEK
SAMPLE POINT: ONTARIO COUNTY ROAD 4
STATION TYPE: RIVER

STATION ID: 06-0104-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | | 6 | | LAT | | LONG | | U.T.M. 17 0655900.0 4861425.0 4 | | | | REGION 03 | | MILEAGE | | 7.10 | |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1400 | | | .3 | | 29021 | 6 | | 170. | 24. | 20. | | 2.5 | 9.0 | 1.6 |
| 22 | 04 | 76 | 1450 | | | .3 | | 29056 | 6 | | 300. | 28. | 52. | | 12.0 | 12.4 | 1.4 |
| 11 | 06 | 76 | 1330 | | | .3 | | 29076 | 6 | | 700. | | 32. | | 24.0 | | 1.2 |
| 15 | 07 | 76 | 1415 | | | .3 | | 29115 | 6 | | 500. | | 220. | | 18.0 | 8.8 | 0.8 |
| 27 | 08 | 76 | 1320 | | | .3 | | 29145 | 6 | | 260. | 36. | 16. | | 20.0 | 10.0 | 0.2 |
| 28 | 09 | 76 | 1320 | | | .3 | | 29162 | 6 | | 400. | 64. | 44. | | 8.4 | 12.0 | 0.8 |
| 27 | 10 | 76 | 1410 | | | .3 | | 29207 | 6 | | 130. | 1. | 8. | | 3.0 | 14.2 | 1.3 |
| 26 | 11 | 76 | 1010 | | | .3 | | 29233 | 6 | | 260. | 88. | 76. | | 4.0 | 12.6 | 1.6 |
| MAXIMUM | | | | | | | | | | | 700. | 88. | 220. | | 24.0 | 14.2 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 298.* | 23.* | 36.* | | 11.5 | 11.3 | 1.1 |
| MINIMUM | | | | | | | | | | | 130. | 1. | 8. | | 2.5 | 8.8 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 6 | 8 | | 8 | 7 | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1400 | | | .3 | | 0.128 | 0.008 | 0.042 | 0.700 | 0.007 | 0.823 | 404.0 | 103.0 | | |
| 22 | 04 | 76 | 1450 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.30 | 0.004 | 0.275 | | | | |
| 11 | 06 | 76 | 1330 | | | .3 | | 0.018 | 0.002 | 0.002L | 0.270 | 0.005 | 0.083 | 229.0 | 9.0 | | |
| 15 | 07 | 76 | 1415 | | | .3 | | 0.016 | 0.001 | 0.010 | 0.230 | 0.003 | 0.072 | 280.0 | 7.1 | | |
| 27 | 08 | 76 | 1320 | | | .3 | | 0.012 | 0.001 | 0.006 | 0.380 | 0.002 | 0.158 | 284.0 | 5.6 | | |
| 28 | 09 | 76 | 1320 | | | .3 | | 0.011 | 0.002 | 0.002 | 0.200 | 0.002 | 0.178 | 275.0 | 7.6 | | |
| 27 | 10 | 76 | 1410 | | | .3 | | 0.010 | 0.004 | 0.006 | 0.150 | 0.002 | 0.253 | 265.0 | 7.6 | | |
| 26 | 11 | 76 | 1010 | | | .3 | | 0.025 | 0.007 | 0.004 | 0.240 | 0.003 | 0.377 | 298.0 | 10.0 | | |
| MAXIMUM | | | | | | | | 0.128 | 0.008 | 0.042 | 0.700 | 0.007 | 0.823 | 404.0 | 103.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.029 | 0.003 | 0.010D | 0.309 | 0.004 | 0.277 | 290.7 | 21.4 | | |
| MINIMUM | | | | | | | | 0.010 | 0.001 | 0.002 | 0.150 | 0.002 | 0.072 | 229.0 | 5.6 | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1400 | | | .3 | | 490 | 41.00 | 22.0 | | | | | | | |
| 22 | 04 | 76 | 1450 | | | .3 | | 445 | 4.1 | 12.5 | | | | | | | |
| 11 | 06 | 76 | 1330 | | | .3 | | 420 | 3.30 | 9.3 | | | | | | | |
| 15 | 07 | 76 | 1415 | | | .3 | | 418 | 5.10 | 9.8 | | | | | | | |
| 27 | 08 | 76 | 1320 | | | .3 | | 420 | 3.30 | 8.4 | | | | | | | |
| 28 | 09 | 76 | 1320 | | | .3 | | 460 | 4.60 | 10.5 | | | | | | | |
| 27 | 10 | 76 | 1410 | | | .3 | | 480 | 3.00 | 10.5 | | | | | | | |
| 26 | 11 | 76 | 1010 | | | .3 | | 460 | 6.20 | 10.5 | | | | | | | |
| MAXIMUM | | | | | | | | 490 | 41.00 | 22.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 449 | 8.83 | 11.7 | | | | | | | |
| MINIMUM | | | | | | | | 418 | 3.00 | 8.4 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W. / SITE: DUFFINS CREEK
 SAMPLE POINT: HIGHWAY 7 GREENWOOD
 STATION TYPE: RIVER

STATION ID: 06-0104-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STORET CODE: 02
 004
 3770

| STN NO | 7 | LAT | LONG | U.T.M. 17 0654550.0 4865500.0 4 | | | | | | REGION 03 | | MILEAGE | 10.10 | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 02 76 1320 | | | .3 | | 29020 | 6 | | 50. | 1. | 16. | | 3.0 | 11.8 | 1.8 |
| 22 04 76 1420 | | | .3 | | 29055 | 6 | | 300. | 1. | 108. | | 12.0 | 10.6 | 1.2 |
| 15 07 76 1350 | | | .3 | | 29114 | 6 | | 300. | | 152. | | 18.0 | 8.3 | 0.6 |
| 27 08 76 1400 | | | .3 | | 29144 | 6 | | 200. | 20. | 16. | | 20.0 | 9.8 | 0.6 |
| 28 09 76 1355 | | | .3 | | 29163 | 6 | | 300. | 36. | 32. | | 8.4 | 11.0 | 0.8 |
| 27 10 76 1340 | | | .3 | | 29206 | 6 | | 400. | 1. | 12. | | 3.0 | 14.0 | 1.2 |
| MAXIMUM | | | | | | | | 400. | 36. | 152. | | 20.0 | 14.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 218.* | 4.* | 34.* | | 10.7 | 10.9 | 1.0 |
| MINIMUM | | | | | | | | 50. | 1. | 12. | | 3.0 | 8.3 | 0.6 |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 6 | | 6 | 6 | 6 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 02 76 1320 | | | .3 | | 0.040 | 0.007 | 0.036 | 0.430 | 0.005 | 0.755 | 318.0 | 55.0 | | |
| 22 04 76 1420 | | | .3 | | 0.014 | 0.001 | 0.004 | 0.25 | 0.004 | 0.191 | | | | |
| 15 07 76 1350 | | | .3 | | 0.018 | 0.005 | 0.004 | 0.220 | 0.010 | 0.085 | 271.0 | 5.4 | | |
| 27 08 76 1400 | | | .3 | | 0.012 | 0.002 | 0.006 | 0.140 | 0.002 | 0.158 | 271.0 | 2.3 | | |
| 28 09 76 1355 | | | .3 | | 0.011 | 0.004 | 0.008 | 0.170 | 0.002 | 0.183 | 267.0 | 11.0 | | |
| 27 10 76 1340 | | | .3 | | 0.012 | 0.005 | 0.010 | 0.180 | 0.002 | 0.248 | 242.0 | 3.9 | | |
| MAXIMUM | | | | | 0.040 | 0.007 | 0.036 | 0.430 | 0.010 | 0.755 | 318.0 | 55.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.018 | 0.004 | 0.011 | 0.232 | 0.004 | 0.270 | 273.8 | 15.5 | | |
| MINIMUM | | | | | 0.011 | 0.001 | 0.004 | 0.140 | 0.002 | 0.085 | 242.0 | 2.3 | | |
| NO OF SAMPLES | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 02 76 1320 | | | .3 | | 485 | 6.60 | 19.0 | | | | | | | |
| 22 04 76 1420 | | | .3 | | 420 | 4.4 | 8.0 | | | | | | | |
| 15 07 76 1350 | | | .3 | | 406 | 4.60 | 5.8 | | | | | | | |
| 27 08 76 1400 | | | .3 | | 420 | 3.60 | 8.4 | | | | | | | |
| 28 09 76 1355 | | | .3 | | 445 | 5.60 | 5.7 | | | | | | | |
| 27 10 76 1340 | | | .3 | | 450 | 2.20 | 6.3 | | | | | | | |
| MAXIMUM | | | | | 485 | 6.60 | 19.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 438 | 4.50 | 8.9 | | | | | | | |
| MINIMUM | | | | | 406 | 2.20 | 5.7 | | | | | | | |
| NO OF SAMPLES | | | | | 6 | 6 | 6 | | | | | | | |

B.O.W. / SITE: MITCHELL CREEK
 SAMPLE POINT: ONTARIO COUNTY ROAD 1
 STATION TYPE: RIVER FLOW GAUGE FED 02HC045

STATION ID: 06-0104-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STORET CODE: 02
 004
 3770

| STN NO | 8 | LAT | LONG | U.T.M. 17 0650375.0 4869100.0 4 | REGION 03 | MILEAGE | 14.40 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 02 76 1150 | | | .3 | | 29015 | 6 | 12.00 | 80. | 4. | 16. | | 1.0 | 10.8 | 2.2 |
| 22 04 76 1150 | | | .3 | | 29048 | 6 | 5.10 | 100. | 1. | 100. | | 11.0 | 11.0 | 1.0 |
| 11 06 76 1200 | | | .3 | | 29071 | 6 | 1.60 | 200. | | 276. | | 20.0 | | 1.2 |
| 15 07 76 1150 | | | .3 | | 29110 | 6 | 3.10 | 100. | | 264. | | 18.0 | 7.2 | 0.4 |
| 30 08 76 1240 | | | .3 | | 29140 | 6 | 2.00 | 800. | 168. | 144. | | 14.0 | 11.2 | 0.4 |
| 28 09 76 1610 | | | .3 | | 29167 | 6 | 5.10 | 180. | 48. | 44. | | 7.2 | 10.1 | 0.8 |
| 27 10 76 0950 | | | .3 | | 29202 | 6 | 3.80 | 230. | 4. | 1. | | 2.0 | 14.0 | 1.4 |
| MAXIMUM | | | | | | | 12.00 | 800. | 168. | 276. | | 20.0 | 14.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | 4.67 | 176.* | 11.* | 50.* | | 10.5 | 10.7 | 1.1 |
| MINIMUM | | | | | | | 1.60 | 80. | 1. | 1. | | 1.0 | 7.2 | 0.4 |
| NO OF SAMPLES | | | | | | | 7 | 7 | 5 | 7 | | 7 | 6 | 7 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1150 | | | | .3 | 0.051 | 0.008 | 0.024 | 0.520 | 0.006 | 1.030 | 343.0 | 19.0 | | |
| 22 | 04 | 76 | 1150 | | | | .3 | 0.014 | 0.002 | 0.002 | 0.35 | 0.003 | 0.057 | | | | |
| 11 | 06 | 76 | 1200 | | | | .3 | 0.016 | 0.002 | 0.008 | 0.420 | 0.004 | 0.476 | 245.0 | 4.5 | | |
| 15 | 07 | 76 | 1150 | | | | .3 | 0.025 | 0.010 | 0.002L | 0.300 | 0.010 | 0.065 | 338.0 | 4.4 | | |
| 30 | 08 | 76 | 1240 | | | | .3 | 0.018 | 0.006 | 0.004 | 0.270 | 0.001 | 0.054 | 290.0 | 6.2 | | |
| 28 | 09 | 76 | 1610 | | | | .3 | 0.012 | 0.006 | 0.009 | 0.240 | 0.002 | 0.118 | 322.0 | 3.5 | | |
| 27 | 10 | 76 | 0950 | | | | .3 | 0.018 | 0.010 | 0.012 | 0.250 | 0.002 | 0.153 | 291.0 | 6.3 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.051 0.010 0.024 0.520 0.010 1.030 343.0 19.0
0.022 0.006 0.009D 0.336 0.004 0.279 304.8 7.3
0.012 0.002 0.002 0.240 0.001 0.054 245.0 3.5

NO OF SAMPLES

7 7 7 7 7 7 6 6

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1150 | | | | .3 | 500 | 5.70 | 29.0 | | | | | | | |
| 22 | 04 | 76 | 1150 | | | | .3 | 480 | 2.0 | 17.5 | | | | | | | |
| 11 | 06 | 76 | 1200 | | | | .3 | 430 | 2.00 | 5.3 | | | | | | | |
| 15 | 07 | 76 | 1150 | | | | .3 | 494 | 3.70 | 11.0 | | | | | | | |
| 30 | 08 | 76 | 1240 | | | | .3 | 455 | 2.50 | 6.3 | | | | | | | |
| 28 | 09 | 76 | 1610 | | | | .3 | 540 | 2.00 | 11.0 | | | | | | | |
| 27 | 10 | 76 | 0950 | | | | .3 | 550 | 3.00 | 12.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

550 5.70 29.0
493 2.99 13.2
430 2.0 5.3

NO OF SAMPLES

7 7 7

B.O.W./ SITE: WEST DUFFINS CREEK
SAMPLE POINT: AT CLARKES HOLLOW
STATION TYPE: RIVER

STATION ID: 06-0104-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 9 LAT LONG U.T.M. 17 0650000.0 4859050.0 4 REGION 03 MILEAGE 7.90

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 02 | 76 | 1300 | | | | .3 | 29019 | 6 | | 96000. | 1400. | 600. G | | 1.0 | 11.8 | 6.0 |
| 23 | 04 | 76 | 1100 | | | | .3 | 29059 | 6 | | 200. | 100. L | 10.0 | | 10.0 | 11.0 | 1.0 |
| 11 | 06 | 76 | 1350 | | | | .3 | 29078 | 6 | | 400. | | 12. | | 25.0 | | 1.8 |
| 15 | 07 | 76 | 1525 | | | | .3 | 29118 | 6 | | 400. | | 880. | | 19.0 | 8.8 | 0.6 |
| 27 | 08 | 76 | 1200 | | | | .3 | 29148 | 6 | | 200. | 40. | 20. | | 18.0 | 11.0 | 1.2 |
| 28 | 09 | 76 | 1145 | | | | .3 | 29159 | 6 | | 140. | 28. | 16. | | 13.0 | 12.6 | 1.0 |
| 27 | 10 | 76 | 1520 | | | | .3 | 29210 | 6 | | 90. | 4. | 1. | | 3.0 | 15.0 | 1.9 |
| 26 | 11 | 76 | 1140 | | | | .3 | 29236 | | | 50. | 20. | 24. | | | | 1.6 |
| 16 | 12 | 76 | 1130 | | | | .3 | 29255 | 6 | | 150. | 8. | 40. | | 1.0 | 12.8 | 1.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

96000. 1400. 880.
338.* 37.* D 30.0*U
50. 4. 1.

NO OF SAMPLES

9 7 9 8 7 9

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1300 | | | | .3 | 0.580 | 0.063 | 0.152 | 0.960 | 0.021 | 2.980 | 1157.0 | 755.0 | | |
| 23 | 04 | 76 | 1100 | | | | .3 | 0.100 | 0.013 | 0.008 | 0.720 | 0.037 | 0.738 | | | | |
| 11 | 06 | 76 | 1350 | | | | .3 | 0.050 | 0.015 | 0.062 | 0.700 | 0.037 | 0.250 | 260.0 | 20.0 | | |
| 15 | 07 | 76 | 1525 | | | | .3 | 0.033 | 0.006 | 0.012 | 0.390 | 0.008 | 0.510 | 309.0 | 13.0 | | |
| 27 | 08 | 76 | 1200 | | | | .3 | 0.024 | 0.003 | 0.010 | 0.580 | 0.006 | 0.264 | 269.0 | 6.1 | | |
| 28 | 09 | 76 | 1145 | | | | .3 | 0.022 | 0.013 | 0.002 | 0.330 | 0.004 | 0.751 | 312.0 | 7.9 | | |
| 27 | 10 | 76 | 1520 | | | | .3 | 0.016 | 0.003 | 0.002L | 0.330 | 0.006 | 1.070 | 301.0 | 9.2 | | |
| 26 | 11 | 76 | 1140 | | | | .3 | 0.023 | 0.003 | 0.086 | 0.430 | 0.009 | 1.260 | 338. | 14. | | |
| 16 | 12 | 76 | 1130 | | | | .3 | 0.039 | 0.014 | 0.500 | 0.710 | 0.015 | 1.540 | 362.0 | 21.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.580 0.063 0.500 0.960 0.037 2.980 1157.0 755.0
0.099 0.015 0.093D 0.572 0.016 1.040 413.5 105.8
0.016 0.003 0.002 0.330 0.004 0.250 260.0 6.1

NO OF SAMPLES

9 9 9 9 9 9 8 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1300 | | .3 | | 550 | 270.00 | 25.5 | | | | | | | |
| 23 | 04 | 76 | 1100 | | .3 | | 465 | 17.00 | 16.0 | | | | | | | |
| 11 | 06 | 76 | 1350 | | .3 | | 400 | 5.00 | 16.0 | | | | | | | |
| 15 | 07 | 76 | 1525 | | .3 | | 455 | 5.60 | 17.0 | | | | | | | |
| 27 | 08 | 76 | 1200 | | .3 | | 420 | 3.30 | 14.0 | | | | | | | |
| 28 | 09 | 76 | 1145 | | .3 | | 500 | 4.20 | 17.0 | | | | | | | |
| 27 | 10 | 76 | 1520 | | .3 | | 520 | 3.50 | 17.0 | | | | | | | |
| 26 | 11 | 76 | 1140 | | .3 | | 530 | 6.6 | 15.5 | | | | | | | |
| 16 | 12 | 76 | 1130 | | .3 | | 550 | 9.50 | 16.5 | | | | | | | |

| | | | |
|--------------------|-----|--------|------|
| MAXIMUM | 550 | 270.00 | 25.5 |
| AVG OR GEOM MN (*) | 488 | 36.08 | 17.2 |
| MINIMUM | 400 | 3.30 | 14.0 |
| NO OF SAMPLES | 9 | 9 | 9 |

B.O.W./ SITE: WEST DUFFINS CREEK
SAMPLE POINT: HIGHWAY 7 GREEN RIVER
STATION TYPE: RIVER FLOW GAUGE FED 02HC026

STATION ID: 06-0104-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | 10 | LAT | LONG | U.T.M. 17 0646050.0 4862350.0 4 | | | | REGION 03 | MILEAGE | 11.80 | | | | | | |
|--------------------|-----------|----------|-------------|---------------------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1240 | | .3 | | 29018 | 6 | 103.00 | 15000. G | 2000. | 600. G | | 0.9 | 10.4 | 2.8 |
| 22 | 04 | 76 | 1300 | | .3 | | 29051 | 6 | 29.10 | 300. | 1. | 1. | | 12.0 | 11.6 | 1.6 |
| 11 | 06 | 76 | 1245 | | .3 | | 29074 | 6 | 15.10 | 1000. | | 52. | | 23.0 | | 1.6 |
| 15 | 07 | 76 | 1310 | | .3 | | 29113 | 6 | 20.70 | 1400. | | 172. | | 18.0 | 8.4 | 0.8 |
| 27 | 08 | 76 | 1430 | | .3 | | 29143 | 6 | 14.00 | 900. | 252. | 92. | | 18.0 | 11.6 | 0.8 |
| 28 | 09 | 76 | 1510 | | .3 | | 29164 | 6 | 22.90 | 2600. | 28. | 32. | | 8.9 | 12.0 | 1.0 |
| 27 | 10 | 76 | 1220 | | .3 | | 29205 | 6 | 22.00 | 280. | 1. | 4. | | 2.6 | 16.0 | 2.1 |
| 26 | 11 | 76 | 0930 | | .3 | | 29232 | 6 | 21.00 | 310. | 164. | 44. | | 2.8 | 12.0 | 1.8 |
| 16 | 12 | 76 | 0940 | | .3 | | 29252 | 6 4 | 16.10 | 90. | 8. | 8. | | 1.2 | 13.2 | 1.4 |
| MAXIMUM | | | | | | | | | 103.00 | 15000. | 2000. | 600. | | 23.0 | 16.0 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | 29.32 | 787.* U | 29.* | 30.* U | | 9.7 | 11.9 | 1.5 |
| MINIMUM | | | | | | | | | 14.00 | 90. | 1. | 1. | | 0.9 | 8.4 | 0.8 |
| NO OF SAMPLES | | | | | | | | | 9 | 9 | 7 | 9 | | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1240 | | .3 | | 0.111 | 0.052 | 0.110 | 0.680 | 0.013 | 3.240 | | 13.0 | | |
| 22 | 04 | 76 | 1300 | | .3 | | 0.061 | 0.035 | 0.034 | 0.49 | 0.052 | 0.828 | | | | |
| 11 | 06 | 76 | 1245 | | .3 | | 0.130 | 0.100 | 0.042 | 0.540 | 0.033 | 0.636 | 265.0 | 4.3 | | |
| 15 | 07 | 76 | 1310 | | .3 | | 0.058 | 0.035 | 0.018 | 0.440 | 0.020 | 1.030 | 347.0 | 3.4 | | |
| 27 | 08 | 76 | 1430 | | .3 | | 0.034 | 0.011 | 0.002L | 0.280 | 0.007 | 0.813 | 284.0 | 5.0 | | |
| 28 | 09 | 76 | 1510 | | .3 | | 0.047 | 0.043 | 0.004 | 0.330 | 0.009 | 0.986 | 331.0 | 2.3 | | |
| 27 | 10 | 76 | 1220 | | .3 | | 0.035 | 0.026 | 0.150 | 0.530 | 0.010 | 1.240 | 294.0 | 2.2 | | |
| 26 | 11 | 76 | 0930 | | .3 | | 0.034 | 0.013 | 0.160 | 0.550 | 0.010 | 1.360 | 328.0 | 5.4 | | |
| 16 | 12 | 76 | 0940 | | .3 | | 0.042 | 0.023 | 0.346 | 0.600 | 0.011 | 1.690 | 344.0 | 4.7 | | |
| MAXIMUM | | | | | | | 0.130 | 0.100 | 0.346 | 0.680 | 0.052 | 3.240 | 347.0 | 13.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.061 | 0.038 | 0.096D | 0.493 | 0.018 | 1.314 | 313.3 | 5.0 | | |
| MINIMUM | | | | | | | 0.034 | 0.011 | 0.002 | 0.280 | 0.007 | 0.636 | 265.0 | 2.2 | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 8 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1240 | | .3 | | 600 | | 38.0 | | | | | | | |
| 22 | 04 | 76 | 1300 | | .3 | | 465 | 2.0 | 16. | | | | | | | |
| 11 | 06 | 76 | 1245 | | .3 | | 435 | 1.80 | 15.0 | | | | | | | |
| 15 | 07 | 76 | 1310 | | .3 | | 484 | 2.40 | 18.0 | | | | | | | |
| 27 | 08 | 76 | 1430 | | .3 | | 440 | 2.50 | 15.0 | | | | | | | |
| 28 | 09 | 76 | 1510 | | .3 | | 530 | 1.80 | 17.5 | | | | | | | |
| 27 | 10 | 76 | 1220 | | .3 | | 540 | 1.60 | 17.0 | | | | | | | |
| 26 | 11 | 76 | 0930 | | .3 | | 540 | 3.00 | 14.0 | | | | | | | |
| 16 | 12 | 76 | 0940 | | .3 | | 540 | 6.00 | 18.5 | | | | | | | |
| MAXIMUM | | | | | | | 600 | 6.00 | 38.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 508 | 2.64 | 18.8 | | | | | | | |
| MINIMUM | | | | | | | 435 | 1.60 | 14.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 9 | 8 | 9 | | | | | | | |

B.O.W./ SITE: STOUFFVILLE CREEK
SAMPLE POINT: DOWNSTREAM FROM STOUFFVILLE STP.
STATION TYPE: RIVER FLOW GAUGE FED 02HC035

STATION ID: 06-0104-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | 11 | LAT | LONG | U.T.M. 17 0641000.0 4869475.0 4 | | | | | | | | REGION 03 | MILEAGE | 17.20 | | |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1105 | | .3 | | 29011 | 6 | 9.50 | 26100E+2 | 38000. | 2200. | | 4.5 | 10.0 | 7.2 |
| 22 | 04 | 76 | 1045 | | .3 | | 29044 | 6 | 3.60 | 4700. | 100. | 84. | | 13.0 | 11.0 | 9.0 |
| 11 | 06 | 76 | 1106 | | .3 | | 29067 | 6 | 2.50 | 8600. | | 80. | | 20.0 | | 9.0 |
| 15 | 07 | 76 | 1000 | | .3 | | 29106 | 6 | 4.00 | 300. | | 312. | | 18.0 | 9.2 | 12.0 |
| 30 | 08 | 76 | 1048 | | .3 | | 29136 | 6 | 2.60 | 14000E+1 | 8300. | 440. | | 14.0 | 11.8 | 1.8 |
| 28 | 09 | 76 | 1715 | | .3 | | 29171 | 6 | 3.50 | 10000. | 420. | 150. | | 8.1 | 9.2 | 4.4 |
| 26 | 10 | 76 | 1520 | | .3 | | 29198 | 6 | 4.30 | 1100. | 28. | 10. | | 3.0 | 12.4 | 7.7 |
| 25 | 11 | 76 | 1500 | | .3 | | 29230 | 6 | 3.30 | 8900. | 412. | 112. | | 3.0 | 11.0 | 8.5 |
| 15 | 12 | 76 | 1400 | | .3 | | 29251 | 6 4 | 2.90 | 200. | 40. | 10. L | | 4.0 | 11.6 | 8.0 |

| | | | | | | | | |
|--------------------|------|----------|--------|---------|--|------|------|------|
| MAXIMUM | 9.50 | 26100E+2 | 38000. | 2200. | | 20.0 | 12.4 | 12.0 |
| AVG OR GEOM MN (*) | 4.02 | 7621.* | 483.* | 115.* D | | 9.7 | 10.8 | 7.5 |
| MINIMUM | 2.50 | 200. | 28. | 10. | | 3.0 | 9.2 | 1.8 |
| NO OF SAMPLES | 9 | 9 | 7 | 9 | | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 25 | 02 | 76 | 1105 | | .3 | | 0.370 | 0.210 | 1.140 | 1.600 | 0.140 | 2.910 | 428.0 | 10.0 | | |
| 22 | 04 | 76 | 1045 | | .3 | | 0.600 | 0.44 | 4.00 | 5.00 | 0.320 | 1.58 | | | | |
| 11 | 06 | 76 | 1106 | | .3 | | 0.770 | 0.650 | 4.200 | 4.800 | 0.400 | 1.060 | 410.0 | 10.0 | | |
| 15 | 07 | 76 | 1000 | | .3 | | 0.580 | 0.290 | 3.380 | 4.600 | 0.024 | 1.730 | 500.0 | 38.0 | | |
| 30 | 08 | 76 | 1048 | | .3 | | 0.410 | 0.260 | 0.287 | 1.040 | 0.320 | 5.580 | 440.0 | 26.0 | | |
| 28 | 09 | 76 | 1715 | | .3 | | 0.420 | 0.310 | 0.530 | 1.200 | 0.190 | 3.010 | 400.0 | 17.0 | | |
| 26 | 10 | 76 | 1520 | | .3 | | 0.270 | 0.130 | 1.760 | 2.050 | 0.400 | 1.250 | 431.0 | 38.0 | | |
| 25 | 11 | 76 | 1500 | | .3 | | 0.330 | 0.240 | 3.260 | 3.700 | 0.080 | 2.670 | 433.0 | 37.0 | | |
| 15 | 12 | 76 | 1400 | | .3 | | 0.295 | 0.080 | 2.620 | 3.670 | 0.110 | 2.100 | 444.0 | 12.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|------|
| MAXIMUM | 0.770 | 0.650 | 4.200 | 5.00 | 0.400 | 5.580 | 500.0 | 38.0 |
| AVG OR GEOM MN (*) | 0.449 | 0.290 | 2.353 | 3.073 | 0.220 | 2.432 | 435.8 | 23.5 |
| MINIMUM | 0.270 | 0.080 | 0.287 | 1.040 | 0.024 | 1.060 | 400.0 | 10.0 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 | 02 | 76 | 1105 | | .3 | | 650 | 4.40 | 45.0 | | | | | | | |
| 22 | 04 | 76 | 1045 | | .3 | | 650 | 7.7 | 48.5 | | | | | | | |
| 11 | 06 | 76 | 1106 | | .3 | | 700 | 3.50 | 50.0 | | | | | | | |
| 15 | 07 | 76 | 1000 | | .3 | | 660 | 21.00 | 44.5 | | | | | | | |
| 30 | 08 | 76 | 1048 | | .3 | | 660 | 7.20 | 48.5 | | | | | | | |
| 28 | 09 | 76 | 1715 | | .3 | | 660 | 6.20 | 46.5 | | | | | | | |
| 26 | 10 | 76 | 1520 | | .3 | | 650 | 8.50 | 37.5 | | | | | | | |
| 25 | 11 | 76 | 1500 | | .3 | | 680 | 18.00 | 42.0 | | | | | | | |
| 15 | 12 | 76 | 1400 | | .3 | | 700 | 6.80 | 49.0 | | | | | | | |

| | | | | | | | | |
|--------------------|-----|-------|------|--|--|--|--|--|
| MAXIMUM | 700 | 21.00 | 50.0 | | | | | |
| AVG OR GEOM MN (*) | 668 | 9.26 | 45.7 | | | | | |
| MINIMUM | 650 | 3.50 | 37.5 | | | | | |
| NO OF SAMPLES | 9 | 9 | 9 | | | | | |

B.O.W./ SITE: STOUFFVILLE CREEK
SAMPLE POINT: FIRST ROAD NORTH OF STOUFFVILLE
STATION TYPE: RIVER

STATION ID: 06-0104-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | 12 | LAT | LONG | U.T.M. 17 0640000.0 4871900.0 4 | | | | | | | | REGION 03 | MILEAGE | 21.20 | | | |
|---------|--------|-------|------|---------------------------------|---------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1030 | | | .3 | | 29010 | 6 | | 40. | 4. | 48. | | 3.5 | 10.0 | 2.0 |
| 22 | 04 | 76 | 1000 | | | .3 | | 29043 | 6 | | 200. | 1. | 28. | | 12.0 | 10.0 | 1.0 |
| 11 | 06 | 76 | 1005 | | | .3 | | 29066 | 6 | | 2400. | | 28. | | 15.2 | | 1.0 |
| 15 | 07 | 76 | 0900 | | | .3 | | 29105 | 6 | | 300. | | 180. | | 14.0 | 9.2 | 0.4 |
| 30 | 08 | 76 | 1015 | | | .3 | | 29135 | 6 | | 500. | 120. | 196. | | 12.0 | 10.2 | 0.8 |
| 28 | 09 | 76 | 1730 | | | .3 | | 29172 | 6 | | 400. | 44. | 52. | | 8.4 | 10.8 | 1.0 |
| 26 | 10 | 76 | 1445 | | | .3 | | 29197 | 6 | | 70. | 16. | 16. | | 3.0 | 12.4 | 0.7 |
| 25 | 11 | 76 | 1430 | | | .3 | | 29229 | 6 | | 72. | 16. | 4. | | 3.0 | 11.9 | 1.0 |
| 15 | 12 | 76 | 1330 | | | .3 | | 29250 | 6 4 | | 8. | 8. | 2. L | | 4.0 | 11.2 | 0.2 |

| | | | | | | | |
|--------------------|-------|------|--------|--|------|------|-----|
| MAXIMUM | 2400. | 120. | 196. | | 15.2 | 12.4 | 2.0 |
| AVG OR GEOM MN (*) | 153.* | 12.* | 27.* D | | 8.3 | 10.7 | 0.9 |
| MINIMUM | 8. | 1. | 2. | | 3.0 | 9.2 | 0.2 |
| NO OF SAMPLES | 9 | 7 | 9 | | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1030 | | | .3 | | 0.031 | 0.007 | 0.052 | 0.680 | 0.014 | 1.410 | 337.0 | 8.0 | | |
| 22 | 04 | 76 | 1000 | | | .3 | | 0.036 | 0.001 | 0.004 | 0.40 | 0.005 | 0.165 | | | | |
| 11 | 06 | 76 | 1005 | | | .3 | | 0.025 | 0.001 | 0.004 | 0.240 | 0.003 | 0.005L | 252.0 | 12.0 | | |
| 15 | 07 | 76 | 0900 | | | .3 | | 0.020 | 0.005 | 0.002 | 0.310 | 0.002 | 0.048 | 339.0 | 6.6 | | |
| 30 | 08 | 76 | 1015 | | | .3 | | 0.044 | 0.016 | 0.006 | 0.250 | 0.002 | 0.005L | 288.0 | 5.2 | | |
| 28 | 09 | 76 | 1730 | | | .3 | | 0.017 | 0.005 | 0.013 | 0.320 | 0.006 | 0.059 | 292.0 | 6.8 | | |
| 26 | 10 | 76 | 1445 | | | .3 | | 0.020 | 0.003 | 0.014 | 0.260 | 0.002 | 0.113 | 324.0 | 5.1 | | |
| 25 | 11 | 76 | 1430 | | | .3 | | 0.033 | 0.005 | 0.006 | 0.250 | 0.002 | 0.068 | 330.0 | 14.0 | | |
| 15 | 12 | 76 | 1330 | | | .3 | | 0.018 | 0.004 | 0.042 | 0.220 | 0.002 | 0.033 | 323.0 | 7.7 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|--------|-------|------|--|
| | | | | | | | | MAXIMUM | 0.044 | 0.016 | 0.052 | 0.680 | 0.014 | 1.410 | 339.0 | 14.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.027 | 0.005 | 0.016 | 0.326 | 0.004 | 0.212D | 310.6 | 8.2 | |
| | | | | | | | | MINIMUM | 0.017 | 0.001 | 0.002 | 0.220 | 0.002 | 0.005 | 252.0 | 5.1 | |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1030 | | | .3 | | 500 | | 11.5 | | | | | | | |
| 22 | 04 | 76 | 1000 | | | .3 | | 480 | 6.5 | 17.5 | | | | | | | |
| 11 | 06 | 76 | 1005 | | | .3 | | 464 | 3.60 | 5.3 | | | | | | | |
| 15 | 07 | 76 | 0900 | | | .3 | | 480 | 3.20 | 8.0 | | | | | | | |
| 30 | 08 | 76 | 1015 | | | .3 | | 475 | 3.60 | 6.3 | | | | | | | |
| 28 | 09 | 76 | 1730 | | | .3 | | 500 | 2.20 | 8.9 | | | | | | | |
| 26 | 10 | 76 | 1445 | | | .3 | | 520 | 2.60 | 9.7 | | | | | | | |
| 25 | 11 | 76 | 1430 | | | .3 | | 490 | 5.60 | 7.1 | | | | | | | |
| 15 | 12 | 76 | 1330 | | | .3 | | 490 | 3.80 | 6.8 | | | | | | | |
| | | | | | | | | MAXIMUM | 520 | 6.5 | 17.5 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 489 | 3.89 | 9.0 | | | | | | |
| | | | | | | | | MINIMUM | 464 | 2.20 | 5.3 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 9 | 8 | 9 | | | | | | |

B.O.W./ SITE: WEST DUFFINS CREEK
SAMPLE POINT: AT VALLEY FARM ROAD NORTH OF FINCH AVE
STATION TYPE: RIVER FLOW GAUGE FED 02HC106

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STATION ID: 06-0104-013-02

STORET CODE: 02
004
3770

| STN NO | 13 | LAT | LONG | U.T.M. 17 0654650.0 4856900.0 4 | REGION 03 | MILEAGE | 5.20 | | | | | | | | | | | |
|--------------------|-----------|----------|------------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 26 | 02 | 76 | 1330 | | | .3 | | 29025 | 6 | 135.00 | 12000. | 700. | 1600. | | 2.0 | 12.0 | 3.6 | |
| 23 | 04 | 76 | 1000 | | | .3 | | 29061 | 6 | 25.40 | 100. | 100. | L 100. | L | 10.5 | 11.6 | 1.4 | |
| 11 | 06 | 76 | 1400 | | | .3 | | 29079 | 6 | 16.70 | 40. | | 12. | | 23.0 | | 1.6 | |
| 15 | 07 | 76 | 1545 | | | .3 | | 29119 | 6 | 20.20 | 500. | | 80. | | 20.0 | 10.4 | 1.0 | |
| 27 | 08 | 76 | 1100 | | | .3 | | 29150 | 6 | 12.40 | 200. | 80. | 52. | | 21.0 | 9.8 | 0.4 | |
| 28 | 09 | 76 | 1100 | | | .3 | | 29157 | 6 | 18.70 | 740. | 40. | 8. | | 9.0 | 10.0 | 1.0 | |
| 27 | 10 | 76 | 1630 | | | .3 | | 29212 | 6 | 19.90 | 100. | 1. | 1. | | 3.0 | 15.1 | 1.9 | |
| 26 | 11 | 76 | 1200 | | | .3 | | 29237 | 6 | 30.00 | 30. | 4. | 32. | | 4.0 | 12.0 | 2.0 | |
| 16 | 12 | 76 | 1220 | | | .3 | | 29257 | 6 4 | 11.80 | 110. | 12. | 20. | | 0.8 | 13.1 | 1.2 | |
| | | | | | | | | | | | 135.00 | 12000. | 700. | 1600. | | 23.0 | 15.1 | 3.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 32.23 | 219.* | 27.* D | 33.* D | | 10.4 | 11.8 | 1.6 |
| MINIMUM | | | | | | | | | | | 11.80 | 30. | 1. | 1. | | 0.8 | 9.8 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 7 | 9 | | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1330 | | | .3 | | 0.200 | 0.039 | 0.098 | 0.800 | 0.026 | 3.230 | 959.0 | 563.0 | | |
| 23 | 04 | 76 | 1000 | | | .3 | | 0.047 | 0.006 | 0.006 | 0.610 | 0.035 | 0.710 | | | | |
| 11 | 06 | 76 | 1400 | | | .3 | | 0.021 | 0.004 | 0.002 | 0.480 | 0.017 | 0.079 | 259.0 | 2.0 | | |
| 15 | 07 | 76 | 1545 | | | .3 | | 0.022 | 0.002 | 0.014 | 0.390 | 0.006 | 0.229 | 281.0 | 11.0 | | |
| 27 | 08 | 76 | 1100 | | | .3 | | 0.018 | 0.002 | 0.011 | 0.340 | 0.003 | 0.177 | 273.0 | 2.3 | | |
| 28 | 09 | 76 | 1100 | | | .3 | | 0.020 | 0.007 | 0.002 | 0.360 | 0.004 | 0.766 | 334.0 | 8.3 | | |
| 27 | 10 | 76 | 1630 | | | .3 | | 0.016 | 0.003 | 0.002L | 0.400 | 0.008 | 0.962 | 293.0 | 8.9 | | |
| 26 | 11 | 76 | 1200 | | | .3 | | 0.020 | 0.003 | 0.048 | 0.360 | 0.008 | 1.190 | 328.0 | 10.0 | | |
| 16 | 12 | 76 | 1220 | | | .3 | | 0.040 | 0.010 | 0.380 | 0.630 | 0.015 | 1.360 | 369.0 | 25.0 | | |
| | | | | | | | | MAXIMUM | 0.200 | 0.039 | 0.380 | 0.800 | 0.035 | 3.230 | 959.0 | 563.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.045 | 0.008 | 0.063D | 0.486 | 0.014 | 0.967 | 387.0 | 78.8 | |
| | | | | | | | | MINIMUM | 0.016 | 0.002 | 0.002 | 0.340 | 0.003 | 0.079 | 259.0 | 2.0 | |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1330 | | | .3 | | 455 | 140.00 | 23.0 | | | | | | | |
| 23 | 04 | 76 | 1000 | | | .3 | | 470 | 15.00 | 15.5 | | | | | | | |
| 11 | 06 | 76 | 1400 | | | .3 | | 395 | 2.00 | 15.0 | | | | | | | |
| 15 | 07 | 76 | 1545 | | | .3 | | 428 | 8.80 | 16.0 | | | | | | | |
| 27 | 08 | 76 | 1100 | | | .3 | | 467 | 2.90 | 14.5 | | | | | | | |
| 28 | 09 | 76 | 1100 | | | .3 | | 530 | 5.60 | 17.0 | | | | | | | |
| 27 | 10 | 76 | 1630 | | | .3 | | 520 | 3.60 | 17.5 | | | | | | | |
| 26 | 11 | 76 | 1200 | | | .3 | | 520 | 7.00 | 15.0 | | | | | | | |
| 16 | 12 | 76 | 1220 | | | .3 | | 560 | 20.00 | 17.5 | | | | | | | |
| MAXIMUM | | | | | | | | 560 | 140.00 | 23.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 483 | 22.77 | 16.8 | | | | | | | |
| MINIMUM | | | | | | | | 395 | 2.00 | 14.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: WEST DUFFINS CREEK
SAMPLE POINT: AT SIDELINE 32 SOUTH OF CONCESSION 7
STATION TYPE: RIVER FLOW GAUGE FED 02HCO38

STATION ID: 06-0104-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | 14 | LAT | LONG | U.T.M. 17 0646150.0 4863900.0 4 | | | | REGION 03 | MILEAGE | 13.50 | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1220 | | | .3 | | 29017 | 6 | 45.00 | 190. | 10. | 30. | | 0.8 | 10.8 | 2.0 |
| 22 | 04 | 76 | 1240 | | | .3 | | 29050 | 6 | 18.40 | 220. | 1. | 24. | | 11.5 | 11.4 | 1.0 |
| 11 | 06 | 76 | 1230 | | | .3 | | 29073 | 6 | 9.30 | 240. | | 24. | | 22.0 | | 1.6 |
| 15 | 07 | 76 | 1240 | | | .3 | | 29112 | 6 | 11.70 | 700. | | 224. | | 17.0 | 9.8 | 0.6 |
| 29 | 08 | 76 | 1510 | | | .3 | | 29142 | 6 | 10.20 | 1200. | 176. | 76. | | 17.0 | 8.6 | 0.6 |
| 28 | 09 | 76 | 1530 | | | .3 | | 29165 | 6 | 14.20 | 270. | 20. | 32. | | 8.8 | 13.0 | 0.8 |
| 27 | 10 | 76 | 1155 | | | .3 | | 29204 | 6 | 13.20 | 300. | 24. | 8. | | 3.0 | 13.2 | 1.8 |
| MAXIMUM | | | | | | | | | | 45.00 | 1200. | 176. | 224. | | 22.0 | 13.2 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 17.43 | 353.* | 15.* | 36.* | | 11.4 | 11.1 | 1.2 |
| MINIMUM | | | | | | | | | | 9.30 | 190. | 1. | 8. | | 0.8 | 8.6 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | 5 | 7 | | 7 | 6 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1220 | | | .3 | | 0.081 | 0.007 | 0.020 | 0.710 | 0.009 | 1.790 | | 45.0 | | |
| 22 | 04 | 76 | 1240 | | | .3 | | 0.015 | 0.003 | 0.008 | 0.41 | 0.006 | 0.534 | | | | |
| 11 | 06 | 76 | 1230 | | | .3 | | 0.021 | 0.005 | 0.021 | 0.390 | 0.470 | 1.580 | 257.0 | 3.0 | | |
| 15 | 07 | 76 | 1240 | | | .3 | | | 0.008 | 0.008 | 0.270 | | | 300.0 | 3.5 | | |
| 29 | 08 | 76 | 1510 | | | .3 | | 0.014 | 0.001 | 0.010 | 0.300 | 0.003 | 0.407 | 254.0 | 3.8 | | |
| 28 | 09 | 76 | 1530 | | | .3 | | 0.009 | 0.004 | 0.004 | 0.270 | 0.003 | 0.627 | 297.0 | 2.2 | | |
| 27 | 10 | 76 | 1155 | | | .3 | | 0.014 | 0.006 | 0.008 | 0.300 | 0.002 | 0.903 | 280.0 | 2.5 | | |
| MAXIMUM | | | | | | | | 0.081 | 0.007 | 0.021 | 0.710 | 0.470 | 1.790 | 300.0 | 45.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.026 | 0.004 | 0.011 | 0.379 | 0.082 | 0.974 | 277.6 | 10.0 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.004 | 0.270 | 0.002 | 0.407 | 254.0 | 2.2 | | |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 7 | 7 | 6 | 6 | 5 | 6 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 04 | 76 | 1240 | | | .3 | | 425 | 1.8 | 6.5 | | | | | | | |
| 11 | 06 | 76 | 1230 | | | .3 | | 390 | 1.20 | 5.4 | | | | | | | |
| 15 | 07 | 76 | 1240 | | | .3 | | 429 | 27.00 | 6.0 | | | | | | | |
| 29 | 08 | 76 | 1510 | | | .3 | | 385 | 2.30 | 5.5 | | | | | | | |
| 28 | 09 | 76 | 1530 | | | .3 | | 500 | 1.50 | 7.7 | | | | | | | |
| 27 | 10 | 76 | 1155 | | | .3 | | 500 | 1.60 | 7.7 | | | | | | | |
| MAXIMUM | | | | | | | | 500 | 27.00 | 7.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 438 | 5.80 | 6.5 | | | | | | | |
| MINIMUM | | | | | | | | 385 | 1.20 | 5.4 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | | | | | | | |

B.O.W. / SITE: REESOR CREEK
 SAMPLE POINT: SOUTH OF CONCESSION 8 PICKERING TOWNSHIP
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STATION ID: 06-0104-015-02

STORET CODE: 02
 004
 3770

| STN NO | 15 | LAT | LONG | U.T.M. 17 0644350.0 4866100.0 4 | | | | | | | | REGION 03 | MILEAGE | 15.70 | | | |
|--------------------|--------|---------|------|---------------------------------|---------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1205 | | | .3 | | 29016 | 6 | | 42000E+1 | 3600. | 420. | | 3.0 | 11.6 | 3.0 |
| 22 | 04 | 76 | 1220 | | | .3 | | 29049 | 6 | | 70. | 1. | 28. | | 11.0 | 11.0 | 3.6 |
| 11 | 06 | 76 | 1215 | | | .3 | | 29072 | 6 | | 1500. G | | 112. | | 23.0 | | 7.0 |
| 15 | 07 | 76 | 1215 | | | .3 | | 29111 | 6 | | 2100. | | 324. | | 17.0 | 8.8 | 3.6 |
| 30 | 08 | 76 | 1315 | | | .3 | | 29141 | 6 | | 22000. | 2030. | 480. | | 14.5 | 11.0 | 1.4 |
| 28 | 09 | 76 | 1550 | | | .3 | | 29166 | 6 | | 2500. | 400. | 160. | | 9.0 | 11.4 | 2.2 |
| 27 | 10 | 76 | 1035 | | | .3 | | 29203 | 6 | | 600. | 40. | 12. | | 2.2 | 14.4 | 4.2 |
| MAXIMUM | | | | | | | | | | | 42000E+1 | 3600. | 480. | | 23.0 | 14.4 | 7.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 3147. * U | 164. * | 122. * | | 11.4 | 11.4 | 3.6 |
| MINIMUM | | | | | | | | | | | 70. | 1. | 12. | | 2.2 | 8.8 | 1.4 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 5 | 7 | | 7 | 6 | 7 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 | 02 | 76 | 1205 | | | .3 | | 0.170 | 0.075 | 0.340 | 1.060 | 0.028 | 2.570 | 393.0 | 8.8 | | |
| 22 | 04 | 76 | 1220 | | | .3 | | 0.325 | 0.240 | 1.58 | 2.25 | 0.220 | 1.78 | | | | |
| 11 | 06 | 76 | 1215 | | | .3 | | 0.595 | 0.002 | 0.002 | 1.400 | 0.003 | 0.005L | 385.0 | 4.5 | | |
| 15 | 07 | 76 | 1215 | | | .3 | | 0.175 | 0.110 | 0.300 | 1.120 | 0.220 | 0.430 | 401.0 | 8.9 | | |
| 30 | 08 | 76 | 1315 | | | .3 | | 0.240 | 0.160 | 0.440 | 0.550 | 0.091 | 2.460 | 395.0 | 4.1 | | |
| 28 | 09 | 76 | 1550 | | | .3 | | 0.168 | 0.150 | 0.154 | 0.220 | 0.086 | 1.810 | 385.0 | 3.4 | | |
| 27 | 10 | 76 | 1035 | | | .3 | | 0.189 | 0.120 | | 2.060 | 0.031 | 1.520 | 347.0 | 8.7 | | |
| MAXIMUM | | | | | | | | 0.595 | 0.240 | 1.58 | 2.25 | 0.220 | 2.570 | 401.0 | 8.9 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.266 | 0.122 | 0.469 | 1.237 | 0.097 | 1.511D | 384.3 | 6.4 | | |
| MINIMUM | | | | | | | | 0.168 | 0.002 | 0.002 | 0.220 | 0.003 | 0.005 | 347.0 | 3.4 | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 6 | 7 | 7 | 7 | 6 | 6 | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 | 02 | 76 | 1205 | | | .3 | | 600 | 4.10 | 33.5 | | | | | | | |
| 22 | 04 | 76 | 1220 | | | .3 | | 600 | 2.4 | 33. | | | | | | | |
| 11 | 06 | 76 | 1215 | | | .3 | | 640 | 2.40 | 42.0 | | | | | | | |
| 15 | 07 | 76 | 1215 | | | .3 | | 560 | 4.50 | 33.0 | | | | | | | |
| 30 | 08 | 76 | 1315 | | | .3 | | 620 | 3.10 | 43.0 | | | | | | | |
| 28 | 09 | 76 | 1550 | | | .3 | | 600 | 2.80 | 30.5 | | | | | | | |
| 27 | 10 | 76 | 1035 | | | .3 | | 620 | 3.20 | 30.0 | | | | | | | |
| MAXIMUM | | | | | | | | 640 | 4.50 | 43.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 606 | 3.21 | 35.0 | | | | | | | |
| MINIMUM | | | | | | | | 560 | 2.4 | 30.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | | | | | | | |

B.O.W. / SITE: REESOR CREEK
 SAMPLE POINT: AT CONCESSION 9 EAST OF SIDELINE 34
 STATION TYPE: RIVER FLOW GAUGE FED 02HC040

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STATION ID: 06-0104-016-02

STORET CODE: 02
 004
 3770

| STN NO | 16 | LAT | LONG | U.T.M. 17 0643750.0 4868150.0 4 | REGION 03 | MILEAGE | 17.30 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 02 76 1120 | | | .3 | | 29012 | 6 | 10.50 | 1060. | 16. | 20. | | 1.0 | 11.0 | 2.0 |
| 22 04 76 1100 | | | .3 | | 29045 | 6 | 3.60 | 50. | 1. | 24. | | 12.0 | 12.0 | 1.0 |
| 11 06 76 1130 | | | .3 | | 29068 | 6 | 1.40 | 1020. | | 96. | | 20.0 | | 1.2 |
| 15 07 76 1030 | | | .3 | | 29107 | 6 | | 1500. | | 452. | | 17.0 | 7.2 | 0.8 |
| 30 08 76 1130 | | | .3 | | 29137 | 6 | | 1100. | 372. | 400. | | 13.0 | 11.4 | 0.6 |
| 28 09 76 1700 | | | .3 | | 29170 | 6 | | 400. | 104. | 44. | | 7.0 | 10.6 | 1.0 |
| 26 10 76 1550 | | | .3 | | 29199 | 6 | | 100. | 50. | 10. | | 2.8 | 14.2 | 1.0 |
| MAXIMUM | | | | | | | 10.50 | 1500. | 372. | 452. | | 20.0 | 14.2 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | 5.17 | 447.* | 31.* | 62.* | | 10.4 | 11.1 | 1.1 |
| MINIMUM | | | | | | | 1.40 | 50. | 1. | 10. | | 1.0 | 7.2 | 0.6 |
| NO OF SAMPLES | | | | | | | 3 | 7 | 5 | 7 | | 7 | 6 | 7 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 | 02 | 76 | 1120 | | | .3 | 0.044 | 0.015 | 0.042 | 0.650 | 0.007 | 0.903 | | 9.1 | | |
| 22 | 04 | 76 | 1100 | | | .3 | 0.012 | 0.003 | 0.008 | 0.36 | 0.006 | 0.729 | | | | |
| 11 | 06 | 76 | 1130 | | | .3 | 0.034 | 0.010 | 0.056 | 0.600 | 0.390 | 0.660 | 307.0 | 7.0 | | |
| 15 | 07 | 76 | 1030 | | | .3 | 0.029 | 0.012 | 0.004 | 0.570 | 0.010 | 0.580 | 346.0 | 2.4 | | |
| 30 | 08 | 76 | 1130 | | | .3 | 0.018 | 0.005 | 0.010 | 0.400 | 0.003 | 0.772 | 304.0 | 2.7 | | |
| 28 | 09 | 76 | 1700 | | | .3 | 0.018 | 0.006 | 0.004 | 0.350 | 0.003 | 0.727 | 303.0 | 2.4 | | |
| 26 | 10 | 76 | 1550 | | | .3 | 0.029 | 0.009 | 0.014 | 0.450 | 0.003 | 0.692 | 347.0 | 2.8 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.044 0.015 0.056 0.650 0.390 0.903 347.0 9.1
0.026 0.009 0.020 0.483 0.060 0.723 321.4 4.4
0.012 0.003 0.004 0.350 0.003 0.580 303.0 2.4

NO OF SAMPLES

7 7 7 7 7 7 5 6

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 25 | 02 | 76 | 1120 | | | .3 | 550 | 3.00 | 23.0 | | | | | | | |
| 22 | 04 | 76 | 1100 | | | .3 | 480 | 1.3 | 12.5 | | | | | | | |
| 11 | 06 | 76 | 1130 | | | .3 | 700 | 3.10 | 10.0 | | | | | | | |
| 15 | 07 | 76 | 1030 | | | .3 | 510 | 2.50 | 12.5 | | | | | | | |
| 30 | 08 | 76 | 1130 | | | .3 | 490 | 1.90 | 9.0 | | | | | | | |
| 28 | 09 | 76 | 1700 | | | .3 | 520 | 1.50 | 11.5 | | | | | | | |
| 26 | 10 | 76 | 1550 | | | .3 | 540 | 1.60 | 13.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

700 3.10 23.0
541 2.13 13.1
480 1.3 9.0

NO OF SAMPLES

7 7 7

B.O.W./ SITE: WEST DUFFINS CREEK
SAMPLE POINT: AT CONCESSION 9 EAST OF SIDELINE 30
STATION TYPE: RIVER FLOW GAUGE FED 02HCO41

STATION ID: 06-0104-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM-STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 17 LAT LONG U.T.M. 17 0645250.0 4868650.0 4 REGION 03 MILEAGE 17.30

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|------|------|------|-------|--------|-----|-------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOO |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | |
| 25 | 02 | 76 | 1130 | | | .3 | 29013 | 6 | 11.60 | 690. | 28. | 48. | | 0.5 | 10.6 | 2.8 |
| 22 | 04 | 76 | 1120 | | | .3 | 29046 | 6 | 12.30 | 400. | 4. | 1. | | 12.0 | 12.0 | 1.6 |
| 11 | 06 | 76 | 1140 | | | .3 | 29069 | 6 | 5.60 | 2200. | | 188. | | 22.0 | | 1.8 |
| 15 | 07 | 76 | 1100 | | | .3 | 29108 | 6 | 7.50 | 4000. | | 236. | | 17.0 | 7.0 | 0.8 |
| 30 | 08 | 76 | 1150 | | | .3 | 29138 | 6 | 5.70 | 480. | 152. | 160. | | 14.0 | 10.4 | 0.4 |
| 28 | 09 | 76 | 1645 | | | .3 | 29169 | 6 | 8.00 | 300. | 56. | 60. | | 7.4 | 8.1 | 1.0 |
| 26 | 10 | 76 | 1620 | | | .3 | 29200 | 6 | 7.90 | 10. | 1. | 12. | | 2.9 | 14.0 | 1.1 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

12.30 4000. 152. 236.
8.37 446.* 16.* 42.*
5.60 10. 1. 1.

22.0 14.0 2.8
10.8 10.4 1.4
0.5 7.0 0.4

NO OF SAMPLES

7 7 5 7 7 6 7

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 | 02 | 76 | 1130 | | | .3 | 0.085 | 0.007 | 0.050 | 0.800 | 0.011 | 1.290 | 331.0 | 38.0 | | |
| 22 | 04 | 76 | 1120 | | | .3 | 0.024 | 0.001 | 0.006 | 0.50 | 0.006 | 0.339 | | | | |
| 11 | 06 | 76 | 1140 | | | .3 | 0.031 | 0.007 | 0.028 | 0.430 | 0.013 | 0.711 | 217.0 | 6.0 | | |
| 15 | 07 | 76 | 1100 | | | .3 | 0.023 | 0.008 | 0.002L | 0.350 | 0.010 | 0.295 | 260.0 | 5.7 | | |
| 30 | 08 | 76 | 1150 | | | .3 | 0.022 | 0.005 | 0.012 | 0.330 | 0.003 | 0.147 | 370.0 | 4.7 | | |
| 28 | 09 | 76 | 1645 | | | .3 | 0.011 | 0.008 | 0.020 | 0.220 | 0.006 | 0.499 | 252.0 | 2.7 | | |
| 26 | 10 | 76 | 1620 | | | .3 | 0.015 | 0.004 | 0.010 | 0.240 | 0.003 | 0.617 | 284.0 | 2.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.085 0.008 0.050 0.800 0.013 1.290 370.0 38.0
0.030 0.006 0.018D 0.410 0.007 0.557 285.7 9.9
0.011 0.001 0.002 0.220 0.003 0.147 217.0 2.5

NO OF SAMPLES

7 7 7 7 7 6 6

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 25 | 02 | 76 | 1130 | | | .3 | 445 | 8.20 | 7.0 | | | | | | | |
| 22 | 04 | 76 | 1120 | | | .3 | 385 | 2.5 | 5.6 | | | | | | | |
| 11 | 06 | 76 | 1140 | | | .3 | 325 | 2.50 | 4.1 | | | | | | | |
| 15 | 07 | 76 | 1100 | | | .3 | 388 | 3.20 | 5.0 | | | | | | | |
| 30 | 08 | 76 | 1150 | | | .3 | 365 | 2.00 | 5.3 | | | | | | | |
| 28 | 09 | 76 | 1645 | | | .3 | 425 | 1.80 | 5.3 | | | | | | | |
| 26 | 10 | 76 | 1620 | | | .3 | 440 | 1.40 | 4.9 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

445 8.20 7.0
396 3.09 5.3
325 1.40 4.1

NO OF SAMPLES

7 7 7

B.O.W. / SITE: WIXON CREEK
 SAMPLE POINT: AT CONCESSION 9 WEST OF SIDELINE 28
 STATION TYPE: RIVER FLOW GAUGE FED 02HC046

STATION ID: 06-0104-018-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STORET CODE: 02
 004
 3770

| STN NO | 18 | LAT | | LONG | | U.T.M. 17 0645800.0 4868850.0 4 | | | | | REGION 03 | | MILEAGE | | 17.20 |
|---------------|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|-------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 25 02 76 1140 | | | .3 | | 29014 | 6 | 5.60 | 130. | 20. | 8. | | 2.0 | 11.0 | 1.8 | |
| 22 04 76 1140 | | | .3 | | 29047 | 6 | 4.40 | 200. | 1. | 48. | | 11.0 | 12.0 | 1.8 | |
| 11 06 76 1145 | | | .3 | | 29070 | 6 | 2.20 | 290. | | 260. | | 20.0 | | 1.0 | |
| 15 07 76 1130 | | | .3 | | 29109 | 6 | 3.10 | 1100. | | 364. | | 17.0 | 8.8 | 1.0 | |
| 30 08 76 1215 | | | .3 | | 29139 | 6 | 2.00 | 800. | 320. | 440. | | 15.0 | 12.0 | 0.2 | |
| 28 09 76 1630 | | | .3 | | 29168 | 6 | 2.80 | 170. | 44. | 50. | | 8.0 | 8.2 | 1.6 | |
| 26 10 76 1640 | | | .3 | | 29201 | 6 | 3.20 | 30. | 8. | 10. | | 3.0 | 14.0 | 0.7 | |

| | | | | | | | |
|--------------------|------|-------|------|------|------|------|-----|
| MAXIMUM | 5.60 | 1100. | 320. | 440. | 20.0 | 14.0 | 1.8 |
| AVG OR GEOM MN (*) | 3.33 | 230.* | 19.* | 70.* | 10.9 | 11.0 | 1.2 |
| MINIMUM | 2.00 | 30. | 1. | 8. | 2.0 | 8.2 | 0.2 |

| | | | | | | | |
|---------------|---|---|---|---|---|---|---|
| NO OF SAMPLES | 7 | 7 | 5 | 7 | 7 | 6 | 7 |
|---------------|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 25 02 76 1140 | | | .3 | | 0.020 | 0.005 | 0.014 | 0.410 | 0.003 | 0.797 | | | | |
| 22 04 76 1140 | | | .3 | | 0.017 | 0.001 | 0.012 | 0.52 | 0.004 | 0.506 | | | | |
| 11 06 76 1145 | | | .3 | | 0.014 | 0.003 | 0.002L | 0.300 | 0.007 | 0.113 | 265.0 | 4.5 | | |
| 15 07 76 1130 | | | .3 | | 0.020 | 0.005 | 0.002L | 0.320 | 0.010 | 0.480 | 357.0 | 5.8 | | |
| 30 08 76 1215 | | | .3 | | 0.010 | 0.003 | 0.004 | 0.220 | 0.002 | 0.598 | 284.0 | 3.4 | | |
| 28 09 76 1630 | | | .3 | | 0.004 | 0.003 | 0.006 | 0.230 | 0.002 | 0.518 | 293.0 | 1.8 | | |
| 26 10 76 1640 | | | .3 | | 0.011 | 0.003 | 0.008 | 0.190 | 0.002 | 0.523 | 323.0 | 2.6 | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-----|
| MAXIMUM | 0.020 | 0.005 | 0.014 | 0.52 | 0.010 | 0.797 | 357.0 | 5.8 |
| AVG OR GEOM MN (*) | 0.014 | 0.003 | 0.007D | 0.313 | 0.004 | 0.505 | 304.4 | 3.6 |
| MINIMUM | 0.004 | 0.001 | 0.002 | 0.190 | 0.002 | 0.113 | 265.0 | 1.8 |

| | | | | | | | |
|---------------|---|---|---|---|---|---|---|
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 5 | 5 |
|---------------|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 02 76 1140 | | | .3 | | 470 | | 7.7 | | | | | | | |
| 22 04 76 1140 | | | .3 | | 480 | 3.0 | 0.1 | | | | | | | |
| 11 06 76 1145 | | | .3 | | 450 | 2.20 | 4.6 | | | | | | | |
| 15 07 76 1130 | | | .3 | | 474 | 3.40 | 5.2 | | | | | | | |
| 30 08 76 1215 | | | .3 | | 465 | 2.30 | 5.0 | | | | | | | |
| 28 09 76 1630 | | | .3 | | 420 | 1.80 | 6.0 | | | | | | | |
| 26 10 76 1640 | | | .3 | | 510 | 1.60 | 6.3 | | | | | | | |

| | | | | | | |
|--------------------|-----|------|-----|--|--|--|
| MAXIMUM | 510 | 3.40 | 7.7 | | | |
| AVG OR GEOM MN (*) | 467 | 2.38 | 5.0 | | | |
| MINIMUM | 420 | 1.60 | 0.1 | | | |

| | | | |
|---------------|---|---|---|
| NO OF SAMPLES | 7 | 6 | 7 |
|---------------|---|---|---|

B.O.W. / SITE: GANATESKIAGON CREEK
 SAMPLE POINT: AT CONCESSION 4
 STATION TYPE: RIVER

STATION ID: 06-0104-022-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: DUFFINS CREEK

STORET CODE: 02
 004
 3770

| STN NO | 22 | LAT | | LONG | | U.T.M. 17 0652700.0 4860325.0 4 | | | | REGION 03 | | MILEAGE | | 6.70 |
|---------------|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 02 76 1410 | | | .3 | | 29028 | 6 | | 10. | 8. | 12. | | 2.0 | 11.6 | 1.6 |
| 22 04 76 1520 | | | .3 | | 29058 | 6 | | 130. | 4. | 60. | | 11.0 | 13.0 | 0.8 |
| 11 06 76 1345 | | | .3 | | 29077 | 6 | | 500. | | 92. | | 20.0 | | 0.8 |
| 15 07 76 1505 | | | .3 | | 29117 | 6 | | 400. | | 224. | | 17.0 | 10.0 | 0.8 |
| 27 08 76 1230 | | | .3 | | 29147 | 6 | | 800. | 36. | 52. | | 17.0 | 10.0 | 1.8 |
| 28 09 76 1225 | | | .3 | | 29160 | 6 | | 160. | 16. | 20. | | 10.5 | 11.1 | 0.6 |
| 27 10 76 1455 | | | .3 | | 29209 | 6 | | 130. | 1. | 8. | | 3.0 | 12.4 | 1.2 |
| 26 11 76 1140 | | | .3 | | 29235 | 6 | | 520. | 388. | 40. | | 2.9 | 12.4 | 1.8 |
| 16 12 76 1100 | | | .3 | | 29254 | 6 | | 60. | 20. | 40. | | 3.0 | 12.6 | 1.0 |

| | | | | | | |
|--------------------|-------|------|------|------|------|-----|
| MAXIMUM | 800. | 388. | 224. | 20.0 | 13.0 | 1.8 |
| AVG OR GEOM MN (*) | 172.* | 15.* | 39.* | 9.6 | 11.6 | 1.2 |
| MINIMUM | 10. | 1. | 8. | 2.0 | 10.0 | 0.6 |

| | | | | | | |
|---------------|---|---|---|---|---|---|
| NO OF SAMPLES | 9 | 7 | 9 | 9 | 8 | 9 |
|---------------|---|---|---|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1410 | | | .3 | | 0.051 | 0.013 | 0.018 | 0.520 | 0.005 | 0.955 | | 31.0 | | |
| 22 | 04 | 76 | 1520 | | | .3 | | 0.013 | 0.005 | 0.028 | 0.32 | 0.006 | 0.584 | | | | |
| 11 | 06 | 76 | 1345 | | | .3 | | 0.013 | 0.003 | 0.002L | 0.230 | 0.010 | 0.683 | 262.0 | 2.0 | | |
| 15 | 07 | 76 | 1505 | | | .3 | | 0.021 | 0.007 | 0.004 | 0.260 | 0.010 | 0.828 | 315.0 | 5.9 | | |
| 27 | 08 | 76 | 1230 | | | .3 | | 0.132 | 0.008 | 0.017 | 0.760 | 0.012 | 0.723 | 381.0 | 74.0 | | |
| 28 | 09 | 76 | 1225 | | | .3 | | 0.012 | 0.011 | 0.021 | 0.200 | 0.008 | 0.687 | 291.0 | 1.3 | | |
| 27 | 10 | 76 | 1455 | | | .3 | | 0.013 | 0.007 | 0.026 | 0.210 | 0.005 | 0.695 | 299.0 | 2.3 | | |
| 26 | 11 | 76 | 1140 | | | .3 | | 0.023 | 0.010 | 0.066 | 0.250 | 0.008 | 0.092 | 307.0 | 4.3 | | |
| 16 | 12 | 76 | 1100 | | | .3 | | 0.019 | 0.011 | 0.062 | 0.220 | 0.006 | 0.999 | 301.0 | 3.5 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.132 | 0.013 | 0.066 | 0.760 | 0.012 | 0.999 | 381.0 | 74.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.033 | 0.008 | 0.027D | 0.330 | 0.008 | 0.694 | 308.0 | 15.5 | | |
| MINIMUM | | | | | | | | 0.012 | 0.003 | 0.002 | 0.200 | 0.005 | 0.092 | 262.0 | 1.3 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 8 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 04 | 76 | 1520 | | | .3 | | 475 | 2.8 | 9.7 | | | | | | | |
| 11 | 06 | 76 | 1345 | | | .3 | | 455 | 1.40 | 7.5 | | | | | | | |
| 15 | 07 | 76 | 1505 | | | .3 | | 475 | 1.90 | 7.7 | | | | | | | |
| 27 | 08 | 76 | 1230 | | | .3 | | 474 | 13.00 | 7.8 | | | | | | | |
| 28 | 09 | 76 | 1225 | | | .3 | | 520 | 1.20 | 10.5 | | | | | | | |
| 27 | 10 | 76 | 1455 | | | .3 | | 520 | 1.20 | 9.3 | | | | | | | |
| 26 | 11 | 76 | 1140 | | | .3 | | 490 | 2.20 | 8.1 | | | | | | | |
| 16 | 12 | 76 | 1100 | | | .3 | | 480 | 2.00 | 8.2 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 520 | 13.00 | 10.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 486 | 3.21 | 8.6 | | | | | | | |
| MINIMUM | | | | | | | | 455 | 1.20 | 7.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: GANATESKIAGON
SAMPLE POINT: ON BROCK ROAD SOUTH OF CONCESSION B
STATION TYPE: RIVER

STATION ID: 06-0104-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 24 LAT LONG U.T.M. 17 0654245.0 4858200.0 4 REGION 03 MILEAGE 5.10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 02 | 76 | 1440 | | | .3 | | 29030 | 3 | | 2200. | 20. | 50. | | 2.0 | 12.0 | 1.8 |
| 23 | 04 | 76 | 1125 | | | .3 | | 29062 | 6 | | 100. | 4. | 20. | | 10.0 | 11.8 | 0.8 |
| 16 | 07 | 76 | 1130 | | | .3 | | 29120 | 6 | | 1100. | | 328. | | 16.0 | 10.4 | 0.8 |
| 27 | 08 | 76 | 1130 | | | .3 | | 29149 | 6 | | 1100. | 68. | 84. | | 20.0 | 10.0 | 0.8 |
| 28 | 09 | 76 | 1120 | | | .3 | | 29158 | 6 | | 300. | 52. | 40. | | 10.8 | 11.0 | 0.8 |
| 27 | 10 | 76 | 1555 | | | .3 | | 29211 | 6 | | 60. | 16. | 28. | | 3.0 | 13.8 | 2.0 |
| 25 | 11 | 76 | 1540 | | | .3 | | 29231 | 6 | | 96. | 48. | 20. | | 1.5 | 12.4 | 1.6 |
| 16 | 12 | 76 | 1200 | | | .3 | | 29256 | 6 4 | | 60. | 4. L | 4. L | | 1.6 | 14.8 | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 2200. | 68. | 328. | | 20.0 | 14.8 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 269.* | 19.* D | 35.* D | | 8.1 | 12.0 | 1.2 |
| MINIMUM | | | | | | | | | | | 60. | 4. | 4. | | 1.5 | 10.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1440 | | | .3 | | 0.186 | 0.014 | 0.070 | 0.440 | 0.009 | 0.896 | 427.0 | 196.0 | | |
| 23 | 04 | 76 | 1125 | | | .3 | | 0.019 | 0.003 | 0.010 | 0.460 | 0.006 | 0.664 | | | | |
| 16 | 07 | 76 | 1130 | | | .3 | | 0.012 | 0.005 | 0.008 | 0.200 | 0.005 | 0.705 | 324.0 | 6.1 | | |
| 27 | 08 | 76 | 1130 | | | .3 | | 0.056 | 0.002 | 0.008 | 0.580 | 0.003 | 0.532 | 348.0 | 49.0 | | |
| 28 | 09 | 76 | 1120 | | | .3 | | 0.008 | 0.005 | 0.006 | 0.170 | 0.004 | 0.641 | 295.0 | 2.1 | | |
| 27 | 10 | 76 | 1555 | | | .3 | | 0.008 | 0.004 | 0.006 | 0.210 | 0.003 | 0.677 | 299.0 | 3.0 | | |
| 25 | 11 | 76 | 1540 | | | .3 | | 0.042 | 0.007 | 0.026 | 0.310 | 0.004 | 0.901 | 326.0 | 16.0 | | |
| 16 | 12 | 76 | 1200 | | | .3 | | 0.014 | 0.004 | 0.050 | 0.230 | 0.006 | 1.100 | 312.0 | 4.8 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| MAXIMUM | | | | | | | | 0.186 | 0.014 | 0.070 | 0.580 | 0.009 | 1.100 | 427.0 | 196.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.043 | 0.006 | 0.023 | 0.325 | 0.005 | 0.765 | 333.0 | 39.6 | | |
| MINIMUM | | | | | | | | 0.008 | 0.002 | 0.006 | 0.170 | 0.003 | 0.532 | 295.0 | 2.1 | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1440 | | | .3 | | 440 | 32.00 | 14.0 | | | | | | | |
| 23 | 04 | 76 | 1125 | | | .3 | | 465 | 3.10 | 11.0 | | | | | | | |
| 16 | 07 | 76 | 1130 | | | .3 | | 480 | 5.70 | 9.2 | | | | | | | |
| 27 | 08 | 76 | 1130 | | | .3 | | 471 | 12.00 | 8.9 | | | | | | | |
| 28 | 09 | 76 | 1120 | | | .3 | | 500 | 2.50 | 9.7 | | | | | | | |
| 27 | 10 | 76 | 1555 | | | .3 | | 520 | 1.60 | 10.5 | | | | | | | |
| 25 | 11 | 76 | 1540 | | | .3 | | 485 | 4.00 | 9.2 | | | | | | | |
| 16 | 12 | 76 | 1200 | | | .3 | | 490 | 2.50 | 9.3 | | | | | | | |
| | | | | | | | | MAXIMUM | 520 | 32.00 | 14.0 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 481 | 7.93 | 10.2 | | | | | | |
| | | | | | | | | MINIMUM | 440 | 1.60 | 8.9 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 8 | 8 | 8 | | | | | | |

B.O.W./ SITE: URFES CREEK
SAMPLE POINT: ON REGIONAL ROAD 4 EAST OF BROCK ROAD
STATION TYPE: RIVER

STATION ID: 06-0104-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

STN NO 46 LAT LONG U.T.M. 17 0653850.0 4860500.0 4 REGION 03 MILEAGE 6.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 02 | 76 | 1445 | | | .3 | | 29027 | 3 | | 2000. | 80. | 210. | | 1.0 | 11.2 | 2.6 |
| 22 | 04 | 76 | 1500 | | | .3 | | 29057 | 6 | | 8000. | 1. | 600. | G | 12.0 | 11.0 | 8.0 |
| 11 | 06 | 76 | 1320 | | | .3 | | 29075 | 6 | | 5200. | | 320. | | 22.0 | | 1.8 |
| 15 | 07 | 76 | 1435 | | | .3 | | 29116 | 6 | | 15000. | | 7600. | | 19.0 | 9.2 | 2.0 |
| 27 | 08 | 76 | 1255 | | | .3 | | 29146 | 6 | | 7000. | 472. | 440. | | 19.0 | 8.8 | 0.4 |
| 28 | 09 | 76 | 1250 | | | .3 | | 29161 | 6 | | 800. | 96. | 80. | | 8.2 | 11.0 | 1.0 |
| 27 | 10 | 76 | 1435 | | | .3 | | 29208 | 6 | | 600. | 28. | 48. | | 3.0 | 13.6 | 2.1 |
| 26 | 11 | 76 | 1110 | | | .3 | | 29234 | 6 | | 210. | 12. | 24. | | 3.2 | 11.2 | 0.6 |
| 16 | 12 | 76 | 1030 | | | .3 | | 29253 | 6 4 | | 13400. | 88. | 360. | | 0.8 | 12.0 | 1.8 |
| | | | | | | | | | | | MAXIMUM | | | | | | |
| | | | | | | | | | | | 15000. | 472. | 7600. | | 22.0 | 13.6 | 8.0 |
| | | | | | | | | | | | 2834.* | 38.* | 254.* U | | 9.8 | 11.0 | 2.3 |
| | | | | | | | | | | | 210. | 1. | 24. | | 0.8 | 8.8 | 0.4 |
| | | | | | | | | | | | NO OF SAMPLES | 9 | 7 | 9 | 9 | 8 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 02 | 76 | 1445 | | | .3 | | 0.220 | 0.050 | 0.188 | 1.280 | 0.020 | 1.610 | 697.0 | 274.0 | | |
| 22 | 04 | 76 | 1500 | | | .3 | | 0.150 | 0.022 | 0.472 | 1.85 | 0.042 | 0.458 | | | | |
| 11 | 06 | 76 | 1320 | | | .3 | | 0.150 | 0.090 | 0.030 | 0.690 | 0.097 | 0.670 | 344.0 | 3.3 | | |
| 15 | 07 | 76 | 1435 | | | .3 | | 0.137 | 0.100 | 0.222 | 0.770 | 0.200 | 1.380 | 423.0 | 3.5 | | |
| 27 | 08 | 76 | 1255 | | | .3 | | 0.146 | 0.095 | 0.010 | 0.560 | 0.014 | 0.806 | 432.0 | 3.5 | | |
| 28 | 09 | 76 | 1250 | | | .3 | | 0.062 | 0.045 | 0.004 | 0.490 | 0.003 | 0.347 | 417.0 | 6.9 | | |
| 27 | 10 | 76 | 1435 | | | .3 | | 0.040 | 0.015 | 0.010 | 0.420 | 0.003 | 0.422 | 399.0 | 3.3 | | |
| 26 | 11 | 76 | 1110 | | | .3 | | 0.023 | 0.007 | 0.014 | 0.330 | 0.005 | 0.640 | 384.0 | 3.0 | | |
| 16 | 12 | 76 | 1030 | | | .3 | | 0.040 | 0.011 | 0.410 | 0.870 | 0.021 | 1.120 | 486.0 | 8.2 | | |
| | | | | | | | | MAXIMUM | 0.220 | 0.100 | 0.472 | 1.85 | 0.200 | 1.610 | 697.0 | 274.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.108 | 0.048 | 0.151 | 0.807 | 0.045 | 0.828 | 447.8 | 38.2 | |
| | | | | | | | | MINIMUM | 0.023 | 0.007 | 0.004 | 0.330 | 0.003 | 0.347 | 344.0 | 3.0 | |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 02 | 76 | 1445 | | | .3 | | 650 | 140.00 | 49.0 | | | | | | | |
| 22 | 04 | 76 | 1500 | | | .3 | | 600 | 4.5 | 32.5 | | | | | | | |
| 11 | 06 | 76 | 1320 | | | .3 | | 580 | 2.30 | 31.5 | | | | | | | |
| 15 | 07 | 76 | 1435 | | | .3 | | 620 | 4.30 | 36.0 | | | | | | | |
| 27 | 08 | 76 | 1255 | | | .3 | | 678 | 3.50 | 55.0 | | | | | | | |
| 28 | 09 | 76 | 1250 | | | .3 | | 680 | 4.20 | 38.5 | | | | | | | |
| 27 | 10 | 76 | 1435 | | | .3 | | 680 | 3.00 | 39.0 | | | | | | | |
| 26 | 11 | 76 | 1110 | | | .3 | | 630 | 4.00 | 33.5 | | | | | | | |
| 16 | 12 | 76 | 1030 | | | .3 | | 760 | 8.00 | 68.0 | | | | | | | |
| | | | | | | | | MAXIMUM | 760 | 140.00 | 68.0 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 653 | 19.31 | 42.6 | | | | | | |
| | | | | | | | | MINIMUM | 580 | 2.30 | 31.5 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | | | | | | |

B.O.W./ SITE: URFE'S CREEK
SAMPLE POINT: AT HIGHWAY NO 7 SECOND STREAM WEST OF BROCK ROAD
STATION TYPE: RIVER FLOW GAUGE FED 02HC043

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STATION ID: 06-0104-047-02

STORET CODE: 02
004
3770

| STN NO | 47 | LAT | LONG | U.T.M. 17 0651475.0 4864200.0 4 | REGION 03 | MILEAGE | 9.30 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|-----------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 25 02 76 1520 | | | .3 | | 29032 | 6 | 2.10 | 30. | 10. | 40. | | 0.8 | 10.8 | 1.6 |
| 22 04 76 1340 | | | .3 | | 29053 | 6 | 0.08 | 1000. | 1. | 28. | | 12.0 | 11.0 | 1.4 |
| 28 09 76 1420 | | | .3 | | 29174 | 6 | | 15000. | 8000. | 652. | | 8.9 | 8.1 | 1.2 |
| 27 10 76 1255 | | | .3 | | 29216 | 8 6 | | 7000. | 2000. | 280. | | 3.0 | 12.0 | 5.1 |
| MAXIMUM | | | | | | | 2.10 | 15000. | 8000. | 652. | | 12.0 | 12.0 | 5.1 |
| AVG OR GEOM MN (*) | | | | | | | 1.09 | 1332.* | 112.* | 120.* | | 6.2 | 10.5 | 2.3 |
| MINIMUM | | | | | | | 0.08 | 30. | 1. | 28. | | 0.8 | 8.1 | 1.2 |
| NO OF SAMPLES | | | | | | | 2 | 4 | 4 | 4 | | 4 | 4 | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 02 76 1520 | | | .3 | | 0.049 | 0.016 | 0.010 | 0.600 | 0.007 | 2.970 | 331.0 | 12.0 | | |
| 22 04 76 1340 | | | .3 | | 0.052 | 0.004 | 0.010 | 0.70 | 0.008 | 0.047 | | | | |
| 28 09 76 1420 | | | .3 | | 0.062 | 0.027 | 0.006 | 0.640 | 0.003 | 0.042 | 452.0 | 3.1 | | |
| 27 10 76 1255 | | | .3 | | 0.134 | 0.012 | 0.004 | 0.540 | 0.003 | 0.033 | 546.0 | 101.0 | | |
| MAXIMUM | | | | | 0.134 | 0.027 | 0.010 | 0.70 | 0.008 | 2.970 | 546.0 | 101.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.074 | 0.015 | 0.008 | 0.620 | 0.005 | 0.773 | 443.0 | 38.7 | | |
| MINIMUM | | | | | 0.049 | 0.004 | 0.004 | 0.540 | 0.003 | 0.033 | 331.0 | 3.1 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 18 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 02 76 1520 | | | .3 | | 475 | 6.20 | 20.0 | | | | | | | |
| 22 04 76 1340 | | | .3 | | 900 | 1.7 | 120. | | | | | | | |
| 28 09 76 1420 | | | .3 | | 770 | 2.40 | 32.0 | | | | | | | |
| 27 10 76 1255 | | | .3 | | 720 | 24.00 | 29.0 | | | | | | | |
| MAXIMUM | | | | | 900 | 24.00 | 120. | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 716 | 8.58 | 50.3 | | | | | | | |
| MINIMUM | | | | | 475 | 1.7 | 20.0 | | | | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: BROUGHAN CREEK
SAMPLE POINT: ON HIGHWAY 7 FIRST STREAM WEST OF BROCK ROAD
STATION TYPE: RIVER FLOW GAUGE FED 02HC048

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STATION ID: 06-0104-048-02

STORET CODE: 02
004
3770

| STN NO | 48 | LAT | LONG | U.T.M. 17 0651900.0 4864350.0 4 | | | | | | | REGION 03 | MILEAGE | 11.00 | |
|--------------------|----------|---------|------------|---------------------------------|-----------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 25 02 76 1500 | | | .3 | | 29026 | 6 | 4.30 | 300. | 70. | 180. | | 0.8 | 10.0 | 1.8 |
| 22 04 76 1400 | | | .3 | | 29054 | 6 | 0.50 | 400. | 1. | 192. | | 12.0 | 10.0 | 1.2 |
| 27 10 76 1315 | | | .3 | | 29217 | 6 | | 500. | 8. | 148. | | 3.0 | 13.0 | 1.7 |
| MAXIMUM | | | | | | | 4.30 | 500. | 70. | 192. | | 12.0 | 13.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | 2.40 | 392.* | 8.* | 172.* | | 5.3 | 11.0 | 1.6 |
| MINIMUM | | | | | | | 0.50 | 300. | 1. | 148. | | 0.8 | 10.0 | 1.2 |
| NO OF SAMPLES | | | | | | | 2 | 3 | 3 | 3 | | 3 | 3 | 3 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 02 76 1500 | | | .3 | | 0.128 | 0.073 | 0.074 | 0.840 | 0.015 | 1.210 | 402.0 | 23.0 | | |
| 22 04 76 1400 | | | .3 | | 0.014 | 0.002 | 0.004 | 0.47 | 0.003 | 0.022 | | | | |
| 27 10 76 1315 | | | .3 | | 0.052 | 0.009 | 0.006 | 1.060 | 0.002 | 0.018 | 523.0 | 24.0 | | |
| MAXIMUM | | | | | 0.128 | 0.073 | 0.074 | 1.060 | 0.015 | 1.210 | 523.0 | 24.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.065 | 0.028 | 0.028 | 0.790 | 0.007 | 0.417 | 462.5 | 23.5 | | |
| MINIMUM | | | | | 0.014 | 0.002 | 0.004 | 0.47 | 0.002 | 0.018 | 402.0 | 23.0 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1500 | | | .3 | | 600 | 20.00 | 53.0 | | | | | | | |
| 22 | 04 | 76 | 1400 | | | .3 | | 465 | 1.1 | 23.5 | | | | | | | |
| 27 | 10 | 76 | 1315 | | | .3 | | 800 | 1.80 | 30.0 | | | | | | | |
| MAXIMUM | | | | | | | | 800 | 20.00 | 53.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 622 | 7.57 | 35.5 | | | | | | | |
| MINIMUM | | | | | | | | 465 | 1.1 | 23.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | | | |

B.O.W. / SITE: GANATESKIAGON CREEK
SAMPLE POINT: ON HIGHWAY 7 WEST OF SIDELINE 24
STATION TYPE: RIVER FLOW GAUGE FED 02HC042

STATION ID: 06-0104-049-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DUFFINS CREEK

STORET CODE: 02
004
3770

| STN NO | 49 | LAT | LONG | U.T.M. 17 0649400.0 4863500.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 10.50 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 02 | 76 | 1550 | | | .3 | | 29031 | 6 8 | 1.70 | 90. | 12. | 12. | | 1.0 | 8.2 | 2.2 |
| 22 | 04 | 76 | 1320 | | | .3 | | 29052 | 6 8 | 0.17 | 270. | 28. | 140. | | 12.0 | 10.0 | 1.6 |
| 28 | 09 | 76 | 1450 | | | .3 | | 29173 | 6 | | 16000. | 1790. | 600. G | | 9.2 | 8.2 | 2.4 |
| MAXIMUM | | | | | | | | | | 1.70 | 16000. | 1790. | 600. | | 12.0 | 10.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.94 | 730.* | 84.* | 100.* U | | 7.4 | 8.8 | 2.1 |
| MINIMUM | | | | | | | | | | 0.17 | 90. | 12. | 12. | | 1.0 | 8.2 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | 2 | 3 | 3 | 3 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1550 | | | .3 | | 0.028 | 0.010 | 0.012 | 0.530 | 0.006 | 2.670 | 281.0 | 4.8 | | |
| 22 | 04 | 76 | 1320 | | | .3 | | 0.057 | 0.002 | 0.002L | 0.76 | 0.003 | 0.007 | | | | |
| 28 | 09 | 76 | 1450 | | | .3 | | 0.059 | 0.020 | 0.009 | 0.580 | 0.002 | 0.008 | 454.0 | 2.1 | | |
| MAXIMUM | | | | | | | | 0.059 | 0.020 | 0.012 | 0.76 | 0.006 | 2.670 | 454.0 | 4.8 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.048 | 0.011 | 0.008D | 0.623 | 0.004 | 0.895 | 367.5 | 3.5 | | |
| MINIMUM | | | | | | | | 0.028 | 0.002 | 0.002 | 0.530 | 0.002 | 0.007 | 281.0 | 2.1 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1550 | | | .3 | | 435 | 1.70 | 12.0 | | | | | | | |
| 22 | 04 | 76 | 1320 | | | .3 | | 500 | 2.1 | 10.5 | | | | | | | |
| 28 | 09 | 76 | 1450 | | | .3 | | 750 | 2.20 | 7.3 | | | | | | | |
| MAXIMUM | | | | | | | | 750 | 2.20 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 562 | 2.00 | 9.9 | | | | | | | |
| MINIMUM | | | | | | | | 435 | 1.70 | 7.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | | | |

B.O.W. / SITE: CARRUTHERS CREEK
SAMPLE POINT: FIRST ROAD EAST OF AJAX TOWN LINE
STATION TYPE: RIVER FLOW GAUGE MOE 02HC100

STATION ID: 06-0107-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CARRUTHERS CREEK

STORET CODE: 02
004
3730

| STN NO | 1 | LAT | LONG | U.T.M. 17 0661450.0 4854900.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 0.50 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 19 | 01 | 76 | 1200 | | | .3 | | 27029 | 4 | | 480. | 40. | 10. | | 0.5 | 11.0 | 0.8 |
| 15 | 03 | 76 | 1230 | | | .3 | | 27094 | 6 | | | | | | 3.5 | 10.7 | 0.4 |
| 26 | 04 | 76 | 1200 | | | .3 | | 27180 | | | 7000. | 100. | 600. G | | | | 1.0 |
| 07 | 06 | 76 | 1030 | | | .3 | | 27266 | 6 | | 11000. | 110. | 50. | | 21.0 | 5.5 | 1.8 |
| 27 | 07 | 76 | 1000 | | | .3 | | 27357 | 6 8 | | 700. | | 72. | | 23.0 | 14.0 | 1.0 |
| 24 | 08 | 76 | 1308 | | | .3 | | 27418 | 5 7 | | 5000. | 1400. | 24. | | 23.0 | 14.8 | 1.2 |
| 21 | 09 | 76 | 0940 | | | .3 | | 27480 | 7 5 | | 21000. | 1550. | 880. | | 15.0 | 10.8 | 4.0 |
| 26 | 10 | 76 | 0930 | | | .3 | | 27544 | 6 8 | | 400. | 100. | 100. | | 3.5 | 13.6 | 1.1 |
| 22 | 11 | 76 | 1130 | | | .3 | | 27603 | 6 8 | | 780. | 24. | 24. | | 1.0 | 13.8 | 0.2 |
| MAXIMUM | | | | | | | | | | | 21000. | 1550. | 880. | | 23.0 | 14.8 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 2323.* | 156.* | 76.* U | | 11.3 | 11.8 | 1.3 |
| MINIMUM | | | | | | | | | | | 400. | 24. | 10. | | 0.5 | 5.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 8 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P | 34 FILTERED REACTIVE P | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|------------|-----------|----------|------------|-------------|-------------|-------------|------------------|---------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| MO | YR | LMT | FEET | FEET | DEPTH | MTRS | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 | 01 | 76 | 1200 | | | .3 | 0.037 | 0.006 | 0.190 | 0.610 | 0.010 | 0.850 | 493.0 | 15.0 | | |
| 15 | 03 | 76 | 1230 | | | .3 | 0.092 | 0.012 | 0.032 | 0.500 | 0.012 | 2.140 | 411.0 | 54.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | 0.082 | 0.006 | 0.010 | 0.700 | 0.006 | 0.744 | 413.0 | 47.0 | | |
| 07 | 06 | 76 | 1030 | | | .3 | 0.023 | 0.001 | 0.016 | 0.600 | 0.005 | 0.045 | 349.0 | 5.7 | | |
| 27 | 07 | 76 | 1000 | | | .3 | 0.032 | 0.004 | 0.012 | 0.580 | 0.010 | 0.245 | 386.0 | 8.6 | | |
| 24 | 08 | 76 | 1308 | | | .3 | 0.070 | 0.005 | 0.030 | 0.560 | 0.003 | 0.005L | 351.0 | 7.8 | | |
| 21 | 09 | 76 | 0940 | | | .3 | 0.090 | 0.020 | 0.362 | 2.360 | 0.012 | 0.153 | 386.0 | 15.0 | | |
| 26 | 10 | 76 | 0930 | | | .3 | 0.023 | 0.002 | 0.006 | 0.490 | 0.003 | 0.122 | 422. | 5.5 | | |
| 22 | 11 | 76 | 1130 | | | .3 | 0.034 | 0.004 | 0.006 | 0.480 | 0.003 | 0.198 | 419.0 | 16.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.092 0.020 0.362 2.360 0.012 2.140 493.0 54.0
0.054 0.007 0.074 0.764 0.007 0.500D 403.3 19.4
0.023 0.001 0.006 0.480 0.003 0.005 349.0 5.5

NO OF SAMPLES

9

9

9

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| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| MO | YR | LMT | FEET | FEET | DEPTH | MTRS | | | | | | | | | | |
| 19 | 01 | 76 | 1200 | | | .3 | 740 | 8.00 | 46.0 | | | | | | | |
| 15 | 03 | 76 | 1230 | | | .3 | 570 | 28.00 | 34.0 | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | 550 | 23.00 | 32.0 | | | | | | | |
| 07 | 06 | 76 | 1030 | | | .3 | 500 | 3.80 | 27.5 | | | | | | | |
| 27 | 07 | 76 | 1000 | | | .3 | 620 | 6.80 | 38.5 | | | | | | | |
| 24 | 08 | 76 | 1308 | | | .3 | 560 | 5.30 | 41.0 | | | | | | | |
| 21 | 09 | 76 | 0940 | | | .3 | 740 | 16.00 | 40.5 | | | | | | | |
| 26 | 10 | 76 | 0930 | | | .3 | 690 | 4.5 | 37.5 | | | | | | | |
| 22 | 11 | 76 | 1130 | | | .3 | 690 | 15.00 | 38.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

740 28.00 46.0
629 12.27 37.3
500 3.80 27.5

NO OF SAMPLES

9

9

9

B.O.W. / SITE: PRINGLE CREEK
SAMPLE POINT: WATSON STREET, WHITBY
STATION TYPE: RIVER FLOW GAUGE MOE 02HD108

STATION ID: 06-0109-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PRINGLE CREEK

STORET CODE: 02
004
3700

STN NO 3 LAT LONG U.T.M. 17 0666375.0 4858225.0 4 REGION 03 MILEAGE 1.10

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| MO | YR | LMT | FEET | FEET | DEPTH | MTRS | | | | | | | | | | |
| 19 | 01 | 76 | 1230 | | | .3 | 27030 | 6 | | 10. L | 10. L | 10. L | | 4.0 | 9.4 | 2.0 |
| 15 | 03 | 76 | 1252 | | | .3 | 27095 | 6 | | | | | | 5.5 | 9.6 | 4.4 |
| 26 | 04 | 76 | 1200 | | | .3 | 27181 | | | 110. L | 4. L | 4. L | | | | 3.8 |
| 07 | 06 | 76 | 1130 | | | .3 | 27267 | 6 | 9.8 | 10. L | 1. L | 1. L | | 18.9 | 8.5 | 1.8 |
| 27 | 07 | 76 | 1030 | | | .3 | 27358 | 6 8 | | 10. L | | 1. L | | 20.8 | 11.0 | 2.0 |
| 24 | 08 | 76 | 1322 | | | .3 | 27419 | 6 8 | 6.7 | 100. L | 10. L | 1. L | | 22.2 | 10.8 | 0.8 |
| 21 | 09 | 76 | 1015 | | | .3 | 27481 | 7 5 | | 100. L | 10. L | 1. L | | 16.9 | 11.1 | 0.8 |
| 26 | 10 | 76 | 1000 | | | .3 | 27545 | 5 8 | | 20. L | 1. L | 4. L | | 9.0 | 11.4 | 4.9 |
| 22 | 11 | 76 | 1200 | | | .3 | 27604 | 6 8 | | 1. L | 1. L | 1. L | | 6.5 | 8.1 | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

9.8 110. 10. 10.
8.3 20.* D 3.* D 2.* D
6.7 1. 1. 1.

NO OF SAMPLES

2

8

7

8

8

8

8

8

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P | 34 FILTERED REACTIVE P | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|------------|-----------|----------|------------|-------------|-------------|-------------|------------------|---------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| MO | YR | LMT | FEET | FEET | DEPTH | MTRS | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 | 01 | 76 | 1230 | | | .3 | 1.800 | 1.800 | 0.320 | 1.300 | 0.028 | 15.000 | 628.0 | 30.0 | | |
| 15 | 03 | 76 | 1252 | | | .3 | 0.430 | 0.105 | 0.440 | 1.580 | 0.029 | 4.020 | 768.0 | 37.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | 0.410 | 0.260 | 0.320 | 1.600 | 0.012 | 2.050 | 520.0 | 33.0 | | |
| 07 | 06 | 76 | 1130 | | | .3 | 1.740 | 1.500 | 0.074 | 1.000 | 0.004 | 9.300 | 660.0 | 7.0 | | |
| 27 | 07 | 76 | 1030 | | | .3 | 0.216 | 0.063 | 0.030 | 0.940 | 0.008 | 7.400 | 620.0 | 10.0 | | |
| 24 | 08 | 76 | 1322 | | | .3 | 0.205 | 0.073 | 0.100 | 0.860 | 0.003 | 7.700 | 567.0 | 3.6 | | |
| 21 | 09 | 76 | 1015 | | | .3 | 0.068 | 0.042 | 0.020 | 0.110 | 0.002 | 8.600 | 525.0 | 5.6 | | |
| 26 | 10 | 76 | 1000 | | | .3 | 1.500 | 1.350 | 0.460 | 2.300 | 0.007 | 1.040 | 508.0 | 28.0 | | |
| 22 | 11 | 76 | 1200 | | | .3 | 0.334 | 0.125 | 0.660 | 1.660 | 0.080 | 0.140 | 528.0 | 19.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1.800 1.800 0.660 2.300 0.080 15.000 768.0 37.0
0.745 0.591 0.269 1.261 0.019 6.139 591.6 19.2
0.068 0.042 0.020 0.110 0.002 0.140 508.0 3.6

NO OF SAMPLES

9

9

9

9

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9

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9

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1230 | | .3 | | 920 | 27.00 | 138.0 | | | | | | | |
| 15 | 03 | 76 | 1252 | | .3 | | 900 | 22.00 | 200.0 | | | | | | | |
| 26 | 04 | 76 | 1200 | | .3 | | 700 | 16.00 | 81.0 | | | | | | | |
| 07 | 06 | 76 | 1130 | | .3 | | 890 | 7.10 | 130.0 | | | | | | | |
| 27 | 07 | 76 | 1030 | | .3 | | 1040 | 8.70 | 170.0 | | | | | | | |
| 24 | 08 | 76 | 1322 | | .3 | | 920 | 2.90 | 155.0 | | | | | | | |
| 21 | 09 | 76 | 1015 | | .3 | | 800 | 5.00 | 110.0 | | | | | | | |
| 26 | 10 | 76 | 1000 | | .3 | | 800 | 17.00 | 95.0 | | | | | | | |
| 22 | 11 | 76 | 1200 | | .3 | | 820 | 14.00 | 103.0 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|-------|-------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | 1040 | 27.00 | 200.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 866 | 13.30 | 131.3 | | | | | | | |
| MINIMUM | | | | | | | 700 | 2.90 | 81.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: OSHAWA CREEK
SAMPLE POINT: SIMCOE STREET SOUTH OSHAWA
STATION TYPE: RIVER FLOW GAUGE FED 02HD008

STATION ID: 06-0111-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: OSHAWA CREEK

STORET CODE: 02
004
3660

STN NO 1 LAT LONG U.T.M. 17 0674275.0 4859125.0 4 REGION 03 MILEAGE 0.40

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 01 | 76 | 1245 | | .3 | | 27031 | 4 | 21.00 | 500. | 210. | 60. | | 0.0 | 11.2 | 2.4 |
| 15 | 03 | 76 | 1310 | | .3 | | 27096 | 6 | 54.80 | | | | | 4.0 | 10.9 | 0.6 |
| 11 | 05 | 76 | 1400 | | .3 | | 27220 | 6 9 | 52.80 | 3000. | 520. | 172. | | 11.0 | 8.8 | 2.8 |
| 07 | 06 | 76 | 1235 | | .3 | | 27268 | 6 | 37.30 | 16000. | 70. | 70. | | 21.0 | 13.0 | 1.4 |
| 25 | 06 | 76 | 1225 | | .3 | | 27329 | 6 8 | 47.20 | 17000. | 1400. | 1500. | G | 22.2 | 9.0 | 1.2 |
| 23 | 07 | 76 | 1030 | | .3 | | 27348 | 6 8 9 | 33.60 | 3000. | | 120. | | 19.0 | 10.0 | 1.7 |
| 27 | 07 | 76 | 1105 | | .3 | | 27359 | 6 8 9 | 26.70 | 25000E+1 | | 680. | | 22.9 | 10.0 | 2.6 |
| 24 | 08 | 76 | 1345 | | .3 | | 27420 | 5 8 | 20.70 | 900. | 10. | 8. | | 22.8 | 13.8 | 1.2 |
| 09 | 09 | 76 | 1315 | | .3 | | 27458 | 6 8 | 19.60 | 1100. | 108. | 100. | | 20.0 | 15.2 | 0.8 |
| 21 | 09 | 76 | 1035 | | .3 | | 27482 | 6 | 28.30 | 4000. | 312. | 128. | | 16.2 | 13.2 | 1.6 |
| 18 | 10 | 76 | 1015 | | .3 | | 27521 | 6 | 20.30 | 3000. | 76. | 12. | | 4.8 | 12.2 | 1.0 |
| 26 | 10 | 76 | 1030 | | .3 | | 27546 | 6 | 23.40 | 1200. | 20. | 44. | | 3.5 | 14.7 | 0.5 |
| 22 | 11 | 76 | 1225 | | .3 | | 27605 | 6 | 20.10 | 1000. | 204. | 172. | | 1.5 | 12.2 | 0.6 |
| 16 | 12 | 76 | 1150 | | .3 | | 27677 | 6 | 21.00 | 2000. | 168. | 96. | | 1.5 | 16.6 | 1.6 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|-------|----------|---------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | 54.80 | 25000E+1 | 1400. | 1500. | | 22.9 | 16.6 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | | 30.49 | 3419.* | 131.* D | 98.* U | | 12.2 | 12.2 | 1.4 |
| MINIMUM | | | | | | | | | 19.60 | 500. | 10. | 8. | | 0.0 | 8.8 | 0.5 |
| NO OF SAMPLES | | | | | | | | | 14 | 13 | 11 | 13 | | 14 | 14 | 14 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 01 | 76 | 1245 | | .3 | | 0.190 | 0.060 | 0.190 | 0.430 | 0.009 | 0.870 | 384.0 | 14.0 | | |
| 15 | 03 | 76 | 1310 | | .3 | | 0.092 | 0.024 | 0.208 | 0.540 | 0.013 | 1.190 | 785.0 | 23.0 | | |
| 11 | 05 | 76 | 1400 | | .3 | | 0.098 | 0.032 | 0.094 | 0.690 | 0.018 | 0.627 | 411.0 | 23.0 | 388 | |
| 07 | 06 | 76 | 1235 | | .3 | | 0.081 | 0.032 | 0.040 | 0.540 | 0.016 | 0.259 | 380.0 | 26.0 | | |
| 25 | 06 | 76 | 1225 | | .3 | | 0.066 | 0.024 | 0.058 | 0.520 | 0.016 | 0.404 | 298.0 | 18.0 | 280 | |
| 23 | 07 | 76 | 1030 | | .3 | | 0.096 | 0.032 | 0.078 | 0.430 | 0.011 | 0.329 | 327.0 | 16.0 | 311 | |
| 27 | 07 | 76 | 1105 | | .3 | | 0.090 | 0.005 | 0.020 | 0.500 | 0.027 | 0.593 | 292.0 | 42.0 | | |
| 24 | 08 | 76 | 1345 | | .3 | | 0.056 | 0.007 | 0.046 | 0.520 | 0.008 | 0.187 | 292.0 | 9.3 | | |
| 09 | 09 | 76 | 1315 | | .3 | | 0.021 | 0.012 | 0.016 | 0.240 | 0.006 | 0.074 | 305.0 | 6.1 | 299 | |
| 21 | 09 | 76 | 1035 | | .3 | | 0.038 | 0.021 | 0.064 | 0.120 | 0.031 | 0.354 | 299.0 | 3.5 | | |
| 18 | 10 | 76 | 1015 | | .3 | | 0.070 | 0.017 | 0.068 | 0.320 | 0.004 | 0.266 | 324.0 | 11.0 | 313 | |
| 26 | 10 | 76 | 1030 | | .3 | | 0.114 | 0.027 | 0.056 | 0.340 | 0.004 | 0.451 | 366.0 | 14.0 | | |
| 22 | 11 | 76 | 1225 | | .3 | | 0.140 | 0.020 | 0.058 | 0.390 | 0.003 | 0.557 | 998.0 | 32.0 | 966 | |
| 16 | 12 | 76 | 1150 | | .3 | | 0.085 | 0.028 | 0.114 | 0.280 | 0.006 | 0.654 | 295.0 | 15.0 | 280 | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|-----|--|
| MAXIMUM | | | | | | | 0.190 | 0.060 | 0.208 | 0.690 | 0.031 | 1.190 | 998.0 | 42.0 | 966 | |
| AVG OR GEOM MN (*) | | | | | | | 0.088 | 0.024 | 0.079 | 0.419 | 0.012 | 0.487 | 411.1 | 18.1 | 405 | |
| MINIMUM | | | | | | | 0.021 | 0.005 | 0.016 | 0.120 | 0.003 | 0.074 | 292.0 | 3.5 | 280 | |
| NO OF SAMPLES | | | | | | | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 7 | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1245 | | .3 | | 640 | 14.00 | 45.0 | | | | | | 0.56 | |
| 15 | 03 | 76 | 1310 | | .3 | | 1270 | 15.00 | 255.0 | | | | | | 0.71 | |
| 11 | 05 | 76 | 1400 | | .3 | | 600 | 12.00 | 43.0 | 39.0 | 2.25 | | | 8.17 | | 0.500 |
| 07 | 06 | 76 | 1235 | | .3 | | 530 | 18.00 | 36.5 | | | | | | | 0.800 |
| 25 | 06 | 76 | 1225 | | .3 | | 455 | 14.00 | 10.5 | 27.5 | 3.60 | | | 8.27 | | 0.580 |
| 23 | 07 | 76 | 1030 | | .3 | | 520 | 5.30 | 7.1 | 47.0 | 0.65 | | | 7.95 | | 0.620 |
| 27 | 07 | 76 | 1105 | | .3 | | 387 | 25.00 | 24.5 | | | | | | | 1.340 |
| 24 | 08 | 76 | 1345 | | .3 | | 490 | 4.10 | 29.0 | 33.5 | 3.00 | | | | | 0.300 |
| 09 | 09 | 76 | 1315 | | .3 | | 480 | 3.20 | 27.0 | 37.5 | 3.05 | | | 8.23 | | 0.290 |
| 21 | 09 | 76 | 1035 | | .3 | | 495 | 4.20 | 22.5 | | | | | | | |
| 18 | 10 | 76 | 1015 | | .3 | | 590 | 7.00 | 23.0 | 32.0 | 3.90 | | | 8.12 | | 0.410 |
| 26 | 10 | 76 | 1030 | | .3 | | 560 | 12.00 | 29.5 | | | | | | | |
| 22 | 11 | 76 | 1225 | | .3 | | 570 | 12.00 | 32.0 | 43.0 | 4.60 | | | 8.05 | | 0.870 |
| 16 | 12 | 76 | 1150 | | .3 | | 600 | 14.00 | 43.5 | 35.5 | 5.00 | | | 8.20 | | 0.430 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|-------|-------|------|------|--|--|------|------|-------|
| MAXIMUM | | | | | | | 1270 | 25.00 | 255.0 | 47.0 | 5.00 | | | 8.27 | 0.71 | 1.340 |
| AVG OR GEOM MN (*) | | | | | | | 585 | 11.41 | 44.9 | 36.9 | 3.26 | | | 8.14 | 0.64 | 0.614 |
| MINIMUM | | | | | | | 387 | 3.20 | 7.1 | 27.5 | 0.65 | | | 7.95 | 0.56 | 0.290 |
| NO OF SAMPLES | | | | | | | 14 | 14 | 14 | 8 | 8 | | | 7 | 2 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 19 | 01 | 76 | 1245 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 03 | 76 | 1310 | | | .3 | | 1.0L | | | | | | | | | |
| 11 | 05 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | 10 | 32 | 0 |
| 07 | 06 | 76 | 1235 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 06 | 76 | 1225 | | | .3 | | 1.0 | | | | | | | 14 | 20 | |
| 23 | 07 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | 7 | 16 | |
| 27 | 07 | 76 | 1105 | | | .3 | | 1.0 | | | | | | | | | |
| 24 | 08 | 76 | 1345 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 09 | 76 | 1315 | | | .3 | | 1.0L | | | | | | | 4 | 10L | 1 |
| 21 | 09 | 76 | 1035 | | | .3 | | | | | | | | | | | |
| 18 | 10 | 76 | 1015 | | | .3 | | 2.0 | | | | | | | 5 | 22 | |
| 26 | 10 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 11 | 76 | 1225 | | | .3 | | 12.0 | | | | | | | 9 | 12 | |
| 16 | 12 | 76 | 1150 | | | .3 | | 1.0L | | | | | | | 4 | 74 | 2 |

MAXIMUM 12.0
 AVG OR GEOM MN (*) 1.90
 MINIMUM 1.0
 NO OF SAMPLES 13

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 01 | 76 | 1245 | | | .3 | | | | | 0.050 | 0.080 | | | 0.700 | | 0.100 |
| 15 | 03 | 76 | 1310 | | | .3 | | | | | 0.040 | 0.030 | | | 0.040 | | 0.030 |
| 11 | 05 | 76 | 1400 | | | .3 | 0.001L | 0.020L | | | 0.020L | 0.020 | 0.020 | 0.010L | 0.030 | | 0.030 |
| 07 | 06 | 76 | 1235 | | | .3 | | | | | 0.040 | | | | | | |
| 27 | 07 | 76 | 1105 | | | .3 | | | | | 0.030 | 0.020 | | | 0.050 | | 0.040 |
| 24 | 08 | 76 | 1345 | | | .3 | | | | | 0.010L | 0.010L | | | 0.010L | | 0.040 |
| 09 | 09 | 76 | 1315 | | | .3 | 0.001L | 0.030 | | | 0.020 | 0.030 | 0.010L | 0.010L | 0.030 | | 0.060 |
| 22 | 11 | 76 | 1225 | | | .3 | | | | | 0.002L | 0.020 | | | 0.030 | | 0.060 |
| 16 | 12 | 76 | 1150 | | | .3 | 0.001L | 0.030L | | | 0.030 | 0.010 | 0.010L | 0.005L | 0.030 | | 0.050 |

MAXIMUM 0.001 0.030 0.050 0.080 0.020 0.010 0.700 0.100
 AVG OR GEOM MN (*) 0.001D 0.027D 0.025D 0.029D 0.013D 0.008D 0.115D 0.051
 MINIMUM 0.001 0.020 0.002 0.010 0.010 0.005 0.010 0.030
 NO OF SAMPLES 3 3 8 9 3 3 8 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 19 | 01 | 76 | 1245 | | | .3 | | | | | | | | | | | 27031 |
| 15 | 03 | 76 | 1310 | | | .3 | | | | | | | | | | | 27096 |
| 11 | 05 | 76 | 1400 | | | .3 | | | | | | | | | | | 27220 |
| 07 | 06 | 76 | 1235 | | | .3 | | | 0.01L | | | | | | | | 27268 |
| 27 | 07 | 76 | 1105 | | | .3 | | | 0.01L | | | | | | | | 27359 |
| 24 | 08 | 76 | 1345 | | | .3 | | | 0.01L | | | | | | | | 27420 |
| 09 | 09 | 76 | 1315 | | | .3 | | | | | | | | | | | 27458 |
| 22 | 11 | 76 | 1225 | | | .3 | | | | | | | | | | | 27605 |
| 16 | 12 | 76 | 1150 | | | .3 | | | | | | | | | | | 27677 |

MAXIMUM 0.01 0.01D 0.01
 AVG OR GEOM MN (*) 0.01D 0.01D 0.01
 MINIMUM 0.01 0.01 0.01
 NO OF SAMPLES 3

B.O.W./ SITE: MONTGOMERY CREEK
 SAMPLE POINT: AT HARBOUR ROAD OSHAWA
 STATION TYPE: RIVER

STATION ID: 06-0111-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: OSHAWA CREEK

STORET CODE: 02
 004
 3660

| STN NO | 2 | LAT | LONG | U.T.M. 17 0674350.0 4859625.0 4 | | | | REGION 03 | MILEAGE | 0.50 | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 19 | 01 | 76 | 1308 | | | .3 | | 27032 | 4 | | 2300. | 140. | 20. | | 0.0 | 10.1 | 1.2 |
| 15 | 03 | 76 | 1330 | | | .3 | | 27097 | 6 | | | | | | 5.0 | 9.3 | 2.0 |
| 26 | 04 | 76 | 1200 | | | .3 | | 27183 | | | 7100. | 860. | 576. | | | | 2.2 |
| 07 | 06 | 76 | 1250 | | | .3 | | 27269 | 6 9 8 | | 87000. | 600. | 300. | | 21.0 | 8.0 | 44.0 |
| 27 | 07 | 76 | 1130 | | | .3 | | 27360 | 6 9 8 | | 32000E+1 | | 1500. | | 23.5 | 6.0 | 8.5 |
| 24 | 08 | 76 | 1400 | | | .3 | | 27421 | 5 8 9 | | | | | | 31.0 | 10.8 | 1.2 |
| 21 | 09 | 76 | 1100 | | | .3 | | 27483 | 9 8 | | 48000. | 2100. | 960. | | 15.2 | 9.2 | 5.4 |
| 26 | 10 | 76 | 1048 | | | .3 | | 27547 | 6 | | 1000. | 500. | 70. | | 6.0 | 12.2 | 1.2 |
| 22 | 11 | 76 | 1235 | | | .3 | | 27606 | 6 | | 3500. | 250. | 10. | | 2.0 | 12.2 | |
| | | | | | | | | | | | 32000E+1 | 2100. | 1500. | | 31.0 | 12.2 | 44.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 13373.* | 516.* | 166.* | | 13.0 | 9.7 | 8.2 |
| MINIMUM | | | | | | | | | | | 1000. | 140. | 10. | | 0.0 | 6.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 6 | 7 | | 8 | 8 | 8 |

MAXIMUM 32000E+1 2100. 1500. 31.0 12.2 44.0
 AVG OR GEOM MN (*) 13373.* 516.* 166.* 13.0 9.7 8.2
 MINIMUM 1000. 140. 10. 0.0 6.0 1.2
 NO OF SAMPLES 7 6 7 8 8 8

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 01 | 76 | 1308 | | | .3 | | 0.100 | 0.012 | 0.370 | 0.750 | 0.017 | 1.000 | 509.0 | 19.0 | | |
| 15 | 03 | 76 | 1330 | | | .3 | | 0.132 | 0.010 | 0.470 | 1.040 | 0.036 | 1.660 | 1289.0 | 79.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 0.062 | 0.012 | 0.246 | 0.700 | 0.027 | 1.130 | 534.0 | 12.0 | | |
| 07 | 06 | 76 | 1250 | | | .3 | | 0.222 | 0.009 | | 1.680 | 0.002 | 0.005L | 544.0 | 40.0 | | |
| 27 | 07 | 76 | 1130 | | | .3 | | 0.180 | 0.002 | 0.028 | 1.300 | 0.001 | 0.009 | 345.0 | 48.0 | | |
| 24 | 08 | 76 | 1400 | | | .3 | | 0.086 | 0.011 | 0.056 | 0.540 | 0.044 | 0.916 | 436.0 | 8.7 | | |
| 21 | 09 | 76 | 1100 | | | .3 | | 0.098 | 0.008 | 0.002 | 0.880 | 0.036 | 0.974 | 542.0 | 7.5 | | |
| 26 | 10 | 76 | 1048 | | | .3 | | 0.084 | 0.019 | 0.202 | 0.640 | 0.043 | 0.847 | 412.0 | 5.5 | | |
| 22 | 11 | 76 | 1235 | | | .3 | | 0.100 | 0.014 | 0.210 | 0.610 | 0.018 | 0.905 | 402.0 | 9.7 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|--------|------|--|--|
| MAXIMUM | | | | | | | | 0.222 | 0.019 | 0.470 | 1.680 | 0.044 | 1.660 | 1289.0 | 79.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.118 | 0.011 | 0.198 | 0.904 | 0.025 | 0.827D | 557.0 | 25.5 | | |
| MINIMUM | | | | | | | | 0.062 | 0.002 | 0.002 | 0.540 | 0.001 | 0.005 | 345.0 | 5.5 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1308 | | | .3 | | 830 | 16.00 | 130.0 | | | | | | | |
| 15 | 03 | 76 | 1330 | | | .3 | | 1900 | 55.00 | 450.0 | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 800 | 8.50 | 115.0 | | | | | | | |
| 07 | 06 | 76 | 1250 | | | .3 | | 690 | 25.00 | 85.0 | | | | | | | |
| 27 | 07 | 76 | 1130 | | | .3 | | 495 | 16.00 | 60.0 | | | | | | | |
| 24 | 08 | 76 | 1400 | | | .3 | | 710 | 4.10 | 95.0 | | | | | | | |
| 21 | 09 | 76 | 1100 | | | .3 | | 700 | 8.00 | 86.0 | | | | | | | |
| 26 | 10 | 76 | 1048 | | | .3 | | 680 | 10.00 | 80.0 | | | | | | | |
| 22 | 11 | 76 | 1235 | | | .3 | | 680 | 16.00 | 95.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|-------|-------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 1900 | 55.00 | 450.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 832 | 17.62 | 132.9 | | | | | | | |
| MINIMUM | | | | | | | | 495 | 4.10 | 60.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 19 | 01 | 76 | 1308 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 03 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 1.0 | | | | | | | | | |
| 07 | 06 | 76 | 1250 | | | .3 | | 2.0 | | | | | | | | | |
| 27 | 07 | 76 | 1130 | | | .3 | | 2.0 | | | | | | | | | |
| 24 | 08 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 09 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 1048 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1235 | | | .3 | | 2.0 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.40 | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | | | | | | | | | |

B.O.W./ SITE: HARMONY CREEK
SAMPLE POINT: AT BLOOR STREET EAST OSHAWA
STATION TYPE: RIVER FLOW GAUGE MOE 02H0107

STATION ID: 06-0112-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: FAREWELL CREEK

STORET CODE: 02
004
3650

STN NO 1 LAT LONG U.T.M. 17 0674300.0 4861075.0 4 REGION 03 MILEAGE 1.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 01 | 76 | 1325 | | | .3 | | 27033 | 4 | | 330. | 20. | 90. | | 0.0 | 11.2 | 1.6 |
| 15 | 03 | 76 | 1348 | | | .3 | | 27098 | 6 | | | | | | 5.0 | 10.5 | 0.8 |
| 07 | 06 | 76 | 1300 | | | .3 | | 27270 | 6 | | 13000. | 310. | 250. | | 23.8 | 12.3 | 2.6 |
| 27 | 07 | 76 | 1250 | | | .3 | | 27361 | 6 | | 32000E+1 | | 600. | | 26.2 | 10.8 | 3.5 |
| 24 | 08 | 76 | 1415 | | | .3 | | 27422 | 6 | | 4000. | 120. | 20. | | 26.2 | 12.0 | 0.4 |
| 21 | 09 | 76 | 1115 | | | .3 | | 27484 | 6 | | 4900. | 600. | 212. | | 16.8 | 12.8 | 1.2 |
| 26 | 10 | 76 | 1105 | | | .3 | | 27548 | 6 | | 180. | 10. | 68. | | 4.5 | 17.4 | 1.8 |
| 22 | 11 | 76 | 1245 | | | .3 | | 27607 | 6 | | 1010. | 28. | 204. | | 1.0 | 12.8 | 0.1 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|----------|------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 32000E+1 | 600. | 600. | | 26.2 | 17.4 | 3.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 3366.* | 71.* | 134.* | | 12.9 | 12.5 | 1.5 |
| MINIMUM | | | | | | | | | | | 180. | 10. | 20. | | 0.0 | 10.5 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 6 | 7 | | 8 | 8 | 8 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 01 | 76 | 1325 | | | .3 | | 0.020 | 0.005 | 0.110 | 0.450 | 0.009 | 1.100 | 706.0 | 7.0 | | |
| 15 | 03 | 76 | 1348 | | | .3 | | 0.132 | 0.015 | 0.108 | 0.620 | 0.015 | 1.690 | 813.0 | 81.0 | | |
| 07 | 06 | 76 | 1300 | | | .3 | | 0.054 | 0.002 | 0.002 | 0.680 | 0.026 | 0.444 | 503.0 | 24.0 | | |
| 27 | 07 | 76 | 1250 | | | .3 | | 0.055 | 0.006 | 0.008 | 1.000 | 0.043 | 0.807 | 361.0 | 21.0 | | |
| 24 | 08 | 76 | 1415 | | | .3 | | 0.078 | 0.002 | 0.018 | 0.500 | 0.008 | 0.602 | 640.0 | 37.0 | | |
| 21 | 09 | 76 | 1115 | | | .3 | | 0.004 | 0.002 | 0.168 | 0.230 | 0.085 | 1.000 | 500.0 | 1.2 | | |
| 26 | 10 | 76 | 1105 | | | .3 | | 0.013 | 0.003 | 0.770 | 1.230 | 0.013 | 0.787 | 536.0 | 2.0 | | |
| 22 | 11 | 76 | 1245 | | | .3 | | 0.012 | 0.003 | 0.010 | 0.320 | 0.004 | 0.806 | 554.0 | 5.4 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.132 0.015 0.770 1.230 0.085 1.690 813.0 81.0
0.046 0.005 0.149 0.629 0.025 0.905 576.6 22.3
0.004 0.002 0.002 0.230 0.004 0.444 361.0 1.2

NO OF SAMPLES

8 8 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1325 | | | .3 | | 1120 | 3.60 | 150.0 | | | | | | | |
| 15 | 03 | 76 | 1348 | | | .3 | | 1240 | 50.00 | 245.0 | | | | | | | |
| 07 | 06 | 76 | 1300 | | | .3 | | 730 | 15.00 | 80.0 | | | | | | | |
| 27 | 07 | 76 | 1250 | | | .3 | | 560 | 29.00 | 60.0 | | | | | | | |
| 24 | 08 | 76 | 1415 | | | .3 | | 980 | 6.30 | 145.0 | | | | | | | |
| 21 | 09 | 76 | 1115 | | | .3 | | 820 | 30.00 | 95.0 | | | | | | | |
| 26 | 10 | 76 | 1105 | | | .3 | | 900 | 3.00 | 88.0 | | | | | | | |
| 22 | 11 | 76 | 1245 | | | .3 | | 980 | 4.80 | 133.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1240 50.00 245.0
916 17.71 124.5
560 3.00 60.0

NO OF SAMPLES

8 8 8

B.O.W./ SITE: BOWMANVILLE CREEK
SAMPLE POINT: WEST BEACH ROAD, BOWMANVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02H0006

STATION ID: 06-0116-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO 1 LAT LONG U.T.M. 17 0686650.0 4862500.0 4 REGION 03 MILEAGE 0.80

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 19 | 01 | 76 | 1425 | | | .3 | | 27035 | 4 | 34.00 | 1000. | 240. | 20. | | 0.0 | 11.4 | 1.0 |
| 15 | 03 | 76 | 1430 | | | .3 | | 27100 | 6 | 50.00 | | | | | 2.0 | 11.4 | 0.4 |
| 26 | 04 | 76 | 1200 | | | .3 | | 27186 | | 95.80 | 7000. | 600. G | 600. G | | | | 0.6 |
| 11 | 05 | 76 | 1430 | | | .3 | | 27221 | 6 | 51.10 | 900. | 260. | 130. | | 10.2 | 8.9 | 0.8 |
| 07 | 06 | 76 | 1330 | | | .3 | | 27272 | 6 | 31.20 | 400. | 112. | 10. | | 21.5 | 11.0 | 0.8 |
| 25 | 06 | 76 | 1015 | | | .3 | | 27330 | 6 | 55.50 | 7000. | 2600. | 1500. G | | 21.8 | 6.0 | 1.0 |
| 23 | 07 | 76 | 1000 | | | .3 | | 27347 | 6 | 24.90 | 1000. | | 120. | | 22.0 | 9.0 | 0.7 |
| 27 | 07 | 76 | 1335 | | | .3 | | 27363 | 6 | 25.30 | 5300. | | 192. | | 23.0 | 10.0 | 1.0 |
| 24 | 08 | 76 | 1445 | | | .3 | | 27424 | 6 | 21.90 | 1200. | 70. | 60. | | 23.0 | 11.3 | 0.2 |
| 09 | 09 | 76 | 1340 | | | .3 | | 27459 | 6 | 21.30 | 500. | 60. | 110. | | 20.0 | 13.8 | 0.8 |
| 21 | 09 | 76 | 1215 | | | .3 | | 27486 | 6 | 29.80 | 1500. | 212. | 220. | | 15.0 | 14.5 | 1.2 |
| 18 | 10 | 76 | 1100 | | | .3 | | 27522 | 6 9 | 27.90 | 170. | 10. | 10. | | 8.8 | 14.4 | 0.4 |
| 26 | 10 | 76 | 1145 | | | .3 | | 27550 | 6 9 | 28.50 | 400. | 10. | 20. | | 4.2 | 14.9 | 1.2 |
| 22 | 11 | 76 | 1300 | | | .3 | | 27608 | 6 | 27.70 | 150. | 1. | 12. | | 1.0 | 13.2 | 0.4 |
| 16 | 12 | 76 | 1125 | | | .3 | | 27676 | 4 | 33.50 | 860. | 10. | 48. | | 0.5 | 17.2 | 3.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

95.80 7000. 2600. 1500.
37.23 979. * 68. * U 71. * U
21.30 150. 1. 10.

23.0 17.2 3.0
12.4 11.9 0.9
0.0 6.0 0.2

NO OF SAMPLES

15 14 12 14 14 14 15

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 01 | 76 | 1425 | | | .3 | | 0.027 | 0.010 | 0.060 | 0.320 | 0.006 | 0.760 | 279.0 | 12.0 | | |
| 15 | 03 | 76 | 1430 | | | .3 | | 0.044 | 0.013 | 0.088 | 0.440 | 0.009 | 1.240 | 316.0 | 25.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 0.026 | 0.005 | 0.046 | 0.480 | 0.007 | 0.808 | 330.0 | 32.0 | | |
| 11 | 05 | 76 | 1430 | | | .3 | | 0.112 | 0.017 | 0.028 | 0.660 | 0.012 | 0.603 | | 7.6 | 307 | |
| 07 | 06 | 76 | 1330 | | | .3 | | 0.019 | 0.004 | 0.004 | 0.340 | 0.004 | 0.111 | 247.0 | 5.8 | | |
| 25 | 06 | 76 | 1015 | | | .3 | | 0.040 | 0.004 | 0.012 | 0.360 | 0.007 | 0.233 | 260.0 | 19.0 | | 241 |
| 23 | 07 | 76 | 1000 | | | .3 | | 0.033 | 0.001 | 0.006 | 0.400 | 0.003 | 0.127 | 259.0 | 28.0 | | 231 |
| 27 | 07 | 76 | 1335 | | | .3 | | 0.024 | 0.005 | 0.002 | 0.260 | 0.003 | 0.142 | 238.0 | 14.0 | | |
| 24 | 08 | 76 | 1445 | | | .3 | | 0.032 | 0.005 | 0.056 | 0.240 | 0.003 | 0.077 | 236.0 | 18.0 | | |
| 09 | 09 | 76 | 1340 | | | .3 | | 0.027 | 0.002 | 0.002L | 0.310 | 0.002 | 0.068 | 233.0 | 12.0 | | 221 |
| 21 | 09 | 76 | 1215 | | | .3 | | 0.110 | 0.003 | 0.008 | 0.120 | 0.003 | 0.217 | 253.0 | 8.5 | | |
| 18 | 10 | 76 | 1100 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.030 | 0.002 | 0.168 | 238.0 | 4.2 | 234 | |
| 26 | 10 | 76 | 1145 | | | .3 | | 0.018 | 0.004 | 0.030 | 0.250 | 0.003 | 0.337 | 248.0 | 4.9 | | |
| 22 | 11 | 76 | 1300 | | | .3 | | 0.016 | 0.003 | 0.006 | 0.180 | 0.002 | 0.418 | 274.0 | 14.0 | | 263 |
| 16 | 12 | 76 | 1125 | | | .3 | | 0.029 | 0.011 | 0.036 | 0.250 | 0.008 | 0.672 | 295.0 | 18.0 | 277 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.112 0.017 0.088 0.660 0.012 1.240 330.0 32.0 307 263
0.038 0.006 0.026D 0.309 0.005 0.399 264.7 14.9 273 239
0.012 0.001 0.002 0.030 0.002 0.068 233.0 4.2 234 221

NO OF SAMPLES

15 15 15 15 15 15 14 15 3 4

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1425 | | | .3 | | 450 | 7.60 | 10.5 | | | | | | | |
| 15 | 03 | 76 | 1430 | | | .3 | | 475 | 15.00 | 20.0 | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 460 | 15.00 | 15.0 | | | | | | | |
| 11 | 05 | 76 | 1430 | | | .3 | | 475 | 4.90 | 13.0 | 25.5 | 2.90 | | | 8.39 | | 0.250 |
| 07 | 06 | 76 | 1330 | | | .3 | | 370 | 4.80 | 8.9 | | | | | | | |
| 25 | 06 | 76 | 1015 | | | .3 | | 370 | 14.00 | 10.5 | 19.5 | 3.65 | | | 8.23 | | 0.560 |
| 23 | 07 | 76 | 1000 | | | .3 | | 355 | 15.00 | 16.0 | 18.0 | 1.65 | | | 8.19 | | 0.720 |
| 27 | 07 | 76 | 1335 | | | .3 | | 345 | 15.00 | 6.2 | | | | | | | |
| 24 | 08 | 76 | 1445 | | | .3 | | 336 | 10.00 | 5.6 | 17.5 | 3.85 | | | | | 0.510 |
| 09 | 09 | 76 | 1340 | | | .3 | | 340 | 8.40 | 5.4 | 18.0 | 4.05 | | | 8.40 | | 0.350 |
| 21 | 09 | 76 | 1215 | | | .3 | | 375 | 6.40 | 6.2 | | | | | | | |
| 18 | 10 | 76 | 1100 | | | .3 | | 445 | 3.60 | 6.3 | 18.5 | 4.65 | | | 8.31 | | 0.190 |
| 26 | 10 | 76 | 1145 | | | .3 | | 420 | 7.00 | 7.6 | | | | | | | |
| 22 | 11 | 76 | 1300 | | | .3 | | 405 | 6.00 | 6.3 | 21.5 | 4.80 | | | 8.49 | | 0.380 |
| 16 | 12 | 76 | 1125 | | | .3 | | 450 | 16.00 | 11.5 | 26.5 | 5.80 | | | 8.20 | | 0.480 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|-----|-------|------|------|------|--|--|------|--|-------|
| | | | | | | | | 475 | 16.00 | 20.0 | 26.5 | 5.80 | | | 8.49 | | 0.720 |
| | | | | | | | | 405 | 9.91 | 9.9 | 20.6 | 3.92 | | | 8.32 | | 0.430 |
| | | | | | | | | 336 | 3.60 | 5.4 | 17.5 | 1.65 | | | 8.19 | | 0.190 |
| | | | | | | | | 15 | 15 | 15 | 8 | 8 | | | 7 | | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-----------------------------------|
| 19 | 01 | 76 | 1425 | | | .3 | | | | | | | | | | | |
| 15 | 03 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | | 24 | 0 |
| 07 | 06 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 25 | 06 | 76 | 1015 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 07 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | 11 | 20 |
| 27 | 07 | 76 | 1335 | | | .3 | | | | | | | | | | 7 | 16 |
| 24 | 08 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | | | |
| 09 | 09 | 76 | 1340 | | | .3 | | 1.0L | | | | | | | | 4 | 10L |
| 21 | 09 | 76 | 1215 | | | .3 | | | | | | | | | | | 1 |
| 18 | 10 | 76 | 1100 | | | .3 | | 5.0 | | | | | | | | 7 | 18 |
| 26 | 10 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | 9 | 10L |
| 16 | 12 | 76 | 1125 | | | .3 | | 1.0L | | | | | | | | 5 | 40 |

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|----|-----|---|
| | | | | | | | | 5.0 | | | | | | | | 11 | 40 | 1 |
| | | | | | | | | 1.50 | | | | | | | | 7 | 200 | 0 |
| | | | | | | | | 1.0 | | | | | | | | 4 | 10 | 0 |
| | | | | | | | | 8 | | | | | | | | 7 | 7 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 05 | 76 | 1430 | | | .3 | | 0.001L | 0.020L | | 0.020L | 0.010 | 0.010L | 0.010L | 0.040 | | 0.010L |
| 09 | 09 | 76 | 1340 | | | .3 | | 0.001L | 0.030L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.090 | | 0.010L |
| 16 | 12 | 76 | 1125 | | | .3 | | 0.001L | 0.030L | | 0.020 | 0.010L | 0.010L | 0.005L | 0.040 | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------|--------|--|--------|--------|--------|--------|-------|--|--------|
| | | | | | | | | 0.001 | 0.030 | | 0.020 | 0.010 | 0.010 | 0.010 | 0.090 | | 0.010 |
| | | | | | | | | 0.001D | 0.027D | | 0.017D | 0.010D | 0.010D | 0.008D | 0.057 | | 0.010D |
| | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.040 | | 0.010 |
| | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: SOPER BROOK
SAMPLE POINT: WEST BEACH ROAD BOWMANVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HD007

STATION ID: 06-0116-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO 2 LAT LONG U.T.M. 17 0686950.0 4862650.0 4 REGION 03 MILEAGE 0.60

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 01 | 76 | 1400 | | | .3 | | 27034 | 6 | 12.00 | 17700. | 30. | 710. | | 0.4 | 10.4 | 4.8 |
| 15 | 03 | 76 | 1420 | | | .3 | | 27099 | 6 | 38.60 | | | | | 3.8 | 10.0 | 1.2 |
| 26 | 04 | 76 | 1200 | | | .3 | | 27185 | | 86.80 | 8600. | 300. | 540. | | | | 1.4 |
| 07 | 06 | 76 | 1320 | | | .3 | | 27271 | 6 | 19.60 | 1000. | 20. | 20. | | 21.0 | 10.0 | 1.0 |
| 27 | 07 | 76 | 1310 | | | .3 | | 27362 | 6 | 12.20 | 30000. | | | | 22.5 | 8.0 | 1.5 |
| 24 | 08 | 76 | 1435 | | | .3 | | 27423 | 6 | 10.00 | 1000. | 10. L | 10. L | | 23.0 | 9.3 | 1.0 |
| 21 | 09 | 76 | 1200 | | | .3 | | 27485 | 6 | 16.60 | 400. | 10. L | 1. | | 14.5 | 14.6 | 1.8 |
| 26 | 10 | 76 | 1130 | | | .3 | | 27549 | 6 | 16.80 | 10. | 1. | 1. | | 4.5 | 16.8 | 1.4 |
| 22 | 11 | 76 | 1255 | | | .3 | | 27609 | | 14.20 | 210. | 1. | 16. | | 2.0 | 13.6 | 1.4 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|--------|--|------|------|-----|
| | | | | | | | | | | 86.80 | 30000. | 300. | 710. | | 23.0 | 16.8 | 4.8 |
| | | | | | | | | | | 25.20 | 1183.* | 11.* D | 20.* D | | 11.5 | 11.6 | 1.7 |
| | | | | | | | | | | 10.00 | 10. | 1. | 1. | | 0.4 | 8.0 | 1.0 |
| | | | | | | | | | | 9 | 8 | 7 | 8 | | 8 | 8 | 9 |

CONT'D

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 | 01 | 76 | 1400 | | | .3 | 0.460 | 0.310 | 2.800 | 3.000 | 0.022 | 1.500 | 319.0 | 13.0 | | |
| 15 | 03 | 76 | 1420 | | | .3 | 0.134 | 0.064 | 0.550 | 1.280 | 0.020 | 1.830 | 367.0 | 25.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | 0.072 | 0.047 | 0.302 | 0.700 | 0.023 | 1.470 | 368.0 | 35.0 | | |
| 07 | 06 | 76 | 1320 | | | .3 | 0.088 | 0.063 | 0.016 | 0.480 | 0.025 | 2.000 | 338.0 | 8.0 | | |
| 27 | 07 | 76 | 1310 | | | .3 | 0.168 | 0.085 | 0.058 | 0.520 | 0.040 | 2.000 | 281.0 | 17.0 | | |
| 24 | 08 | 76 | 1435 | | | .3 | 0.150 | 0.082 | 0.350 | 0.860 | 0.047 | 1.030 | 263.0 | 24.0 | | |
| 21 | 09 | 76 | 1200 | | | .3 | 0.061 | 0.050 | 0.080 | 0.280 | 0.021 | 2.080 | 323.0 | 41.0 | | |
| 26 | 10 | 76 | 1130 | | | .3 | 0.185 | 0.185 | 0.480 | 0.820 | 0.015 | 2.290 | 323.0 | 7.3 | | |
| 22 | 11 | 76 | 1255 | | | .3 | 0.336 | 0.230 | 0.600 | 1.180 | 0.022 | 2.7 | 382. | 41. | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.460 0.310 2.800 3.000 0.047 2.7 382. 41.0
0.184 0.124 0.582 1.013 0.026 1.878 329.3 23.5
0.061 0.047 0.016 0.280 0.015 1.030 263.0 7.3

NO OF SAMPLES

9 9 9 9 9 9 9 9

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 19 | 01 | 76 | 1400 | | | .3 | 560 | 6.50 | 23.0 | | | | | | | |
| 15 | 03 | 76 | 1420 | | | .3 | 600 | 15.00 | 39.0 | | | | | | | |
| 26 | 04 | 76 | 1200 | | | .3 | 500 | 21.00 | 23.0 | | | | | | | |
| 07 | 06 | 76 | 1320 | | | .3 | 500 | 6.10 | 23.5 | | | | | | | |
| 27 | 07 | 76 | 1310 | | | .3 | 450 | 16.00 | 19.5 | | | | | | | |
| 24 | 08 | 76 | 1435 | | | .3 | 428 | 22.00 | 20.0 | | | | | | | |
| 21 | 09 | 76 | 1200 | | | .3 | 475 | 22.00 | 21.0 | | | | | | | |
| 26 | 10 | 76 | 1130 | | | .3 | 520 | 5.60 | 19.5 | | | | | | | |
| 22 | 11 | 76 | 1255 | | | .3 | 475 | 24. | 15. | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

600 24. 39.0
501 15.36 22.6
428 5.60 15.

NO OF SAMPLES

9 9 9

B.O.W./ SITE: SOPER BROOK
SAMPLE POINT: HIGHWAY 2, BOWMANVILLE
STATION TYPE: RIVER

STATION ID: 06-0116-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BOWMANVILLE CREEK

STORET CODE: 02
004
3540

STN NO 3 LAT LONG U.T.M. 17 0687250.0 4865650.0 4 REGION 03 MILEAGE 3.20

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BCD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 19 | 03 | 76 | 1110 | | | .3 | 27130 | 6 | | | | | | 1.0 | 11.2 | 0.6 |
| 29 | 04 | 76 | 1200 | | | .3 | 27216 | | | | | | | | | 0.6 |
| 07 | 06 | 76 | 1348 | | | .3 | 27273 | 6 | | 900. | 20. | 192. | | 22.0 | 14.8 | 0.8 |
| 27 | 07 | 76 | 1345 | | | .3 | 27364 | 6 9 | | 900. | | 304. | | 22.8 | 14.7 | 0.8 |
| 27 | 08 | 76 | 1120 | | | .3 | 27454 | 6 | | 6000. | 1480. | 120. | | 18.0 | 11.7 | 0.8 |
| 21 | 09 | 76 | 1240 | | | .3 | 27487 | 6 | | 2000. | 760. | 356. | | 17.5 | 14.6 | 1.0 |
| 26 | 10 | 76 | 1230 | | | .3 | 27551 | 6 | | 100. | 70. | 20. | | 3.8 | 15.8 | 1.0 |
| 22 | 11 | 76 | 1325 | | | .3 | 27610 | 6 | | 1110. | 24. | 16. | | 1.0 | 12.8 | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

6000. 1480. 356.
1013.* 130.* 96.*
100. 20. 16.

NO OF SAMPLES

6 5 6 7 7 8

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 | 03 | 76 | 1110 | | | .3 | 0.052 | 0.014 | 0.088 | 0.430 | 0.010 | 2.340 | | | | |
| 29 | 04 | 76 | 1200 | | | .3 | 0.029 | 0.005 | 0.014 | 0.370 | 0.008 | 1.650 | 317.0 | 14.0 | | |
| 07 | 06 | 76 | 1348 | | | .3 | 0.015 | 0.003 | 0.010 | 0.530 | 0.011 | 0.744 | 272.0 | 7.3 | | |
| 27 | 07 | 76 | 1345 | | | .3 | 0.030 | 0.005 | 0.002 | 0.380 | 0.008 | 0.807 | 270.0 | 13.0 | | |
| 27 | 08 | 76 | 1120 | | | .3 | 0.048 | 0.006 | 0.004 | 0.240 | 0.007 | 0.823 | 271.0 | 8.2 | | |
| 21 | 09 | 76 | 1240 | | | .3 | 0.025 | 0.013 | 0.016 | 0.020 | 0.008 | 0.797 | 277.0 | 11.0 | | |
| 26 | 10 | 76 | 1230 | | | .3 | 0.019 | 0.009 | 0.020 | 0.270 | 0.005 | 1.030 | 283.0 | 5 | | |
| 22 | 11 | 76 | 1325 | | | .3 | 0.030 | 0.008 | 0.016 | 0.270 | 0.003 | 1.200 | 922.0 | 19.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.052 0.014 0.088 0.530 0.011 2.340 922.0 283.0 5
0.031 0.008 0.021 0.314 0.008 1.174 388.2 50.8 5
0.015 0.003 0.002 0.020 0.003 0.744 270.0 7.3 5

NO OF SAMPLES

8 8 8 8 8 8 6 7 1

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 03 | 76 | 1110 | | .3 | | 490 | 6.70 | 12.0 | | | | | | | |
| 29 | 04 | 76 | 1200 | | .3 | | 495 | 6.30 | 11.0 | | | | | | | |
| 07 | 06 | 76 | 1348 | | .3 | | 430 | 4.00 | 7.5 | | | | | | | |
| 27 | 07 | 76 | 1345 | | .3 | | 395 | 6.60 | 6.0 | | | | | | | |
| 27 | 08 | 76 | 1120 | | .3 | | 414 | 10. | 6.5 | | | | | | | |
| 21 | 09 | 76 | 1240 | | .3 | | 425 | 6.80 | 7.2 | | | | | | | |
| 26 | 10 | 76 | 1230 | | .3 | | 460 | 4.20 | 7.2 | | | | | | | |
| 22 | 11 | 76 | 1325 | | .3 | | 440 | 1.60 | 5.9 | | | | | | | |
| MAXIMUM | | | | | | | 495 | 10. | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 444 | 5.78 | 7.9 | | | | | | | |
| MINIMUM | | | | | | | 395 | 1.60 | 5.9 | | | | | | | |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: ORONO CREEK
SAMPLE POINT: AT CONCESSION ROAD SOUTHWEST OF ORONO
STATION TYPE: RIVER

STATION ID: 06-0117-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WILMOT CREEK

STORET CODE: 02
004
3490

STN NO 2 LAT LONG U.T.M. 17 0691000.0 4869675.0 4 REGION 03 MILEAGE 5.00

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 23 | 01 | 76 | 1300 | | .3 | | 27062 | 4 | | | | | | 0.2 | 12.1 | 0.2 |
| 19 | 03 | 76 | 1000 | | .3 | | 27128 | 6 | | | | | | 2.0 | 10.5 | 0.4 |
| 29 | 04 | 76 | 1535 | | .3 | | 27214 | 6 | | 400. | 12. | 28. | | 12.5 | 10.2 | 0.8 |
| 07 | 06 | 76 | 1410 | | .3 | | 27274 | 6 | | 600. | 1. | 28. | | 20.0 | 11.0 | 0.8 |
| 27 | 07 | 76 | 1430 | | .3 | | 27366 | 6 | | 240. | 1. | 1. | | 20.5 | 13.0 | 0.5 |
| 21 | 09 | 76 | 1400 | | .3 | | 27489 | 6 | | 1700. | 204. | 136. | | 14.0 | 11.4 | 0.6 |
| 26 | 10 | 76 | 1300 | | .3 | | 27553 | 6 | | 20. | 10. | 16. | | 5.0 | 15.5 | 0.7 |
| 22 | 11 | 76 | 1400 | | .3 | | 27612 | 6 | | 1800. | 30. | 10. | | 2.0 | 12.6 | 0.8 |
| MAXIMUM | | | | | | | | | | 1800. | 204. | 136. | | 20.5 | 15.5 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 390.* | 9.* D | 16.* | | 9.5 | 12.0 | 0.6 |
| MINIMUM | | | | | | | | | | 20. | 1. | 1. | | 0.2 | 10.2 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 6 | 6 | 6 | | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 23 | 01 | 76 | 1300 | | .3 | | 0.009 | 0.002 | 0.020 | 0.240 | 0.027 | 3.500 | 401.0 | 3.1 | | |
| 19 | 03 | 76 | 1000 | | .3 | | 0.012 | 0.005 | 0.036 | 0.270 | 0.005 | 2.820 | | | | |
| 29 | 04 | 76 | 1535 | | .3 | | 0.014 | 0.001 | 0.010 | 0.390 | 0.005 | 2.050 | 382. | 6.0 | | |
| 07 | 06 | 76 | 1410 | | .3 | | 0.005 | 0.001 | 0.008 | 0.170 | 0.009 | 2.300 | 361.0 | 3.5 | | |
| 27 | 07 | 76 | 1430 | | .3 | | 0.005 | 0.001L | 0.014 | 0.390 | 0.009 | 2.500 | 231.0 | 3.9 | | |
| 21 | 09 | 76 | 1400 | | .3 | | 0.004 | 0.002 | 0.006 | 0.020 | 0.007 | 2.390 | 394.0 | 2.2 | | |
| 26 | 10 | 76 | 1300 | | .3 | | 0.008 | 0.001 | 0.004 | 0.210 | 0.004 | 2.950 | 396.0 | | 3 | |
| 22 | 11 | 76 | 1400 | | .3 | | 0.192 | 0.002 | 0.004 | 0.840 | 0.002 | 3.300 | 521.0 | 143.0 | | |
| MAXIMUM | | | | | | | 0.192 | 0.005 | 0.036 | 0.840 | 0.027 | 3.500 | 521.0 | 396.0 | 3 | |
| AVG OR GEOM MN (*) | | | | | | | 0.031 | 0.002D | 0.013 | 0.316 | 0.009 | 2.726 | 381.7 | 79.7 | 3 | |
| MINIMUM | | | | | | | 0.004 | 0.001 | 0.004 | 0.020 | 0.002 | 2.050 | 231.0 | 2.2 | 3 | |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 6 | 7 | 1 | |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 23 | 01 | 76 | 1300 | | .3 | | 640 | 1.10 | 40.5 | | | | | | | |
| 19 | 03 | 76 | 1000 | | .3 | | 600 | 1.00 | 39.5 | | | | | | | |
| 29 | 04 | 76 | 1535 | | .3 | | 600 | 1.1 | 36. | | | | | | | |
| 07 | 06 | 76 | 1410 | | .3 | | 570 | 1.10 | 36.0 | | | | | | | |
| 27 | 07 | 76 | 1430 | | .3 | | 590 | 1.50 | 40.5 | | | | | | | |
| 21 | 09 | 76 | 1400 | | .3 | | 600 | 1.20 | 44.5 | | | | | | | |
| 26 | 10 | 76 | 1300 | | .3 | | 640 | 1.00 | 44.0 | | | | | | | |
| 22 | 11 | 76 | 1400 | | .3 | | 650 | 16.00 | 46.5 | | | | | | | |
| MAXIMUM | | | | | | | 650 | 16.00 | 46.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 611 | 3.00 | 40.9 | | | | | | | |
| MINIMUM | | | | | | | 570 | 1.00 | 36. | | | | | | | |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: WILMOT CREEK
 SAMPLE POINT: AT HIGHWAY 2, 2 MILES WEST OF NEWCASTLE
 STATION TYPE: RIVER FLOW GAUGE FED 02HD009

STATION ID: 06-0117-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: WILMOT CREEK

STORET CODE: 02
 004
 3490

| STN NO | 3 | LAT | LONG | U.T.M. 17 0691999.0 4864750.0 4 | REGION 03 | MILEAGE | 0.70 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 905 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 23 01 76 1425 | | | .3 | | 27063 | 4 | 10.00 | | | | | 0.0 | 12.6 | 0.2 |
| 19 03 76 1050 | | | .3 | | 27129 | 4 | 54.80 | | | | | 1.0 | 10.8 | 0.6 |
| 29 04 76 1600 | | | .3 | | 27215 | 6 | 38.80 | 100. | 8. | 20. | | 13.5 | 9.4 | 0.6 |
| 07 06 76 1430 | | | .3 | | 27275 | 6 | 21.60 | 600. | 4. | 20. | | 22.0 | 12.0 | 0.4 |
| 27 07 76 1405 | | | .3 | | 27365 | 6 | 17.50 | 240. | 1. | 72. | | 23.0 | 15.0 | 0.8 |
| 27 08 76 1100 | | | .3 | | 27453 | 6 | 11.70 | 100. | 84. | 28. | | 18.0 | 11.8 | 0.2 |
| 21 09 76 1300 | | | .3 | | 27488 | 6 | 22.00 | 300. | 80. | 48. | | 15.0 | 14.2 | 0.8 |
| 26 10 76 1245 | | | .3 | | 27552 | 6 | 18.00 | 10. | 8. | 4. | | 5.1 | 15.0 | 1.1 |
| 22 11 76 1340 | | | .3 | | 27611 | 6 | 16.30 | 140. | 1. | 6. | | 2.0 | 12.6 | 0.2 |
| MAXIMUM | | | | | | | 54.80 | 600. | 84. | 72. | | 23.0 | 15.0 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | 23.41 | 129.* | 8.* | 19.* | | 11.1 | 12.6 | 0.5 |
| MINIMUM | | | | | | | 10.00 | 10. | 1. | 4. | | 0.0 | 9.4 | 0.2 |
| NO OF SAMPLES | | | | | | | 9 | 7 | 7 | 7 | | 9 | 9 | 9 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 23 01 76 1425 | | | .3 | | 0.018 | 0.002 | 0.010 | 0.270 | 0.006 | 1.700 | 322.0 | 9.6 | | |
| 19 03 76 1050 | | | .3 | | 0.037 | 0.004 | 0.030 | 0.310 | 0.004 | 1.700 | | | | |
| 29 04 76 1600 | | | .3 | | 0.015 | 0.002 | 0.004 | 0.280 | 0.005 | 1.060 | 311. | 11. | | |
| 07 06 76 1430 | | | .3 | | 0.020 | 0.001 | 0.006 | 0.480 | 0.006 | 1.020 | 295.0 | 7.3 | | |
| 27 07 76 1405 | | | .3 | | 0.008 | 0.001L | 0.004 | 0.280 | 0.006 | 1.160 | 254.0 | 11.0 | | |
| 27 08 76 1100 | | | .3 | | 0.011 | 0.001 | 0.002 | 0.220 | 0.004 | 0.946 | 288.0 | 7.0 | | |
| 21 09 76 1300 | | | .3 | | 0.025 | 0.001L | 0.002 | 0.050 | 0.003 | 0.982 | 290.0 | 12.0 | | |
| 26 10 76 1245 | | | .3 | | 0.018 | 0.001 | 0.004 | 0.270 | 0.003 | 1.250 | 284.0 | | 8 | |
| 22 11 76 1340 | | | .3 | | 0.006 | 0.002 | 0.004 | 0.170 | 0.001 | 1.530 | 264.0 | 3.6 | | |
| MAXIMUM | | | | | 0.037 | 0.004 | 0.030 | 0.480 | 0.006 | 1.700 | 322.0 | 284.0 | 8 | |
| AVG OR GEOM MN (*) | | | | | 0.018 | 0.002D | 0.007 | 0.259 | 0.004 | 1.261 | 289.1 | 43.2 | 8 | |
| MINIMUM | | | | | 0.006 | 0.001 | 0.002 | 0.050 | 0.001 | 0.946 | 254.0 | 3.6 | 8 | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 8 | 1 | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 23 01 76 1425 | | | .3 | | 500 | 1.00 | 14.5 | | | | | | | |
| 19 03 76 1050 | | | .3 | | 600 | 3.20 | 47.5 | | | | | | | |
| 29 04 76 1600 | | | .3 | | 495 | 2.0 | 13. | | | | | | | |
| 07 06 76 1430 | | | .3 | | 440 | 1.60 | 13.5 | | | | | | | |
| 27 07 76 1405 | | | .3 | | 417 | 6.20 | 13.5 | | | | | | | |
| 27 08 76 1100 | | | .3 | | 430 | 3.0 | 13.5 | | | | | | | |
| 21 09 76 1300 | | | .3 | | 445 | 3.60 | 13.5 | | | | | | | |
| 26 10 76 1245 | | | .3 | | 465 | 2.50 | 12.0 | | | | | | | |
| 22 11 76 1340 | | | .3 | | 465 | 38.00 | 14.5 | | | | | | | |
| MAXIMUM | | | | | 600 | 38.00 | 47.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 473 | 6.79 | 17.3 | | | | | | | |
| MINIMUM | | | | | 417 | 1.00 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: GRAHAM CREEK
 SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM LAKE ONTARIO. NEWCASTLE
 STATION TYPE: RIVER FLOW GAUGE MOE 02HD105

STATION ID: 06-0118-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: GRAHAM CREEK

STORET CODE: 02
 004
 3480

| STN NO | 1 | LAT | LONG | U.T.M. 17 0694075.0 4864050.0 4 | | | | REGION 03 | | MILEAGE | | 0.70 | | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 19 01 76 1448 | | | .3 | | 27036 | 4 | | 160. | 10. | L | L | 0.0 | 11.9 | 1.0 |
| 15 03 76 1500 | | | .3 | | 27101 | 4 | | | | | | 0.5 | 10.5 | 0.8 |
| 26 04 76 1452 | | | .3 | | 27187 | 6 | | | | | | 4.5 | 10.2 | 0.8 |
| 07 06 76 1455 | | | .3 | | 27276 | 6 | | 700. | 12. | 32. | | 21.0 | 13.7 | 1.0 |
| 27 07 76 1505 | | | .3 | | 27367 | 6 | | 330. | 1. | 60. | | 25.5 | 14.0 | 1.0 |
| 24 08 76 1510 | | | .3 | | 27425 | 6 | | 200. | 88. | 56. | | 23.5 | 10.8 | 0.6 |
| 21 09 76 1425 | | | .3 | | 27490 | 6 | | 650. | 180. | 76. | | 16.0 | 15.5 | 1.0 |
| 26 10 76 1320 | | | .3 | | 27554 | 6 | | 20. | 10. | 8. | | 4.8 | 15.1 | 1.0 |
| 22 11 76 1415 | | | .3 | | 27613 | 6 | | 700. | 40. | 10. | | 1.0 | 13.6 | 0.6 |
| MAXIMUM | | | | | | | | 700. | 180. | 76. | | 25.5 | 15.5 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 253.* | 19.* | 25.* | D | 10.8 | 12.8 | 0.9 |
| MINIMUM | | | | | | | | 20. | 1. | 8. | | 0.0 | 10.2 | 0.6 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 01 | 76 | 1448 | | | .3 | | 0.014 | 0.005 | 0.120 | 0.420 | 0.008 | 0.880 | 320.0 | 7.0 | | |
| 15 | 03 | 76 | 1500 | | | .3 | | 0.174 | 0.010 | 0.022 | 0.800 | 0.007 | 0.653 | 446.0 | 185.0 | | |
| 26 | 04 | 76 | 1452 | | | .3 | | 0.096 | 0.004 | 0.002 | 0.640 | 0.004 | 0.266 | 281.0 | 40.0 | | |
| 07 | 06 | 76 | 1455 | | | .3 | | 0.006 | 0.002 | 0.002L | 0.300 | 0.005 | 0.160 | 252.0 | 2.4 | | |
| 27 | 07 | 76 | 1505 | | | .3 | | 0.014 | 0.001L | 0.002L | 0.440 | 0.003 | 0.117 | 256.0 | 8.7 | | |
| 24 | 08 | 76 | 1510 | | | .3 | | 0.012 | 0.002 | 0.014 | 0.400 | 0.003 | 0.027 | 237.0 | 3.0 | | |
| 21 | 09 | 76 | 1425 | | | .3 | | 0.003 | 0.002 | 0.006 | 0.020 | 0.004 | 0.326 | 265.0 | 4.7 | | |
| 26 | 10 | 76 | 1320 | | | .3 | | 0.009 | 0.002 | 0.002 | 0.340 | 0.003 | 0.437 | | 291.0 | 4 | |
| 22 | 11 | 76 | 1415 | | | .3 | | 0.026 | 0.002 | 0.002 | 0.400 | 0.002 | 0.650 | 297.0 | 28.0 | | |
| MAXIMUM | | | | | | | | 0.174 | 0.010 | 0.120 | 0.800 | 0.008 | 0.880 | 446.0 | 291.0 | 4 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.039 | 0.003D | 0.019D | 0.418 | 0.004 | 0.391 | 294.3 | 63.3 | 4 | |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.002 | 0.020 | 0.002 | 0.027 | 237.0 | 2.4 | 4 | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 1 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 01 | 76 | 1448 | | | .3 | | 510 | 3.40 | 20.0 | | | | | | | |
| 15 | 03 | 76 | 1500 | | | .3 | | 410 | 65.00 | 14.0 | | | | | | | |
| 26 | 04 | 76 | 1452 | | | .3 | | 370 | 13.0 | 9.4 | | | | | | | |
| 07 | 06 | 76 | 1455 | | | .3 | | 383 | 1.40 | 8.2 | | | | | | | |
| 27 | 07 | 76 | 1505 | | | .3 | | 380 | 4.60 | 10.0 | | | | | | | |
| 24 | 08 | 76 | 1510 | | | .3 | | 360 | 2.60 | 8.7 | | | | | | | |
| 21 | 09 | 76 | 1425 | | | .3 | | 420 | 3.60 | 8.5 | | | | | | | |
| 26 | 10 | 76 | 1320 | | | .3 | | 470 | 2.40 | 10.0 | | | | | | | |
| 22 | 11 | 76 | 1415 | | | .3 | | 465 | 5.00 | 8.0 | | | | | | | |
| MAXIMUM | | | | | | | | 510 | 65.00 | 20.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 419 | 11.22 | 10.8 | | | | | | | |
| MINIMUM | | | | | | | | 360 | 1.40 | 8.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: GANARASKA RIVER
SAMPLE POINT: PETER STREET PORT HOPE
STATION TYPE: RIVER FLOW GAUGE FED 02HD003

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GANARASKA RIVER

STATION ID: 06-0129-001-02

STORET CODE: 02
004
3240

STN NO 1 LAT LONG U.T.M. 17 0717300.0 4869525.0 4 REGION 03 MILEAGE 0.40

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 0900 | | | .3 | | 27037 | 4 | 35.50 | 300. | 20. | 50. | | 0.8 | 10.9 | 1.4 |
| 15 | 03 | 76 | 1530 | | | .3 | | 27102 | 6 | 33.90 | | | | | 2.0 | 11.0 | 0.4 |
| 26 | 04 | 76 | 1200 | | | .3 | | 27189 | | 71.70 | 1000. | 300. | 336. | | | | 0.8 |
| 11 | 05 | 76 | 1500 | | | .3 | | 27222 | 6 | 39.90 | 300. | 40. | 120. | | 11.5 | 9.8 | 1.4 |
| 07 | 06 | 76 | 1530 | | | .3 | | 27277 | 6 9 | 28.00 | 300. | 4. | 164. | | 22.5 | 12.2 | 1.4 |
| 25 | 06 | 76 | 1126 | | | .3 | | 27331 | 6 | 52.50 | 5000. | 2240. | 600. G | | 21.0 | 8.0 | 1.0 |
| 23 | 07 | 76 | 0910 | | | .3 | | 27346 | 6 | 23.40 | 2000. | | 50. | | 20.0 | 11.0 | 1.0 |
| 27 | 07 | 76 | 1535 | | | .3 | | 27368 | 6 | 23.20 | 170. | 1. | 72. | | 25.0 | 11.0 | 1.0 |
| 24 | 08 | 76 | 1605 | | | .3 | | 27426 | 6 | 19.30 | 610. | 184. | 164. | | 22.2 | 12.0 | 2.6 |
| 09 | 09 | 76 | 1430 | | | .3 | | 27460 | 6 | 22.80 | 1700. | 760. | 680. | | 20.5 | 13.4 | 1.4 |
| 21 | 09 | 76 | 1500 | | | .3 | | 27491 | 6 | 31.20 | 1200. | 350. | 290. | | 15.2 | 12.8 | 1.4 |
| 18 | 10 | 76 | 1140 | | | .3 | | 27523 | 6 | 27.40 | 200. | 50. | 120. | | 5.1 | 11.2 | 0.8 |
| 26 | 10 | 76 | 1400 | | | .3 | | 27555 | 6 | 30.90 | 1200. | 30. | 90. | | 4.5 | 17.3 | 6.8 |
| 22 | 11 | 76 | 1450 | | | .3 | | 27614 | 6 | 28.40 | 1000. | 80. | 24. | | 1.0 | 11.9 | 0.2 |
| 16 | 12 | 76 | 1040 | | | .3 | | 27675 | 4 | 21.00 | 1200. | 56. | 40. | | 1.5 | 16.2 | 2.0 |
| MAXIMUM | | | | | | | | | | 71.70 | 5000. | 2240. | 680. | | 25.0 | 17.3 | 6.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 32.61 | 746.* | 68.* | 125.* U | | 12.3 | 12.1 | 1.5 |
| MINIMUM | | | | | | | | | | 19.30 | 170. | 1. | 24. | | 0.8 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 15 | 14 | 13 | 14 | | 14 | 14 | 15 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 0900 | | | .3 | | 0.024 | 0.006 | 0.050 | 0.290 | 0.007 | 0.830 | 266.0 | 11.0 | | |
| 15 | 03 | 76 | 1530 | | | .3 | | 0.054 | 0.011 | 0.044 | 0.380 | 0.007 | 0.948 | 296.0 | 35.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | | 0.026 | 0.005 | 0.008 | 0.420 | 0.005 | 0.570 | 286.0 | 23.0 | | |
| 11 | 05 | 76 | 1500 | | | .3 | | 0.020 | 0.030 | 0.084 | 0.320 | 0.018 | 0.622 | | 5.8 | 268 | |
| 07 | 06 | 76 | 1530 | | | .3 | | 0.028 | 0.003 | 0.010 | 0.410 | 0.005 | 0.155 | 242.0 | 8.1 | | |
| 25 | 06 | 76 | 1126 | | | .3 | | 0.060 | 0.005 | 0.010 | 0.480 | 0.009 | 0.346 | 281.0 | 31.0 | | 250 |
| 23 | 07 | 76 | 0910 | | | .3 | | 0.028 | 0.001 | 0.012 | 0.380 | 0.004 | 0.236 | 262.0 | 28.0 | | 234 |
| 27 | 07 | 76 | 1535 | | | .3 | | 0.010 | 0.001L | 0.002L | 0.180 | 0.004 | 0.216 | 238.0 | 17.0 | | |
| 24 | 08 | 76 | 1605 | | | .3 | | 0.002 | 0.001 | 0.008 | 0.300 | 0.005 | 0.155 | 233.0 | 12.0 | | |
| 09 | 09 | 76 | 1430 | | | .3 | | 0.038 | 0.002 | 0.004 | 0.300 | 0.003 | 0.177 | 303.0 | 75.0 | | 228 |
| 21 | 09 | 76 | 1500 | | | .3 | | 0.007 | 0.002 | 0.004 | 0.010 | 0.004 | 0.336 | 265.0 | 21.0 | | |
| 18 | 10 | 76 | 1140 | | | .3 | | 0.015 | 0.004 | 0.008 | 0.250 | 0.002 | 0.293 | 243.0 | 8.4 | 235 | |
| 26 | 10 | 76 | 1400 | | | .3 | | 0.015 | 0.001 | 0.002L | 0.240 | 0.003 | 0.472 | | 274.0 | 14 | |
| 22 | 11 | 76 | 1450 | | | .3 | | 0.038 | 0.002 | 0.006 | 0.320 | 0.002 | 0.578 | 303.0 | 46.0 | | 257 |
| 16 | 12 | 76 | 1040 | | | .3 | | 0.071 | 0.002 | 0.022 | 0.620 | 0.004 | 0.676 | 383.0 | 120.0 | | 263 |
| MAXIMUM | | | | | | | | 0.071 | 0.030 | 0.084 | 0.620 | 0.018 | 0.948 | 383.0 | 274.0 | 268 | 263 |
| AVG OR GEOM MN (*) | | | | | | | | 0.029 | 0.005D | 0.018D | 0.327 | 0.005 | 0.441 | 277.0 | 47.7 | 172 | 246 |
| MINIMUM | | | | | | | | 0.002 | 0.001 | 0.002 | 0.010 | 0.002 | 0.155 | 233.0 | 5.8 | 14 | 228 |
| NO OF SAMPLES | | | | | | | | 15 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 3 | 5 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 0900 | | .3 | | 410 | 5.50 | 6.0 | | | | | | | |
| 15 | 03 | 76 | 1530 | | .3 | | 440 | 18.00 | 15.5 | | | | | | | |
| 26 | 04 | 76 | 1200 | | .3 | | 405 | 13.00 | 10.5 | | | | | | | |
| 11 | 05 | 76 | 1500 | | .3 | | 420 | 3.00 | 8.8 | 22.0 | 2.70 | | | 8.60 | | 0.150 |
| 07 | 06 | 76 | 1530 | | .3 | | 360 | 3.80 | 6.6 | | | | | | | |
| 25 | 06 | 76 | 1126 | | .3 | | 387 | 16.00 | 7.1 | 18.0 | 3.90 | | | 8.43 | | 0.940 |
| 23 | 07 | 76 | 0910 | | .3 | | 360 | 8.70 | 13.0 | 17.5 | 1.15 | | | 8.45 | | 0.530 |
| 27 | 07 | 76 | 1535 | | .3 | | 340 | 7.50 | 4.9 | | | | | | | |
| 24 | 08 | 76 | 1605 | | .3 | | 338 | 5.90 | 48.0 | 17.5 | 0.40 | | | | | 0.410 |
| 09 | 09 | 76 | 1430 | | .3 | | 350 | 26.00 | 6.6 | 18.5 | 3.80 | | | 8.27 | | 6.500 |
| 21 | 09 | 76 | 1500 | | .3 | | 375 | 14.00 | 4.6 | | | | | | | |
| 18 | 10 | 76 | 1140 | | .3 | | 445 | 4.50 | 5.3 | 18.5 | 4.50 | | | 8.15 | | 0.190 |
| 26 | 10 | 76 | 1400 | | .3 | | 400 | 6.00 | 5.1 | | | | | | | |
| 22 | 11 | 76 | 1450 | | .3 | | 395 | 24.00 | 4.6 | 21.0 | 4.60 | | | 8.39 | | 0.920 |
| 16 | 12 | 76 | 1040 | | .3 | | 405 | 52.00 | 5.2 | 23.0 | 5.50 | | | 8.20 | | 2.400 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-----|-------|------|------|------|--|------|--|-------|
| | | | | | | | MAXIMUM | 445 | 52.00 | 48.0 | 23.0 | 5.50 | | 8.60 | | 6.500 |
| | | | | | | | AVG OR GEOM MN (*) | 389 | 13.86 | 10.1 | 19.5 | 3.32 | | 8.36 | | 1.505 |
| | | | | | | | MINIMUM | 338 | 3.00 | 4.6 | 17.5 | 0.40 | | 8.15 | | 0.150 |
| | | | | | | | NO OF SAMPLES | 15 | 15 | 15 | 8 | 8 | | 7 | | 8 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 20 | 01 | 76 | 0900 | | .3 | | | | | | | | | | | |
| 15 | 03 | 76 | 1530 | | .3 | | | | | | | | | | | |
| 26 | 04 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 11 | 05 | 76 | 1500 | | .3 | | 1.0L | | | | | | | 6 | 24 | 0 |
| 07 | 06 | 76 | 1530 | | .3 | | | | | | | | | | | |
| 25 | 06 | 76 | 1126 | | .3 | | 1.0L | | | | | | | 5 | 20 | |
| 23 | 07 | 76 | 0910 | | .3 | | 1.0L | | | | | | | 7 | 16 | |
| 27 | 07 | 76 | 1535 | | .3 | | | | | | | | | | | |
| 24 | 08 | 76 | 1605 | | .3 | | 1.0L | | | | | | | | | |
| 09 | 09 | 76 | 1430 | | .3 | | 1.0L | | | | | | | 4 | 10L | 1 |
| 21 | 09 | 76 | 1500 | | .3 | | | | | | | | | | | |
| 18 | 10 | 76 | 1140 | | .3 | | 1.0 | | | | | | | 3 | 16 | |
| 26 | 10 | 76 | 1400 | | .3 | | | | | | | | | | | |
| 22 | 11 | 76 | 1450 | | .3 | | 1.0L | | | | | | | 11 | 10 | |
| 16 | 12 | 76 | 1040 | | .3 | | 1.0L | | | | | | | 5 | 53 | 0 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|------|--|--|--|--|--|----|-----|---|
| | | | | | | | MAXIMUM | 1.0 | | | | | | 11 | 53 | 1 |
| | | | | | | | AVG OR GEOM MN (*) | 1.0D | | | | | | 6 | 21D | 0 |
| | | | | | | | MINIMUM | 1.0 | | | | | | 3 | 10 | 0 |
| | | | | | | | NO OF SAMPLES | 8 | | | | | | 7 | 7 | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 05 | 76 | 1500 | | .3 | | 0.001L | 0.020L | | 0.020L | 0.010 | 0.010L | 0.010L | 0.020 | | 0.010L |
| 09 | 09 | 76 | 1430 | | .3 | | 0.002 | 0.030L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.020 | | 0.010L |
| 16 | 12 | 76 | 1040 | | .3 | | 0.003 | 0.030 | | 0.020 | 0.030 | 0.010L | 0.005L | 0.040 | | 0.010L |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--------|--------|--|--------|--------|--------|--------|-------|--------|
| | | | | | | | MAXIMUM | 0.003 | 0.030 | | 0.020 | 0.030 | 0.010 | 0.010 | 0.040 | 0.010 |
| | | | | | | | AVG OR GEOM MN (*) | 0.002D | 0.027D | | 0.017D | 0.017D | 0.010D | 0.008D | 0.027 | 0.010D |
| | | | | | | | MINIMUM | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | 0.010 |
| | | | | | | | NO OF SAMPLES | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 |

B.O.W./ SITE: GAGE CREEK
SAMPLE POINT: HIGHWAY 2, 1MILE EAST OF PORT HOPE
STATION TYPE: RIVER FLOW GAUGE MOE 02HD104

STATION ID: 06-0130-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: GAGE CREEK

STORET CODE: 02
004
3230

STN NO 1 LAT LONG U.T.M. 17 0719350.0 4870460.0 4 REGION 03 MILEAGE 0.30

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 0930 | | .3 | | 27038 | 4 | | 400. | 50. | 40. | | 0.5 | 11.9 | 2.2 |
| 16 | 03 | 76 | 0845 | | .3 | | 27103 | 4 | | | | | | 2.0 | 11.6 | 0.8 |
| 26 | 04 | 76 | 1620 | | .3 | | 27189 | 6 | | | | | | 5.0 | 10.8 | 0.8 |
| 07 | 06 | 76 | 1545 | | .3 | | 27278 | 6 | | 500. | 20. | 88. | | 25.5 | 11.9 | 1.0 |
| 27 | 07 | 76 | 1600 | | .3 | | 27369 | 6 | | | | | | 28.4 | 12.0 | 1.5 |
| 25 | 08 | 76 | 0815 | | .3 | | 27427 | 6 | 1.5 | 1300. | 460. | 168. | | 15.2 | 12.0 | 1.0 |
| 21 | 09 | 76 | 1520 | | .3 | | 27492 | 6 | 5.0 | 3900. | 2700. | 412. | | 18.0 | 13.2 | 1.4 |
| 26 | 10 | 76 | 1430 | | .3 | | 27556 | 6 | | 700. | 500. | 160. | | 6.0 | 15.0 | 1.2 |
| 22 | 11 | 76 | 1510 | | .3 | | 27615 | 6 | | 176. | 76. | 44. | | 0.8 | 12.0 | 0.2 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--|--|-----|-------|-------|-------|--|------|-----|
| | | | | | | | MAXIMUM | | | 5.0 | 3900. | 2700. | 412. | | 28.4 | 2.2 |
| | | | | | | | AVG OR GEOM MN (*) | | | 3.3 | 707.* | 190.* | 109.* | | 11.3 | 1.1 |
| | | | | | | | MINIMUM | | | 1.5 | 176. | 20. | 40. | | 0.5 | 0.2 |
| | | | | | | | NO OF SAMPLES | | | 2 | 6 | 6 | 6 | | 9 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 0930 | | | .3 | 0.052 | 0.008 | 0.100 | 0.540 | 0.013 | 1.100 | 410.0 | 27.0 | | |
| 16 | 03 | 76 | 0845 | | | .3 | 0.046 | 0.021 | 0.080 | 0.420 | 0.011 | 1.000 | 331.0 | 7.8 | | |
| 26 | 04 | 76 | 1620 | | | .3 | 0.060 | 0.009 | 0.010 | 0.600 | 0.006 | 0.949 | 365. | 33. | | |
| 07 | 06 | 76 | 1545 | | | .3 | 0.017 | 0.003 | 0.022 | 0.480 | 0.008 | 0.182 | 262. | 7.6 | | |
| 27 | 07 | 76 | 1600 | | | .3 | 0.018 | 0.001 | 0.024 | 0.380 | 0.003 | 0.007 | 236.0 | 18.0 | | |
| 25 | 08 | 76 | 0815 | | | .3 | 0.028 | 0.003 | 0.002 | 0.330 | 0.002 | 0.008 | 266.0 | 12.0 | | |
| 21 | 09 | 76 | 1520 | | | .3 | 0.005 | 0.002 | 0.004 | 0.020 | 0.004 | 0.101 | 263.0 | 6.3 | | |
| 26 | 10 | 76 | 1430 | | | .3 | 0.032 | 0.002 | 0.004 | 0.350 | 0.003 | 0.392 | | 315.0 | 26 | |
| 22 | 11 | 76 | 1510 | | | .3 | 0.014 | 0.003 | 0.002 | 0.250 | 0.002 | 0.580 | 298.0 | 8.3 | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|--------|-------|-------|-------|-------|-------|-------|----|
| | | | | | | | MAXIMUM | 0.060 | 0.021 | 0.100 | 0.600 | 0.013 | 1.100 | 410.0 | 315.0 | 26 |
| | | | | | | | AVG OR GEOM MN (*) | 0.030 | 0.0060 | 0.028 | 0.374 | 0.006 | 0.480 | 303.9 | 48.3 | 26 |
| | | | | | | | MINIMUM | 0.005 | 0.001 | 0.002 | 0.020 | 0.002 | 0.007 | 236.0 | 6.3 | 26 |
| | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 1 | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 0930 | | | .3 | 600 | 22.00 | 28.5 | | | | | | | |
| 16 | 03 | 76 | 0845 | | | .3 | 510 | 6.00 | 18.0 | | | | | | | |
| 26 | 04 | 76 | 1620 | | | .3 | 500 | 16. | 12.5 | | | | | | | |
| 07 | 06 | 76 | 1545 | | | .3 | 397 | 2.3 | 6.6 | | | | | | | |
| 27 | 07 | 76 | 1600 | | | .3 | 335 | 4.50 | 7.0 | | | | | | | |
| 25 | 08 | 76 | 0815 | | | .3 | 390 | 2.50 | 5.0 | | | | | | | |
| 21 | 09 | 76 | 1520 | | | .3 | 395 | 5.20 | 6.4 | | | | | | | |
| 26 | 10 | 76 | 1430 | | | .3 | 465 | 7.00 | 6.0 | | | | | | | |
| 22 | 11 | 76 | 1510 | | | .3 | 490 | 15.00 | 4.7 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-----|-------|------|--|--|--|--|--|--|
| | | | | | | | MAXIMUM | 600 | 22.00 | 28.5 | | | | | | |
| | | | | | | | AVG OR GEOM MN (*) | 454 | 8.94 | 10.5 | | | | | | |
| | | | | | | | MINIMUM | 335 | 2.3 | 4.7 | | | | | | |
| | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | | | | | | |

B.O.W./ SITE: COBOURG BROOK
SAMPLE POINT: KING STREET COUBOURG
STATION TYPE: RIVER FLOW GAUGE MOE 02HD103

STATION ID: 06-0133-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: COBOURG BROOK

STORET CODE: 02
004
3180

| STN NO | 1 | LAT | LONG | U.T.M. 17 0726150.0 4870975.0 4 | REGION 03 | MILEAGE | 0.40 | | | | | | | | | |
|--------------------|-----------|----------|------------|---------------------------------|------------------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | SAMP BRG DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 B.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 01 | 76 | 1000 | | | .3 | 27039 | 6 9 | | 10. | 10. L | 10. L | | 1.0 | 10.8 | 2.0 |
| 16 | 03 | 76 | 0930 | | | .3 | 27104 | 6 9 | | | | | | 2.0 | 10.4 | 3.2 |
| 27 | 04 | 76 | 1200 | | | .3 | 27190 | | | 10. | 1. | 4. | | | | 1.6 |
| 08 | 06 | 76 | 1500 | | | .3 | 27279 | 6 9 | | 10. L | 1. | 1. | | | | 1.2 |
| 28 | 07 | 76 | 1200 | | | .3 | 27370 | 6 | | 48000. | | 1. | | 22.8 | 12.0 | 2.6 |
| 25 | 08 | 76 | 1105 | | | .3 | 27428 | 6 5 | 22.7 | 1700. | 4. | 620. | | 21.5 | 11.6 | 2.2 |
| 22 | 09 | 76 | 1100 | | | .3 | 27493 | 6 | | | | | | 13.5 | 10.6 | 2.4 |
| 27 | 10 | 76 | 0800 | | | .3 | 27557 | 6 | | 1100. | 20. | 230. | | 4.7 | 13.6 | 1.9 |
| 23 | 11 | 76 | 1020 | | | .3 | 27616 | 6 | 30.8 | 40. | 1. | 10. | | 3.4 | 12.3 | 2.0 |
| | | | | | | | | | | 30.8 | 48000. | 20. | 620. | 22.8 | 13.6 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 26.8 | 167.* D | 3.* D | 13.* D | 9.8 | 11.6 | 2.1 |
| MINIMUM | | | | | | | | | | 22.7 | 10. | 1. | 1. | 1.0 | 10.4 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | 2 | 7 | 6 | 7 | 7 | 7 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1000 | | | .3 | 0.130 | 0.100 | 0.140 | 0.720 | 0.007 | 0.780 | 347.0 | 30.0 | | |
| 16 | 03 | 76 | 0930 | | | .3 | 0.510 | 0.340 | 0.064 | 1.500 | 0.013 | 0.632 | 444.0 | 12.0 | | |
| 27 | 04 | 76 | 1200 | | | .3 | 0.153 | 0.130 | 0.038 | 0.520 | 0.005 | 0.405 | 341.0 | 43.0 | | |
| 08 | 06 | 76 | 1500 | | | .3 | 0.300 | 0.190 | 1.460 | 2.500 | 0.009 | 0.181 | 422.0 | 7.1 | | |
| 28 | 07 | 76 | 1200 | | | .3 | 1.660 | 1.400 | 0.022 | 0.860 | 0.002 | 0.008 | 303.0 | 10.0 | | |
| 25 | 08 | 76 | 1105 | | | .3 | 0.960 | 0.740 | 0.440 | 1.360 | 0.350 | 5.100 | 405.0 | 8.5 | | |
| 22 | 09 | 76 | 1100 | | | .3 | 0.260 | 0.220 | 0.016 | 0.760 | 0.003 | 0.202 | 372.0 | 29.0 | | |
| 27 | 10 | 76 | 0800 | | | .3 | 0.295 | 0.230 | 0.028 | 0.980 | 0.002 | 0.273 | 428.0 | 16.0 | | |
| 23 | 11 | 76 | 1020 | | | .3 | 0.375 | 0.250 | 1.190 | 2.350 | 0.002 | 0.408 | 382.0 | 11.0 | | |
| | | | | | | | MAXIMUM | 1.660 | 1.400 | 1.460 | 2.500 | 0.350 | 5.100 | 444.0 | 43.0 | |
| | | | | | | | AVG OR GEOM MN (*) | 0.516 | 0.400 | 0.378 | 1.283 | 0.044 | 0.888 | 382.7 | 18.5 | |
| | | | | | | | MINIMUM | 0.130 | 0.100 | 0.016 | 0.520 | 0.002 | 0.008 | 303.0 | 7.1 | |
| | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |

CONT'D

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1000 | | | .3 | | 520 | 8.30 | 33.0 | | | | | | | |
| 16 | 03 | 76 | 0930 | | | .3 | | 650 | 3.50 | 68.0 | | | | | | | |
| 27 | 04 | 76 | 1200 | | | .3 | | 550 | 6.60 | 25.0 | | | | | | | |
| 08 | 06 | 76 | 1500 | | | .3 | | 670 | 4.40 | 70.0 | | | | | | | |
| 28 | 07 | 76 | 1200 | | | .3 | | 464 | 4.60 | 33.0 | | | | | | | |
| 25 | 08 | 76 | 1105 | | | .3 | | 660 | 4.00 | 73.0 | | | | | | | |
| 22 | 09 | 76 | 1100 | | | .3 | | 580 | 14.00 | 53.0 | | | | | | | |
| 27 | 10 | 76 | 0800 | | | .3 | | 690 | 4.80 | 68.0 | | | | | | | |
| 23 | 11 | 76 | 1020 | | | .3 | | 620 | 6.00 | 115.0 | | | | | | | |

MAXIMUM 690 14.00 115.0
 AVG OR GEOM MN (*) 600 6.24 59.8
 MINIMUM 464 3.50 25.0
 NO OF SAMPLES 9 9 9

B.O.W. / SITE: BROOKSIDE CREEK
 SAMPLE POINT: HIGHWAY 2 1.5 MILES EAST OF BROOKSIDE
 STATION TYPE: RIVER

STATION ID: 06-0139-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: BROOKSIDE CREEK

STORET CODE: 02
 004
 3090

STN NO 2 LAT LONG U.T.M. 17 0734750.0 4873775.0 4 REGION 03 MILEAGE 1.70

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 16 | 03 | 76 | 1000 | | | .3 | | 27105 | 4 | | | | | | 0.5 | 11.0 | 1.8 |
| 27 | 04 | 76 | 1200 | | | .3 | | 27191 | | | 2300. | 300. | 412. | | | | 1.6 |
| 08 | 06 | 76 | 1530 | | | .3 | | 27280 | 6 | | 2300. | 948. | 244. | | | | 0.8 |
| 28 | 07 | 76 | 1230 | | | .3 | | 27371 | 6 | | 900. | | 112. | | 21.5 | 13.0 | 0.2 |
| 25 | 08 | 76 | 1135 | | | .3 | | 27429 | 6 | | 41000E+1 | 408. | 520. | | 17.0 | 12.0 | 0.8 |
| 22 | 09 | 76 | 1120 | | | .3 | | 27494 | 6 | | | | | | 10.8 | 11.2 | 1.2 |
| 27 | 10 | 76 | 0830 | | | .3 | | 27558 | 6 | | 80. | 10. L | 80. | | 1.0 | 15.4 | 1.1 |
| 23 | 11 | 76 | 1050 | | | .3 | | 27617 | 6 | | 70. | 72. | 12. | | 0.5 | 12.2 | 1.0 |

MAXIMUM 41000E+1 948. 520. 21.5 15.4 1.8
 AVG OR GEOM MN (*) 1490.* 153.* D 133.* 8.6 12.5 1.1
 MINIMUM 70. 10. 12. 0.5 11.0 0.2
 NO OF SAMPLES 6 5 6 6 6 8

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 03 | 76 | 1000 | | | .3 | | 0.040 | 0.015 | 0.026 | 0.330 | 0.005 | 0.830 | 365.0 | 8.8 | | |
| 27 | 04 | 76 | 1200 | | | .3 | | 0.018 | 0.010 | 0.020 | 0.360 | 0.004 | 0.481 | 309.0 | 13.0 | | |
| 08 | 06 | 76 | 1530 | | | .3 | | 0.020 | 0.002 | 0.002L | 0.400 | 0.003 | 0.037 | 299.0 | 9.9 | | |
| 28 | 07 | 76 | 1230 | | | .3 | | 0.024 | 0.018 | 0.008 | 0.210 | 0.002 | 0.223 | 253.0 | 6.4 | | |
| 25 | 08 | 76 | 1135 | | | .3 | | 0.029 | 0.004 | 0.060 | 1.070 | 0.005 | 0.125 | 310.0 | 5.6 | | |
| 22 | 09 | 76 | 1120 | | | .3 | | 0.036 | 0.013 | 0.014 | 0.400 | 0.003 | 0.197 | 361.0 | 7.0 | | |
| 27 | 10 | 76 | 0830 | | | .3 | | 0.019 | 0.008 | 0.010 | 0.210 | 0.001 | 0.229 | 358.0 | 2.0 | | |
| 23 | 11 | 76 | 1050 | | | .3 | | 0.031 | 0.006 | 0.008 | 0.250 | 0.001 | 0.339 | 344.0 | 3.9 | | |

MAXIMUM 0.040 0.018 0.060 1.070 0.005 0.830 365.0 13.0
 AVG OR GEOM MN (*) 0.027 0.010 0.019D 0.404 0.003 0.308 324.9 7.1
 MINIMUM 0.018 0.002 0.002 0.210 0.001 0.037 253.0 2.0
 NO OF SAMPLES 8 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 03 | 76 | 1000 | | | .3 | | 550 | 2.50 | 37.5 | | | | | | | |
| 27 | 04 | 76 | 1200 | | | .3 | | 550 | 2.50 | 26.0 | | | | | | | |
| 08 | 06 | 76 | 1530 | | | .3 | | 475 | 3.80 | 26.5 | | | | | | | |
| 28 | 07 | 76 | 1230 | | | .3 | | 380 | 2.70 | 5.0 | | | | | | | |
| 25 | 08 | 76 | 1135 | | | .3 | | 540 | 1.60 | 32.5 | | | | | | | |
| 22 | 09 | 76 | 1120 | | | .3 | | 600 | 3.40 | 44.5 | | | | | | | |
| 27 | 10 | 76 | 0830 | | | .3 | | 600 | 1.40 | 38.0 | | | | | | | |
| 23 | 11 | 76 | 1050 | | | .3 | | 580 | 1.50 | 37.0 | | | | | | | |

MAXIMUM 600 3.80 44.5
 AVG OR GEOM MN (*) 534 2.43 30.9
 MINIMUM 380 1.40 5.0
 NO OF SAMPLES 8 8 8

B.O.W. / SITE: SHELTER VALLEY BROOK
 SAMPLE POINT: AT CONCESSION ROAD SOUTH OF GRAFTON
 STATION TYPE: RIVER FLOW GAUGE FED 02HD010

STATION ID: 06-0142-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SHELTER VALLEY BROOK

STORET CODE: 02
 004
 3060

| STN NO | 1 | LAT | LONG | U.T.M. 17 0740100.0 4873350.0 4 | REGION 03 | MILEAGE | 1.00 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 20 01 76 1040 | | | .3 | | 27040 | 4 | 14.50 | 150. | 10. | 30. | | 0.5 | 11.8 | 1.6 |
| 16 03 76 1020 | | | .3 | | 27106 | 4 | 38.00 | | | | | 0.4 | 11.2 | 0.8 |
| 27 04 76 1200 | | | .3 | | 27192 | | 51.70 | 900. | 116. | 84. | | | | 0.6 |
| 08 06 76 1545 | | | .3 | | 27281 | 6 | 19.30 | 1100. | 160. | 100. | | | | 0.8 |
| 28 07 76 1300 | | | .3 | | 27372 | | 15.80 | 20. | | 140. | | | | 0.4 |
| 25 08 76 1150 | | | .3 | | 27430 | 6 | 14.10 | 14000. | 4. | 184. | | 18.0 | 11.9 | 0.8 |
| 22 09 76 1140 | | | .3 | | 27495 | 6 | 20.50 | | | | | 10.5 | 11.3 | 1.2 |
| 27 10 76 0850 | | | .3 | | 27559 | 6 | 17.80 | 60. | 12. | 12. | | 1.0 | 15.8 | 0.2 |
| 23 11 76 1115 | | | .3 | | 27618 | 6 | 13.70 | 70. | 48. | 18. | | 1.0 | 13.4 | 1.2 |
| MAXIMUM | | | | | | | 51.70 | 14000. | 160. | 184. | | 18.0 | 15.8 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | 22.82 | 290.* | 27.* | 54.* | | 5.2 | 12.6 | 0.8 |
| MINIMUM | | | | | | | 13.70 | 20. | 4. | 12. | | 0.4 | 11.2 | 0.2 |
| NO OF SAMPLES | | | | | | | 9 | 7 | 6 | 7 | | 6 | 6 | 9 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 20 01 76 1040 | | | .3 | | 0.047 | 0.005 | 0.020 | 0.370 | 0.005 | 0.810 | 308.0 | 33.0 | | |
| 16 03 76 1020 | | | .3 | | 0.022 | 0.011 | 0.016 | 0.210 | 0.005 | 0.675 | 282.0 | 11.0 | | |
| 27 04 76 1200 | | | .3 | | 0.024 | 0.005 | 0.010 | 0.260 | 0.004 | 0.301 | 278.0 | 15.0 | | |
| 08 06 76 1545 | | | .3 | | 0.034 | 0.002 | 0.002L | 0.400 | 0.004 | 0.296 | 263.0 | 13.0 | | |
| 28 07 76 1300 | | | .3 | | 0.023 | 0.017 | 0.006 | 0.290 | 0.003 | 0.102 | 327.0 | 4.5 | | |
| 25 08 76 1150 | | | .3 | | 0.011 | 0.002 | 0.002L | 0.160 | 0.002 | 0.218 | 262.0 | 7.5 | | |
| 22 09 76 1140 | | | .3 | | 0.017 | 0.002 | 0.002 | 0.200 | 0.002 | 0.288 | 259.0 | 15.0 | | |
| 27 10 76 0850 | | | .3 | | 0.006 | 0.004 | 0.004 | 0.180 | 0.002 | 0.428 | 252.0 | 2.6 | | |
| 23 11 76 1115 | | | .3 | | 0.009 | 0.003 | 0.004 | 0.210 | 0.001 | 0.569 | 266.0 | 3.2 | | |
| MAXIMUM | | | | | 0.047 | 0.017 | 0.020 | 0.400 | 0.005 | 0.810 | 327.0 | 33.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.021 | 0.006 | 0.007D | 0.253 | 0.003 | 0.410 | 277.4 | 11.6 | | |
| MINIMUM | | | | | 0.006 | 0.002 | 0.002 | 0.160 | 0.001 | 0.102 | 252.0 | 2.6 | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 20 01 76 1040 | | | .3 | | 430 | 15.00 | 5.6 | | | | | | | |
| 16 03 76 1020 | | | .3 | | 440 | 2.20 | 8.5 | | | | | | | |
| 27 04 76 1200 | | | .3 | | 405 | 2.70 | 6.0 | | | | | | | |
| 08 06 76 1545 | | | .3 | | 387 | 6.60 | 5.1 | | | | | | | |
| 28 07 76 1300 | | | .3 | | 540 | 2.40 | 34.5 | | | | | | | |
| 25 08 76 1150 | | | .3 | | 390 | 2.30 | 5.0 | | | | | | | |
| 22 09 76 1140 | | | .3 | | 420 | 4.40 | 5.4 | | | | | | | |
| 27 10 76 0850 | | | .3 | | 440 | 1.50 | 5.7 | | | | | | | |
| 23 11 76 1115 | | | .3 | | 430 | 1.40 | 5.3 | | | | | | | |
| MAXIMUM | | | | | 540 | 15.00 | 34.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 431 | 4.28 | 9.0 | | | | | | | |
| MINIMUM | | | | | 387 | 1.40 | 5.0 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: COLBORNE CREEK
 SAMPLE POINT: AT BRIDGE IN LAKEPORT
 STATION TYPE: RIVER FLOW GAUGE MOE 02HD102

STATION ID: 06-0146-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: COLBORNE CREEK

STORET CODE: 02
 004
 2990

| STN NO | 1 | LAT | LONG | U.T.M. 18 0267350.0 4874350.0 4 | | | | | | | REGION 03 | MILEAGE | 0.40 | |
|--------------------|------|-----|-------|---------------------------------|-----------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 20 01 76 1100 | | | .3 | | 27041 | 4 | | 29000. | 4200. | 180. | | 0.0 | 11.5 | 1.0 |
| 16 03 76 1045 | | | .3 | | 27107 | 4 | | | | | | 0.2 | 10.2 | 0.6 |
| 27 04 76 1200 | | | .3 | | 27193 | | | 1000. | 212. | 48. | | | | 1.2 |
| 08 06 76 1505 | | | .3 | | 27282 | 6 | | 2800. | 1960. | 128. | | | | 1.4 |
| 28 07 76 1420 | | | .3 | | 27373 | 6 | 6.8 | 11000. | | 168. | | 23.4 | 15.0 | 1.0 |
| 25 08 76 1245 | | | .3 | | 27431 | 6 | 10.8 | 1400. | 284. | 264. | | 19.0 | 13.2 | 2.2 |
| 22 09 76 1335 | | | .3 | | 27496 | 6 | | | | | | 11.0 | 14.6 | 1.6 |
| 27 10 76 0915 | | | .3 | | 27560 | 6 | | 830. | 70. | 20. | | 1.0 | 15.6 | 0.6 |
| 23 11 76 1150 | | | .3 | | 27619 | 6 | | 130. | 40. | 12. | | 1.8 | 14.3 | 1.6 |
| MAXIMUM | | | | | | | 10.8 | 29000. | 4200. | 264. | | 23.4 | 15.6 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | 8.8 | 2015.* | 334.* | 74.* | | 8.1 | 13.5 | 1.2 |
| MINIMUM | | | | | | | 6.8 | 130. | 40. | 12. | | 0.0 | 10.2 | 0.6 |
| NO OF SAMPLES | | | | | | | 2 | 7 | 6 | 7 | | 7 | 7 | 9 |

CONT'D

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|---------------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1100 | | .3 | | 0.110 | 0.081 | 0.320 | 0.660 | 0.008 | 0.940 | 300.0 | 11.0 | | |
| 16 | 03 | 76 | 1045 | | .3 | | 0.082 | 0.051 | 0.204 | 0.550 | 0.007 | 0.688 | 332.0 | 8.6 | | |
| 27 | 04 | 76 | 1200 | | .3 | | 0.037 | 0.015 | 0.022 | 0.380 | 0.006 | 0.354 | 304.0 | 9.0 | | |
| 08 | 06 | 76 | 1505 | | .3 | | 0.065 | 0.025 | 0.034 | 0.490 | 0.013 | 0.437 | 291.0 | 14.0 | | |
| 28 | 07 | 76 | 1420 | | .3 | | 0.033 | 0.007 | 0.022 | 0.440 | 0.009 | 0.431 | 263.0 | 8.6 | | |
| 25 | 08 | 76 | 1245 | | .3 | | 0.049 | 0.015 | 0.012 | 0.230 | 0.005 | 0.460 | 260.0 | 14.0 | | |
| 22 | 09 | 76 | 1335 | | .3 | | 0.194 | 0.039 | 0.036 | 0.560 | 0.005 | 0.385 | 403.0 | 107.0 | | |
| 27 | 10 | 76 | 0915 | | .3 | | 0.037 | 0.016 | 0.006 | 0.300 | 0.004 | 0.566 | 305.0 | 13.0 | | |
| 23 | 11 | 76 | 1150 | | .3 | | 0.037 | 0.012 | 0.002 | 0.330 | 0.002 | 0.718 | 286.0 | 5.6 | | |

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|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| MAXIMUM | | | | | | | 0.194 | 0.081 | 0.320 | 0.660 | 0.013 | 0.940 | 403.0 | 107.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.072 | 0.029 | 0.073 | 0.438 | 0.007 | 0.553 | 304.9 | 21.2 | | |
| MINIMUM | | | | | | | 0.033 | 0.007 | 0.002 | 0.230 | 0.002 | 0.354 | 260.0 | 5.6 | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|---------------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1100 | | .3 | | 490 | 5.00 | 19.0 | | | | | | | |
| 16 | 03 | 76 | 1045 | | .3 | | 510 | 2.90 | 31.0 | | | | | | | |
| 27 | 04 | 76 | 1200 | | .3 | | 500 | 3.10 | 27.0 | | | | | | | |
| 08 | 06 | 76 | 1505 | | .3 | | 430 | 6.30 | 17.5 | | | | | | | |
| 28 | 07 | 76 | 1420 | | .3 | | 390 | 3.20 | 14.0 | | | | | | | |
| 25 | 08 | 76 | 1245 | | .3 | | 415 | 5.20 | 12.0 | | | | | | | |
| 22 | 09 | 76 | 1335 | | .3 | | 490 | 26.00 | 20.5 | | | | | | | |
| 27 | 10 | 76 | 0915 | | .3 | | 500 | 3.40 | 19.5 | | | | | | | |
| 23 | 11 | 76 | 1150 | | .3 | | 465 | 3.40 | 17.5 | | | | | | | |

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|--------------------|--|--|--|--|--|--|-----|-------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | 510 | 26.00 | 31.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 466 | 6.50 | 19.8 | | | | | | | |
| MINIMUM | | | | | | | 390 | 2.90 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: SALEM CREEK
SAMPLE POINT: FIRST ROAD UPSTREAM FROM LAKE ONTARIO
STATION TYPE: RIVER FLOW GAUGE MOE 02HD101

STATION ID: 06-0148-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALEM CREEK

STORET CODE: 02
004
2950

STN NO 1 LAT LONG U.T.M. 18 0272500.0 4876060.0 4 REGION 03 MILEAGE 0.40

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|---------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 1130 | | .3 | | 27042 | 4 | | 100. | 10. | 10. L | | 0.8 | 11.2 | 1.4 |
| 16 | 03 | 76 | 1115 | | .3 | | 27108 | 6 | | | | | | 1.0 | 11.4 | 0.2 |
| 27 | 04 | 76 | 1200 | | .3 | | 27194 | | | 100. | 1. | 32. | | | | 0.6 |
| 08 | 06 | 76 | 1630 | | .3 | | 27283 | 6 9 | | 400. | 100. | 56. | | | | 1.2 |
| 28 | 07 | 76 | 1445 | | .3 | | 27374 | 6 | 6.0 | 1000. | | 88. | | 24.0 | 15.8 | 0.4 |
| 25 | 08 | 76 | 1308 | | .3 | | 27432 | 6 | 4.8 | 1000. | 100. | 124. | | 21.0 | 11.6 | 1.0 |
| 22 | 09 | 76 | 1400 | | .3 | | 27497 | 6 | | | | | | 12.0 | 13.2 | 0.8 |
| 27 | 10 | 76 | 0955 | | .3 | | 27561 | 6 | | 140. | 12. | 44. | | 2.0 | 14.2 | 1.0 |
| 23 | 11 | 76 | 1215 | | .3 | | 27620 | 6 | | 120. | 52. | 214. | | 2.5 | 11.4 | 1.4 |

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|--------------------|--|--|--|--|--|--|--|--|-----|-------|------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | 6.0 | 1000. | 100. | 214. | | 24.0 | 15.8 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 5.4 | 253.* | 20.* | 57.* D | | 9.0 | 12.7 | 0.9 |
| MINIMUM | | | | | | | | | 4.8 | 100. | 1. | 10. | | 0.8 | 11.2 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 2 | 7 | 6 | 7 | | 7 | 7 | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|---------------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1130 | | .3 | | 0.017 | 0.005 | 0.050 | 0.250 | 0.009 | 1.200 | 279.0 | 3.0 | | |
| 16 | 03 | 76 | 1115 | | .3 | | 0.009 | 0.006 | 0.012 | 0.180 | 0.006 | 0.944 | 269.0 | 1.4 | | |
| 27 | 04 | 76 | 1200 | | .3 | | 0.008 | 0.004 | 0.008 | 0.250 | 0.005 | 0.465 | 248.0 | 3.8 | | |
| 08 | 06 | 76 | 1630 | | .3 | | 0.037 | 0.002 | 0.012 | 0.440 | 0.008 | 0.552 | 294.0 | 13.0 | | |
| 28 | 07 | 76 | 1445 | | .3 | | 0.024 | 0.005 | 0.014 | 0.350 | 0.003 | 0.587 | 274.0 | 6.3 | | |
| 25 | 08 | 76 | 1308 | | .3 | | 0.047 | 0.006 | 0.004 | 0.290 | 0.003 | 0.557 | 284.0 | 21.0 | | |
| 22 | 09 | 76 | 1400 | | .3 | | 0.025 | 0.004 | 0.002L | 0.270 | 0.005 | 0.565 | 295.0 | 14.0 | | |
| 27 | 10 | 76 | 0955 | | .3 | | 0.006 | 0.003 | 0.004 | 0.180 | 0.004 | 0.886 | 283.0 | 3.4 | | |
| 23 | 11 | 76 | 1215 | | .3 | | 0.014 | 0.002 | 0.002 | 0.240 | 0.002 | 1.060 | 282.0 | 5.7 | | |

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|--------------------|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | 0.047 | 0.006 | 0.050 | 0.440 | 0.009 | 1.200 | 295.0 | 21.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.021 | 0.004 | 0.012D | 0.272 | 0.005 | 0.757 | 278.7 | 8.0 | | |
| MINIMUM | | | | | | | 0.006 | 0.002 | 0.002 | 0.180 | 0.002 | 0.465 | 248.0 | 1.4 | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1130 | | | | .3 | 465 | 2.10 | 15.5 | | | | | | | |
| 16 | 03 | 76 | 1115 | | | | .3 | 410 | 1.00 | 14.5 | | | | | | | |
| 27 | 04 | 76 | 1200 | | | | .3 | 420 | 2.00 | 12.5 | | | | | | | |
| 08 | 06 | 76 | 1630 | | | | .3 | 430 | 4.20 | 18.5 | | | | | | | |
| 28 | 07 | 76 | 1445 | | | | .3 | 435 | 3.40 | 18.0 | | | | | | | |
| 25 | 08 | 76 | 1308 | | | | .3 | 435 | 3.40 | 17.5 | | | | | | | |
| 22 | 09 | 76 | 1400 | | | | .3 | 460 | 2.20 | 18.0 | | | | | | | |
| 27 | 10 | 76 | 0955 | | | | .3 | 470 | 1.20 | 17.0 | | | | | | | |
| 23 | 11 | 76 | 1215 | | | | .3 | 460 | 1.60 | 17.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 470 | 4.20 | 18.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 443 | 2.34 | 16.6 | | | | | | | |
| MINIMUM | | | | | | | | 410 | 1.00 | 12.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: PROCTORS CREEK
SAMPLE POINT: ROAD TO HIGHWAY 33, BRIGHTON
STATION TYPE: RIVER FLOW GAUGE MOE 02HD100

STATION ID: 06-0151-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: PROCTORS CREEK

STORET CODE: 02
004
2820

STN NO 1 LAT LONG U.T.M. 18 0281675.0 4878350.0 4 REGION 03 MILEAGE 0.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 1248 | | | | .3 | 27043 | 4 | | 1600. | 360. | 10. | | 0.0 | 11.7 | 1.0 |
| 16 | 03 | 76 | 1145 | | | | .3 | 27109 | 4 | | | | | | 0.5 | 10.4 | 0.8 |
| 27 | 04 | 76 | 1200 | | | | .3 | 27195 | | | 5900. | 384. | 152. | | | | 1.0 |
| 08 | 06 | 76 | 1645 | | | | .3 | 27284 | 6 | | 290. | 48. | 40. | | | | 0.8 |
| 28 | 07 | 76 | 1610 | | | | .3 | 27375 | 6 | | 6000. | | 600. G | | 24.2 | 16.2 | 0.6 |
| 25 | 08 | 76 | 1445 | | | | .3 | 27433 | 6 8 9 | | 1800. | 60. | 520. | | 18.9 | 15.8 | 0.8 |
| 22 | 09 | 76 | 1500 | | | | .3 | 27498 | 6 8 | | | | | | 11.5 | 13.4 | 0.6 |
| 27 | 10 | 76 | 1030 | | | | .3 | 27562 | 6 | | 300. | 10. L | 50. | | 2.0 | 16.8 | 1.2 |
| 23 | 11 | 76 | 1308 | | | | .3 | 27621 | 6 | | 400. | 84. | 100. | | 1.2 | 13.2 | 1.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 6000. | 384. | 600. | | 24.2 | 16.8 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1199.* | 83.* D | 99.* U | | 8.3 | 13.9 | 0.9 |
| MINIMUM | | | | | | | | | | | 290. | 10. | 10. | | 0.0 | 10.4 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 6 | 7 | | 7 | 7 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1248 | | | | .3 | 0.056 | 0.012 | 0.060 | 0.450 | 0.006 | 1.300 | 369.0 | 14.0 | | |
| 16 | 03 | 76 | 1145 | | | | .3 | 0.060 | 0.014 | 0.048 | 0.400 | 0.006 | 1.120 | 417.0 | 36.0 | | |
| 27 | 04 | 76 | 1200 | | | | .3 | 0.029 | 0.010 | 0.016 | 0.350 | 0.004 | 0.551 | 343.0 | 15.0 | | |
| 08 | 06 | 76 | 1645 | | | | .3 | 0.019 | 0.002 | 0.004 | 0.370 | 0.009 | 0.739 | 334.0 | 4.1 | | |
| 28 | 07 | 76 | 1610 | | | | .3 | 0.100 | 0.004 | 0.008 | 0.540 | 0.007 | 0.803 | 340.0 | 44.0 | | |
| 25 | 08 | 76 | 1445 | | | | .3 | 0.020 | 0.003 | 0.004 | 0.210 | 0.004 | 0.736 | 288.0 | 5.0 | | |
| 22 | 09 | 76 | 1500 | | | | .3 | 0.030 | 0.007 | 0.006 | 0.250 | 0.004 | 0.766 | 370.0 | 29.0 | | |
| 27 | 10 | 76 | 1030 | | | | .3 | 0.017 | 0.005 | 0.006 | 0.240 | 0.004 | 0.916 | 287.0 | 13.0 | | |
| 23 | 11 | 76 | 1308 | | | | .3 | 0.012 | 0.004 | 0.004 | 0.250 | 0.002 | 1.120 | 344.0 | 5.9 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.100 | 0.014 | 0.060 | 0.540 | 0.009 | 1.300 | 417.0 | 44.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.038 | 0.007 | 0.017 | 0.340 | 0.005 | 0.895 | 343.6 | 18.4 | | |
| MINIMUM | | | | | | | | 0.012 | 0.002 | 0.004 | 0.210 | 0.002 | 0.551 | 287.0 | 4.1 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1248 | | | | .3 | 580 | 6.00 | 41.0 | | | | | | | |
| 16 | 03 | 76 | 1145 | | | | .3 | 590 | 5.20 | 50.0 | | | | | | | |
| 27 | 04 | 76 | 1200 | | | | .3 | 550 | 4.10 | 36.0 | | | | | | | |
| 08 | 06 | 76 | 1645 | | | | .3 | 520 | 3.10 | 42.0 | | | | | | | |
| 28 | 07 | 76 | 1610 | | | | .3 | 475 | 2.1 | 36.5 | | | | | | | |
| 25 | 08 | 76 | 1445 | | | | .3 | 470 | 2.20 | 30.5 | | | | | | | |
| 22 | 09 | 76 | 1500 | | | | .3 | 570 | 6.00 | 47.0 | | | | | | | |
| 27 | 10 | 76 | 1030 | | | | .3 | 630 | 2.50 | 51.0 | | | | | | | |
| 23 | 11 | 76 | 1308 | | | | .3 | 580 | 2.00 | 48.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 630 | 6.00 | 51.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 552 | 3.69 | 42.5 | | | | | | | |
| MINIMUM | | | | | | | | 470 | 2.00 | 30.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: SMITHFIELD CREEK
 SAMPLE POINT: COUNTY ROAD 64 NEAR LOVETT
 STATION TYPE: RIVER FLOW GAUGE MOE 02HD109

STATION ID: 06-0152-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SMITHFIELD CREEK

STORET CODE: 02
 004
 2760

| STN NO | 1 | LAT | LONG | U.T.M. 18 0285960.0 4879640.0 4 | | | | REGION 03 | | MILEAGE | 0.20 | | | | | |
|---------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|-----------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 01 | 76 | 1310 | | .3 | | 27044 | 4 | | 1100. | 60. | 10. | | 0.0 | 10.8 | 1.2 |
| 16 | 03 | 76 | 1208 | | .3 | | 27110 | 4 | | | | | | 0.0 | 10.6 | 0.6 |
| 27 | 04 | 76 | 1200 | | .3 | | 27196 | | | 600. | 8. | 116. | | | | 1.2 |
| 08 | 06 | 76 | 1700 | | .3 | | 27285 | 6 | | 600. | 116. | 64. | | | | 1.4 |
| 28 | 07 | 76 | 1630 | | .3 | | 27376 | 6 | | 410. | | 84. | | 25.0 | 14.9 | 0.6 |
| 25 | 08 | 76 | 1505 | | .3 | | 27434 | 6 | | 1100. | 64. | 1. | | 21.5 | 12.0 | 0.8 |
| 22 | 09 | 76 | 1515 | | .3 | | 27499 | 6 | | | | | | 12.0 | 15.0 | 1.0 |
| 27 | 10 | 76 | 1100 | | .3 | | 27563 | 6 | | 100. | 20. | 10. L | | 1.0 | 11.4 | 2.5 |
| 23 | 11 | 76 | 1235 | | .3 | | 27622 | 6 | | 170. | 16. | 8. | | 1.5 | 13.9 | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 20 | 01 | 76 | 1310 | | .3 | | 0.043 | 0.007 | 0.070 | 0.440 | 0.008 | 0.990 | 327.0 | 20.0 | | |
| 16 | 03 | 76 | 1208 | | .3 | | 0.025 | 0.009 | 0.030 | 0.300 | 0.009 | 1.010 | 318.0 | 11.0 | | |
| 27 | 04 | 76 | 1200 | | .3 | | 0.016 | 0.003 | 0.010 | 0.350 | 0.004 | 0.316 | 277.0 | 4.6 | | |
| 08 | 06 | 76 | 1700 | | .3 | | 0.046 | 0.005 | 0.056 | 0.740 | 0.013 | 0.297 | 314.0 | 12.0 | | |
| 28 | 07 | 76 | 1630 | | .3 | | 0.035 | 0.008 | 0.008 | 0.380 | 0.007 | 0.148 | 297.0 | 5.7 | | |
| 25 | 08 | 76 | 1505 | | .3 | | 0.024 | 0.006 | 0.014 | 0.200 | 0.004 | 0.111 | 285.0 | 7.0 | | |
| 22 | 09 | 76 | 1515 | | .3 | | 0.028 | 0.002 | 0.008 | 0.390 | 0.004 | 0.271 | 314.0 | 9.5 | | |
| 27 | 10 | 76 | 1100 | | .3 | | 0.016 | 0.003 | 0.014 | 0.290 | 0.003 | 0.477 | 319.0 | 3.9 | | |
| 23 | 11 | 76 | 1235 | | .3 | | 0.016 | 0.002 | 0.012 | 0.270 | 0.002 | 0.708 | 308.0 | 5.4 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 20 | 01 | 76 | 1310 | | .3 | | 520 | 7.00 | 27.5 | | | | | | | |
| 16 | 03 | 76 | 1208 | | .3 | | 500 | 2.20 | 27.5 | | | | | | | |
| 27 | 04 | 76 | 1200 | | .3 | | 455 | 2.10 | 22.0 | | | | | | | |
| 08 | 06 | 76 | 1700 | | .3 | | 470 | 5.60 | 25.5 | | | | | | | |
| 28 | 07 | 76 | 1630 | | .3 | | 460 | 3.90 | 27.5 | | | | | | | |
| 25 | 08 | 76 | 1505 | | .3 | | 460 | 2.90 | 29.5 | | | | | | | |
| 22 | 09 | 76 | 1515 | | .3 | | 500 | 3.40 | 32.5 | | | | | | | |
| 27 | 10 | 76 | 1100 | | .3 | | 540 | 2.50 | 33.0 | | | | | | | |
| 23 | 11 | 76 | 1235 | | .3 | | 510 | 2.60 | 31.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

STATION ID: 06-0157-001-02

B.O.W./ SITE: CONSECON CREEK
 SAMPLE POINT: AT MILL DAM CONSECON
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: CONSECON CREEK

STORET CODE: 02
 004
 2640

| STN NO | 1 | LAT | LONG | U.T.M. 18 0297750.0 4874150.0 4 | | | | REGION 04 | | MILEAGE | 0.20 | | | | | |
|---------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|-----------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 | 01 | 76 | 1130 | | .3 | | 18805 | 6 | | 30. | 10. | 10. L | | 10.0 | 9.0 | 1.2 |
| 24 | 02 | 76 | 1130 | | .3 | | 18813 | 3 | | | | | | 3.0 | 2.0 | 1.4 |
| 23 | 03 | 76 | 1130 | | .3 | | 18821 | 6 | | | | | | 5.0 | 5.0 | 1.2 |
| 27 | 04 | 76 | 1115 | | .3 | | 18829 | 6 | | | | | | 8.0 | 5.0 | 1.0 |
| 25 | 05 | 76 | 1100 | | .3 | | 18837 | 8 6 | | 10. | 1. | 1. | | 15.0 | 8.0 | 1.4 |
| 29 | 06 | 76 | 1110 | | .3 | | 18845 | | | 70. | 20. | 32. | | | | 2.2 |
| 27 | 07 | 76 | 1100 | | .3 | | 18853 | 8 6 | | 110. | 1. | 16. | | 24.0 | 9.0 | 1.0 |
| 30 | 08 | 76 | 1050 | | .3 | | 18861 | | | 100. | 1. | 1. | | | | 1.0 |
| 26 | 10 | 76 | 1030 | | .3 | | 18877 | 6 | | 10. | 1. | 2. | | 6.0 | 11.0 | 1.8 |
| 30 | 11 | 76 | 1050 | | .3 | | 18885 | | | 120. | 2. L | 2. L | | | | 0.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1130 | | | .3 | | 0.011 | 0.002 | 0.040 | 0.650 | 0.004 | 0.070 | 274.0 | 1.0L | | 273 |
| 24 | 02 | 76 | 1130 | | | .3 | | 0.129 | 0.080 | 0.056 | 0.640 | 0.011 | 0.399 | 217.0 | 2.5 | | 215 |
| 23 | 03 | 76 | 1130 | | | .3 | | 0.280 | 0.250 | 0.026 | 0.530 | 0.008 | 0.277 | 199.0 | 4.0 | | 195 |
| 27 | 04 | 76 | 1115 | | | .3 | | 0.022 | 0.003 | 0.002L | 0.550 | 0.005 | 0.105 | | 2.3 | | 224 |
| 25 | 05 | 76 | 1100 | | | .3 | | 0.013 | 0.001 | 0.022 | 0.440 | 0.002 | 0.005L | 197.0 | 2.3 | | |
| 29 | 06 | 76 | 1110 | | | .3 | | 0.038 | 0.003 | 0.008 | 0.970 | 0.001 | 0.005L | | | | |
| 27 | 07 | 76 | 1100 | | | .3 | | 0.021 | 0.003 | 0.010 | 0.860 | 0.002 | 0.005L | 156.0 | 3.2 | | |
| 30 | 08 | 76 | 1050 | | | .3 | | 0.023 | 0.004 | 0.002L | 0.720 | 0.001 | 0.005L | 157.0 | 4.4 | | |
| 26 | 10 | 76 | 1030 | | | .3 | | 0.020 | 0.002 | 0.002L | 0.780 | 0.003 | 0.005L | 199.0 | 1.2 | | |
| 30 | 11 | 76 | 1050 | | | .3 | | 0.014 | 0.004 | 0.004 | 0.670 | 0.001 | 0.005L | 211.0 | 3.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 0.280 | 0.250 | 0.056 | 0.970 | 0.011 | 0.399 | 274.0 | 4.4 | | 273 |
| AVG OR GEOM MN (*) | | | | | | | | 0.057 | 0.035 | 0.0170 | 0.681 | 0.004 | 0.0880 | 201.3 | 2.70 | | 227 |
| MINIMUM | | | | | | | | 0.011 | 0.001 | 0.002 | 0.440 | 0.001 | 0.005 | 156.0 | 1.0 | | 195 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 9 | | 4 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1130 | | | .3 | | 365 | 0.85 | 5.9 | | | | | | | |
| 24 | 02 | 76 | 1130 | | | .3 | | 330 | 1.60 | 5.3 | | | | | | | |
| 23 | 03 | 76 | 1130 | | | .3 | | 300 | 1.60 | 47.0 | | | | | | | |
| 27 | 04 | 76 | 1115 | | | .3 | | 345 | 1.80 | 4.0 | | | | | | | |
| 25 | 05 | 76 | 1100 | | | .3 | | 300 | 1.30 | 4.4 | | | | | | | |
| 29 | 06 | 76 | 1110 | | | .3 | | 255 | 2.30 | 4.6 | | | | | | | |
| 27 | 07 | 76 | 1100 | | | .3 | | 235 | 1.40 | 4.6 | | | | | | | |
| 30 | 08 | 76 | 1050 | | | .3 | | 235 | 1.30 | 5.1 | | | | | | | |
| 26 | 10 | 76 | 1030 | | | .3 | | 305 | 2.00 | 11.0 | | | | | | | |
| 30 | 11 | 76 | 1050 | | | .3 | | 320 | 1.00 | 6.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 365 | 2.30 | 47.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 299 | 1.52 | 9.8 | | | | | | | |
| MINIMUM | | | | | | | | 235 | 0.85 | 4.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 29 | 01 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 24 | 02 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 27 | 07 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 30 | 08 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 30 | 11 | 76 | 1050 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | | | | | | | | | |

B.O.W. / SITE: CONSECON CREEK
SAMPLE POINT: AT COUNTY ROAD 2 ALLISONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HE002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STATION ID: 06-0157-002-02

STORET CODE: 02
004
2640

| STN NO | 2 | LAT | LONG | U.T.M. 18 0310300.0 4877450.0 4 | REGION 04 | MILEAGE | 8.70 | | | | | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|--------------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 | 01 | 76 | 1100 | | | .3 | | 18804 | 4 | 32.00 | 90. | 10. | L | 20. | 11.0 | 2.0 | 1.4 |
| 24 | 02 | 76 | 1105 | | | .3 | | 18812 | 3 | 345.00 | | | | | 2.8 | 2.0 | 0.8 |
| 23 | 03 | 76 | 1100 | | | .3 | | 18820 | 6 | 535.00 | | | | | 4.0 | 5.0 | 0.4 |
| 27 | 04 | 76 | 1045 | | | .3 | | 18828 | 6 | 143.00 | | | | | 7.0 | 5.0 | 0.6 |
| 25 | 05 | 76 | 1030 | | | .3 | | 18836 | 8 6 | 64.20 | 100. | 100. | | 8. | 13.0 | 4.0 | 0.6 |
| 29 | 06 | 76 | 1035 | | | .3 | | 18844 | | 14.60 | 40. | 10. | L | 132. | | | 0.8 |
| 27 | 07 | 76 | 1035 | | | .3 | | 18852 | 8 6 | 1.20 | 60. | 1. | | 8. | 22.0 | 8.0 | 1.0 |
| 30 | 08 | 76 | 1030 | | | .3 | | 18860 | | 0.18 | 300. | 8. | | 40. | | | 2.0 |
| 26 | 10 | 76 | 1010 | | | .3 | | 18876 | 6 | 8.60 | 160. | 10. | | 40. | 5.5 | 7.0 | 1.4 |
| 30 | 11 | 76 | 1015 | | | .3 | | 18884 | | 16.70 | 120. | 20. | | 24. | | | 1.8 |
| MAXIMUM | | | | | | | | | | 535.00 | 300. | 100. | | 132. | 22.0 | 8.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 116.05 | 103.* | 11.* | D | 25.* | 9.3 | 4.7 | 1.1 |
| MINIMUM | | | | | | | | | | 0.18 | 40. | 1. | | 8. | 2.8 | 2.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 10 | 7 | 7 | 7 | | 7 | 7 | 10 |

CONT'D

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 29 | 01 | 76 | 1100 | | | .3 | 0.086 | 0.041 | 0.090 | 1.000 | 0.018 | 0.160 | 331.0 | 1.4 | | |
| 24 | 02 | 76 | 1105 | | | .3 | 0.028 | 0.009 | 0.034 | 0.690 | 0.017 | 0.588 | 224.0 | 3.0 | | 221 |
| 23 | 03 | 76 | 1100 | | | .3 | 0.030 | 0.010 | 0.004 | 0.450 | 0.008 | 0.312 | 167.0 | 3.9 | | 163 |
| 27 | 04 | 76 | 1045 | | | .3 | 0.670 | 0.660 | 0.002L | 0.860 | 0.005 | 0.005L | | 1.7 | | 195 |
| 25 | 05 | 76 | 1030 | | | .3 | 0.015 | 0.001 | 0.008 | 0.840 | 0.004 | 0.005L | 251.0 | 3.6 | | |
| 29 | 06 | 76 | 1035 | | | .3 | 0.049 | 0.016 | 0.019 | 1.330 | 0.004 | 0.005L | 242.0 | 4.5 | | |
| 27 | 07 | 76 | 1035 | | | .3 | 0.042 | 0.015 | 0.016 | 1.460 | 0.004 | 0.005L | 258.0 | 4.3 | | |
| 30 | 08 | 76 | 1030 | | | .3 | 0.056 | 0.004 | | 1.640 | 0.004 | 0.005L | 251.0 | 3.8 | | |
| 26 | 10 | 76 | 1010 | | | .3 | 0.028 | 0.005 | 0.008 | 0.800 | 0.005 | 0.015 | 302.0 | 1.3 | | |
| 30 | 11 | 76 | 1015 | | | .3 | 0.028 | 0.006 | | 0.880 | 0.003 | 0.005L | 295.0 | 2.3 | | |
| MAXIMUM | | | | | | | 0.670 | 0.660 | 0.090 | 1.640 | 0.018 | 0.588 | 331.0 | 4.5 | | 221 |
| AVG OR GEOM MN (*) | | | | | | | 0.103 | 0.077 | 0.023D | 0.995 | 0.007 | 0.111D | 257.9 | 3.0 | | 193 |
| MINIMUM | | | | | | | 0.015 | 0.001 | 0.002 | 0.450 | 0.003 | 0.005 | 167.0 | 1.3 | | 163 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 8 | 10 | 10 | 10 | 9 | 10 | | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 29 | 01 | 76 | 1100 | | | .3 | 465 | 1.40 | 7.5 | | | | | | | |
| 24 | 02 | 76 | 1105 | | | .3 | 340 | 1.00 | 5.5 | | | | | | | |
| 23 | 03 | 76 | 1100 | | | .3 | 250 | 2.30 | 3.8 | | | | | | | |
| 27 | 04 | 76 | 1045 | | | .3 | 300 | 1.40 | 4.1 | | | | | | | |
| 25 | 05 | 76 | 1030 | | | .3 | 380 | 1.50 | 3.9 | | | | | | | |
| 29 | 06 | 76 | 1035 | | | .3 | 364 | 1.50 | 4.3 | | | | | | | |
| 27 | 07 | 76 | 1035 | | | .3 | 390 | 1.60 | 6.6 | | | | | | | |
| 30 | 08 | 76 | 1030 | | | .3 | 380 | 1.70 | 11.5 | | | | | | | |
| 26 | 10 | 76 | 1010 | | | .3 | 440 | 2.20 | 7.4 | | | | | | | |
| 30 | 11 | 76 | 1015 | | | .3 | 445 | 1.20 | 8.7 | | | | | | | |
| MAXIMUM | | | | | | | 465 | 2.30 | 11.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 375 | 1.58 | 6.3 | | | | | | | |
| MINIMUM | | | | | | | 250 | 1.00 | 3.8 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 29 | 01 | 76 | 1100 | | | .3 | | | | | | | | | | |
| 24 | 02 | 76 | 1105 | | | .3 | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 1100 | | | .3 | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 1045 | | | .3 | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 1030 | | | .3 | | | | | | | | | | |
| 29 | 06 | 76 | 1035 | | | .3 | | | | | | | | | | |
| 27 | 07 | 76 | 1035 | | | .3 | | | | | | | | | | |
| 30 | 08 | 76 | 1030 | | | .3 | | | | | | | | | | |
| 26 | 10 | 76 | 1010 | | | .3 | | | | | | | | | | |
| 30 | 11 | 76 | 1015 | | | .3 | | | | | | | | | | |
| MAXIMUM | | | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 3 | | | | | | | | | |

B.O.W. / SITE: CONSECON CREEK
SAMPLE POINT: AT HIGHWAY 14
STATION TYPE: RIVER

STATION ID: 06-0157-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: CONSECON CREEK

STORET CODE: 02
004
2640

| STN NO | 3 | LAT | LONG | U.T.M. | 18 | 0316850.0 | 4877650.0 | 4 | REGION | 04 | MILEAGE | 14.20 | | | | |
|--------------------|--------|---------|----------|---------|------------|-----------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 29 | 01 | 76 | 1045 | | .3 | | 18803 | 4 | | 80. | 50. | 10. | L | 11.0 | 3.0 | 1.8 |
| 24 | 02 | 76 | 1050 | | .3 | | 18811 | 3 | | | | | | 3.0 | 1.0 | 1.6 |
| 23 | 03 | 76 | 1030 | | .3 | | 18819 | 6 | | | | | | 3.0 | 3.0 | 0.6 |
| 27 | 04 | 76 | 1020 | | .3 | | 18827 | 6 | | | | | | 7.0 | 6.0 | 0.8 |
| 25 | 05 | 76 | 1020 | | .3 | | 18835 | 8 6 | | 60. | 44. | 16. | | 13.0 | 3.0 | 0.8 |
| 29 | 06 | 76 | 1020 | | .3 | | 18843 | | | | | | | | | 2.0 |
| 27 | 07 | 76 | 1020 | | .3 | | 18851 | 8 5 | | | | | | 21.0 | 2.0 | 1.8 |
| 30 | 08 | 76 | 1015 | | .3 | | 18859 | | | 70. | 4. | 1. | | | | 1.8 |
| 26 | 10 | 76 | 1000 | | .3 | | 18875 | 6 | | 30. | 1. | 6. | | 5.5 | 2.0 | 1.4 |
| 30 | 11 | 76 | 1000 | | .3 | | 18883 | | | 110. | 10. | 10. | | | | 1.6 |
| MAXIMUM | | | | | | | | | | 110. | 50. | 16. | | 21.0 | 6.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 64.* | 10.* | 6.* D | | 9.1 | 2.9 | 1.4 |
| MINIMUM | | | | | | | | | | 30. | 1. | 1. | | 3.0 | 1.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 5 | 5 | 5 | | 7 | 7 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1045 | | | .3 | | 0.054 | 0.025 | 0.280 | 1.100 | 0.025 | 0.570 | 381.0 | 2.1 | | |
| 24 | 02 | 76 | 1050 | | | .3 | | 0.073 | 0.040 | 0.044 | 0.570 | 0.019 | 0.661 | 196.0 | 1.5 | | 195 |
| 23 | 03 | 76 | 1030 | | | .3 | | 0.080 | 0.069 | 0.034 | 0.440 | 0.010 | 0.660 | 165.0 | 2.3 | | 163 |
| 27 | 04 | 76 | 1020 | | | .3 | | 0.048 | 0.021 | 0.002L | 0.720 | 0.004 | 0.005L | | 1.2 | | 202 |
| 25 | 05 | 76 | 1020 | | | .3 | | 0.046 | 0.029 | 0.014 | 0.460 | 0.004 | 0.005L | 232.0 | 0.1 L | | |
| 29 | 06 | 76 | 1020 | | | .3 | | 0.600 | 0.430 | 0.019 | 2.110 | 0.008 | 0.005L | 338.0 | 18.0 | | |
| 27 | 07 | 76 | 1020 | | | .3 | | 0.088 | 0.056 | | 1.960 | 0.006 | 0.005L | 348.0 | 10.0 | | |
| 30 | 08 | 76 | 1015 | | | .3 | | 0.192 | 0.059 | | 1.900 | 0.007 | 0.005L | 372.0 | 9.7 | | |
| 26 | 10 | 76 | 1000 | | | .3 | | 0.195 | 0.105 | | 1.370 | 0.005 | 0.005L | 337.0 | 3.2 | | |
| 30 | 11 | 76 | 1000 | | | .3 | | 0.090 | 0.058 | | 1.000 | 0.004 | 0.006 | 307.0 | 1.7 | | |

| | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|-------|------|-----|
| MAXIMUM | 0.600 | 0.430 | 0.280 | 2.110 | 0.025 | 0.661 | 381.0 | 18.0 | 202 |
| AVG OR GEOM MN (*) | 0.147 | 0.089 | 0.0660 | 1.163 | 0.009 | 0.1630 | 297.3 | 5.00 | 187 |
| MINIMUM | 0.046 | 0.021 | 0.002 | 0.440 | 0.004 | 0.005 | 165.0 | 0.1 | 163 |
| NO OF SAMPLES | 10 | 10 | 6 | 10 | 10 | 10 | 9 | 10 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1045 | | | .3 | | 580 | 1.80 | 56.0 | | | | | | | |
| 24 | 02 | 76 | 1050 | | | .3 | | 300 | 1.00 | 3.9 | | | | | | | |
| 23 | 03 | 76 | 1030 | | | .3 | | 250 | 3.10 | 2.9 | | | | | | | |
| 27 | 04 | 76 | 1020 | | | .3 | | 310 | 1.70 | 3.0 | | | | | | | |
| 25 | 05 | 76 | 1020 | | | .3 | | 800 | 0.70 | 3.3 | | | | | | | |
| 29 | 06 | 76 | 1020 | | | .3 | | 410 | 3.60 | 5.0 | | | | | | | |
| 27 | 07 | 76 | 1020 | | | .3 | | 420 | 2.40 | 4.7 | | | | | | | |
| 30 | 08 | 76 | 1015 | | | .3 | | 450 | 2.40 | 8.7 | | | | | | | |
| 26 | 10 | 76 | 1000 | | | .3 | | 465 | 2.20 | 7.7 | | | | | | | |
| 30 | 11 | 76 | 1000 | | | .3 | | 450 | 0.90 | 7.3 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|-----|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| MAXIMUM | 800 | 3.60 | 56.0 | | | | | | | | | | | | | | |
| AVG OR GEOM MN (*) | 444 | 1.98 | 10.3 | | | | | | | | | | | | | | |
| MINIMUM | 250 | 0.70 | 2.9 | | | | | | | | | | | | | | |
| NO OF SAMPLES | 10 | 10 | 10 | | | | | | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 29 | 01 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 24 | 02 | 76 | 1050 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 07 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 30 | 08 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 30 | 11 | 76 | 1000 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| MAXIMUM | 1.0 | | | | | | | | | | | | | | | | |
| AVG OR GEOM MN (*) | 1.00 | | | | | | | | | | | | | | | | |
| MINIMUM | 1.0 | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | 4 | | | | | | | | | | | | | | | | |

B.O.W./ SITE: BLOOMFIELD CREEK
SAMPLE POINT: AT CHURCH STREET BLOOMFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HE001

STATION ID: 06-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLOOMFIELD CREEK

STORET CODE: 02
004
2460

STN NO 1 LAT LONG U.T.M. 18 0319750.0 4871200.0 4 REGION 04 MILEAGE 3.70

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 01 | 76 | 1015 | | | .3 | | 18802 | 4 | 6.50 | 960. | 90. | 1500. | G | 12.0 | 3.0 | 1.6 |
| 24 | 02 | 76 | 1010 | | | .3 | | 18810 | 4 | 30.30 | | | | | 3.0 | 1.5 | 1.2 |
| 23 | 03 | 76 | 1000 | | | .3 | | 18818 | 6 | 36.80 | | | | | 3.0 | 9.0 | 0.8 |
| 27 | 04 | 76 | 0945 | | | .3 | | 18826 | 6 | 19.40 | | | | | 7.0 | 5.0 | 0.6 |
| 25 | 05 | 76 | 0930 | | | .3 | | 18834 | 8 5 | 7.10 | 50. | 32. | 16. | | 14.0 | 4.0 | 1.0 |
| 29 | 06 | 76 | 0945 | | | .3 | | 18842 | | 3.60 | | | | | | | 1.0 |
| 27 | 07 | 76 | 0940 | | | .3 | | 18850 | 8 5 | 0.62 | 150. | 1. | 40. | | 22.0 | 2.0 | 1.5 |
| 30 | 08 | 76 | 0940 | | | .3 | | 18858 | | 0.59 | 10000. L | 560. | 640. | | | | 4.2 |
| 26 | 10 | 76 | 0940 | | | .3 | | 18874 | 6 | 3.40 | 190. | 16. | 68. | | 5.0 | 6.0 | 1.5 |
| 30 | 11 | 76 | 0930 | | | .3 | | 18882 | | 2.00 | 550. | 32. | 88. | | | | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|----------|---------|----------|--|------|-----|-----|
| MAXIMUM | | | | | | | | | | 36.80 | 10000. | 560. | 1500. | | 22.0 | 9.0 | 4.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 11.03 | 443. * D | 31. * U | 124. * U | | 9.4 | 4.4 | 1.4 |
| MINIMUM | | | | | | | | | | 0.59 | 50. | 1. | 16. | | 3.0 | 1.5 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 10 | 6 | 6 | 6 | | 7 | 7 | 10 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1015 | | | .3 | | 0.062 | 0.032 | 0.090 | 0.470 | 0.027 | 8.350 | 337.0 | 3.2 | | |
| 24 | 02 | 76 | 1010 | | | .3 | | 0.190 | 0.170 | 0.052 | 0.390 | 0.017 | 5.130 | 255.0 | 1.9 | | 254 |
| 23 | 03 | 76 | 1000 | | | .3 | | 0.044 | 0.026 | 0.010 | 0.320 | 0.010 | 4.160 | 223.0 | 5.1 | | 218 |
| 27 | 04 | 76 | 0945 | | | .3 | | 0.041 | 0.020 | 0.002L | 0.450 | 0.009 | 2.740 | 284.0 | 1.8 | | |
| 25 | 05 | 76 | 0930 | | | .3 | | 0.039 | 0.015 | 0.006 | 0.500 | 0.021 | 1.500 | 321.0 | 2.6 | | |
| 29 | 06 | 76 | 0945 | | | .3 | | 0.365 | 0.180 | 0.033 | 0.850 | 0.002 | 0.025 | 341.0 | 21.0 | | |
| 27 | 07 | 76 | 0940 | | | .3 | | 0.520 | 0.240 | 0.008 | 0.960 | 0.002 | 0.005L | 383.0 | 17.0 | | |
| 30 | 08 | 76 | 0940 | | | .3 | | 1.550 | 0.310 | 0.162 | 2.900 | 0.003 | 0.005L | 425.0 | 72.0 | | |
| 26 | 10 | 76 | 0940 | | | .3 | | 0.096 | 0.050 | 0.010 | 0.530 | 0.020 | 0.330 | 410.0 | 2.6 | | |
| 30 | 11 | 76 | 0930 | | | .3 | | 0.072 | 0.038 | 0.256 | 0.770 | 0.019 | 1.930 | 407.0 | 3.9 | | |

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|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 1.550 | 0.310 | 0.256 | 2.900 | 0.027 | 8.350 | 425.0 | 72.0 | | 254 |
| AVG OR GEOM MN (*) | | | | | | | | 0.298 | 0.108 | 0.063D | 0.814 | 0.013 | 2.418D | 338.6 | 13.1 | | 236 |
| MINIMUM | | | | | | | | 0.039 | 0.015 | 0.002 | 0.320 | 0.002 | 0.005 | 223.0 | 1.8 | | 218 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1015 | | | .3 | | 540 | 1.10 | 27.0 | | | | | | | |
| 24 | 02 | 76 | 1010 | | | .3 | | 390 | 2.70 | 8.4 | | | | | | | |
| 23 | 03 | 76 | 1000 | | | .3 | | 335 | 5.10 | 7.0 | | | | | | | |
| 27 | 04 | 76 | 0945 | | | .3 | | 455 | 2.10 | 9.8 | | | | | | | |
| 25 | 05 | 76 | 0930 | | | .3 | | 495 | 1.00 | 11.0 | | | | | | | |
| 29 | 06 | 76 | 0945 | | | .3 | | 495 | 3.30 | 12.5 | | | | | | | |
| 27 | 07 | 76 | 0940 | | | .3 | | 600 | 3.50 | 28.0 | | | | | | | |
| 30 | 08 | 76 | 0940 | | | .3 | | 580 | 6.60 | 24.0 | | | | | | | |
| 26 | 10 | 76 | 0940 | | | .3 | | 650 | 1.80 | 24.5 | | | | | | | |
| 30 | 11 | 76 | 0930 | | | .3 | | 680 | 1.40 | 27.0 | | | | | | | |

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|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 680 | 6.60 | 28.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 522 | 2.86 | 17.9 | | | | | | | |
| MINIMUM | | | | | | | | 335 | 1.00 | 7.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 29 | 01 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 24 | 02 | 76 | 1010 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 0945 | | | .3 | | 2.0 | | | | | | | | | |
| 25 | 05 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 0945 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 07 | 76 | 0940 | | | .3 | | | | | | | | | | | |
| 30 | 08 | 76 | 0940 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 0940 | | | .3 | | | | | | | | | | | |
| 30 | 11 | 76 | 0930 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.3D | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | | | | | | | | | |

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: AT COUNTY ROAD 17
STATION TYPE: RIVER

STATION ID: 06-0172-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: BLACK RIVER

STORET CODE: 02
004
2010

STN NO 1 LAT LONG U.T.M. 18 0332300.0 4866500.0 4 REGION 04 MILEAGE 4.80

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 01 | 76 | 0915 | | | .3 | | 18801 | 4 | | 30. | 30. | 160. | | 12.0 | 3.0 | 0.8 |
| 24 | 02 | 76 | 0915 | | | .3 | | 18809 | 4 | | | | | | 2.0 | 2.0 | 1.2 |
| 23 | 03 | 76 | 0905 | | | .3 | | 18817 | 4 | | | | | | 3.0 | 7.0 | 0.4 |
| 27 | 04 | 76 | 0845 | | | .3 | | 18825 | 6 | | | | | | 6.0 | 8.0 | 0.8 |
| 25 | 05 | 76 | 0845 | | | .3 | | 18833 | 6 0 | | 40. | 20. | 12. | | 14.0 | 6.0 | 0.8 |
| 29 | 06 | 76 | 0900 | | | .3 | | 18841 | | | | | | | | | 1.4 |
| 27 | 07 | 76 | 0900 | | | .3 | | 18849 | 6 | | 420. | 1. | 24. | | 24.0 | 7.0 | 0.6 |
| 30 | 08 | 76 | 0855 | | | .3 | | 18857 | | | 300. | 1. | 16. | | | | 1.8 |
| 26 | 10 | 76 | 0850 | | | .3 | | 18873 | 6 | | 140. | 10. | 30. | | 8.0 | 7.0 | 1.1 |
| 30 | 11 | 76 | 0850 | | | .3 | | 18881 | | | 280. | 20. | 20. | | | | 1.2 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-----|------|--|------|-----|-----|
| MAXIMUM | | | | | | | | | | | 420. | 30. | 160. | | 24.0 | 8.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 135.* | 7.* | 28.* | | 9.9 | 5.7 | 1.0 |
| MINIMUM | | | | | | | | | | | 30. | 1. | 12. | | 2.0 | 2.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 6 | 6 | | 7 | 7 | 10 |

| SAMP DY | DTE MO | HR YR | LT MTR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 0915 | | | .3 | | 0.028 | 0.014 | 0.070 | 0.430 | 0.012 | 0.630 | 261.0 | 1.5 | | 260 |
| 24 | 02 | 76 | 0915 | | | .3 | | 0.050 | 0.009 | 0.012 | 0.410 | 0.007 | 0.703 | 216.0 | 1.5 | | 215 |
| 23 | 03 | 76 | 0905 | | | .3 | | 0.018 | 0.009 | 0.072 | 0.270 | 0.005 | 0.240 | 189.0 | 3.9 | | 185 |
| 27 | 04 | 76 | 0845 | | | .3 | | 0.063 | 0.022 | 0.002L | 0.410 | 0.003 | 0.087 | | 5.2 | | 234 |
| 25 | 05 | 76 | 0845 | | | .3 | | 0.025 | 0.004 | 0.010 | 0.450 | 0.003 | 0.007 | 251.0 | 3.9 | | |
| 29 | 06 | 76 | 0900 | | | .3 | | 0.103 | 0.016 | 0.020 | 1.030 | 0.004 | 0.005 | 292.0 | 29.0 | | |
| 27 | 07 | 76 | 0900 | | | .3 | | 0.068 | 0.002 | 0.004 | 0.680 | 0.001 | 0.005L | 333.0 | 49.0 | | |
| 30 | 08 | 76 | 0855 | | | .3 | | 0.058 | 0.002 | 0.012 | 0.730 | 0.001 | 0.005L | 262.0 | 15.0 | | |
| 26 | 10 | 76 | 0850 | | | .3 | | 0.026 | 0.001 | 0.004 | 0.520 | 0.003 | 0.017 | 307.0 | 3.5 | | |
| 30 | 11 | 76 | 0850 | | | .3 | | 0.022 | 0.002 | 0.006 | 0.390 | 0.002 | 0.093 | 288.0 | 4.7 | | |

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|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 0.103 | 0.022 | 0.072 | 1.030 | 0.012 | 0.703 | 333.0 | 49.0 | | 260 |
| AVG OR GEOM MN (*) | | | | | | | | 0.046 | 0.008 | 0.0210 | 0.532 | 0.004 | 0.179D | 266.6 | 11.7 | | 224 |
| MINIMUM | | | | | | | | 0.018 | 0.001 | 0.002 | 0.270 | 0.001 | 0.005 | 189.0 | 1.5 | | 185 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | | 4 |

| SAMP DY | DTE MO | HR YR | LT MTR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 0915 | | | .3 | | 400 | 1.40 | 4.7 | | | | | | | |
| 24 | 02 | 76 | 0915 | | | .3 | | 330 | 1.30 | 3.2 | | | | | | | |
| 23 | 03 | 76 | 0905 | | | .3 | | 275 | 2.40 | 2.5 | | | | | | | |
| 27 | 04 | 76 | 0845 | | | .3 | | 360 | 2.50 | 2.5 | | | | | | | |
| 25 | 05 | 76 | 0845 | | | .3 | | 380 | 1.80 | 1.9 | | | | | | | |
| 29 | 06 | 76 | 0900 | | | .3 | | 405 | 4.20 | 2.4 | | | | | | | |
| 27 | 07 | 76 | 0900 | | | .3 | | 440 | 16.00 | 2.4 | | | | | | | |
| 30 | 08 | 76 | 0855 | | | .3 | | 410 | 4.30 | 2.5 | | | | | | | |
| 26 | 10 | 76 | 0850 | | | .3 | | 480 | 2.20 | 4.1 | | | | | | | |
| 30 | 11 | 76 | 0850 | | | .3 | | 480 | 1.20 | 4.1 | | | | | | | |

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|--------------------|--|--|--|--|--|--|--|-----|-------|-----|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 480 | 16.00 | 4.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 396 | 3.73 | 3.0 | | | | | | | |
| MINIMUM | | | | | | | | 275 | 1.20 | 1.9 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP DY | DTE MO | HR YR | LT MTR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 29 | 01 | 76 | 0915 | | | .3 | | | | | | | | | | | |
| 24 | 02 | 76 | 0915 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 0905 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 0845 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 0845 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 0900 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 07 | 76 | 0900 | | | .3 | | | | | | | | | | | |
| 30 | 08 | 76 | 0855 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 0850 | | | .3 | | | | | | | | | | | |
| 30 | 11 | 76 | 0850 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | | | | | | | | | |

B.O.W. / SITE: MILLHAVEN CREEK
SAMPLE POINT: COUNTY ROAD 5, SYDENHAM
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STATION ID: 06-0180-002-02

STORET CODE: 02
004
0080

| STN NO | 2 | LAT | LONG | U.T.M. 18 0372500.0 4918100.0 4 | | | | REGION 04 | | MILEAGE | 21.10 | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LT MTR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1200 | | | .3 | | 19516 | 6 8 | | 10. | 4. | 8. | | 2.0 | 12.0 | 1.2 |
| 03 | 02 | 76 | 1120 | | | .3 | | 19533 | 6 8 | | 10. | L 1. | 12. | | 2.0 | 16.0 | 0.2 |
| 02 | 03 | 76 | 1230 | | | .3 | | 19550 | 6 8 | | 10. | L 1. | 4. | | 1.0 | 14.0 | 0.2 |
| 06 | 04 | 76 | 1310 | | | .3 | | 19567 | 3 6 8 | | 320. | 1. | 96. | | 6.0 | 17.0 | 1.2 |
| 04 | 05 | 76 | 1100 | | | .3 | | 19584 | 6 8 | | 20. | 1. | 8. | | 8.0 | 14.0 | 1.4 |
| 09 | 06 | 76 | 1130 | | | .3 | | 19601 | 6 8 | | 300. | | 24. | | 22.0 | 15.0 | |
| 13 | 07 | 76 | 1130 | | | .3 | | 19618 | 6 8 | | 300. | | 200. | | 20.0 | 14.0 | 1.0 |
| 04 | 08 | 76 | 1130 | | | .3 | | 19635 | 6 8 | | 100. | | 68. | | 21.0 | 15.0 | |
| 01 | 09 | 76 | 1130 | | | .3 | | 19652 | 6 8 | | 2200. | 612. | 840. | | 18.0 | 10.0 | 1.4 |
| 06 | 10 | 76 | 1100 | | | .3 | | 19669 | 6 8 | | 200. | 60. | 30. | | 15.0 | 10.0 | 1.6 |
| 03 | 11 | 76 | 1145 | | | .3 | | 19686 | 6 8 | | 530. | 10. | L 10. | | 6.0 | 12.0 | 1.9 |
| 07 | 12 | 76 | 1215 | | | .3 | | 19703 | 6 8 | | 100. | 4. | 52. | | 1.0 | 3.0 | 1.0 |
| | | | | | | | | | | | 2200. | 612. | 840. | | 22.0 | 17.0 | 1.9 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 102.* D | 6.* D | 32.* | | 10.2 | 12.7 | 1.1 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 4. | | 1.0 | 3.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 10 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|---------|-------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 2200. | 612. | 840. | | 22.0 | 17.0 | 1.9 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 102.* D | 6.* D | 32.* | | 10.2 | 12.7 | 1.1 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 4. | | 1.0 | 3.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 10 |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1200 | | | .3 | | 0.020 | 0.001L | 0.010 | 0.510 | 0.002 | 0.060 | | | | 182 |
| 03 | 02 | 76 | 1120 | | | .3 | | 0.016 | 0.001 | 0.010 | 0.520 | 0.002 | 0.150 | | | | 280 |
| 02 | 03 | 76 | 1230 | | | .3 | | 0.018 | 0.001 | 0.002 | 0.460 | 0.003 | 0.252 | | | | 182 |
| 06 | 04 | 76 | 1310 | | | .3 | | 0.016 | 0.001 | 0.006 | 0.420 | 0.004 | 0.291 | | 2.8 | | 156 |
| 04 | 05 | 76 | 1100 | | | .3 | | 0.027 | 0.003 | 0.008 | 0.510 | 0.002 | 0.133 | | 3.1 | | 179 |
| 09 | 06 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 13 | 07 | 76 | 1130 | | | .3 | | 0.044 | 0.002 | 0.004 | 0.480 | 0.001 | 0.024 | 168.0 | 2.2 | | |
| 04 | 08 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 01 | 09 | 76 | 1130 | | | .3 | | 0.017 | 0.006 | 0.010 | 0.370 | 0.003 | 0.087 | 169.0 | 3.0 | | |
| 06 | 10 | 76 | 1100 | | | .3 | | 0.017 | 0.002 | 0.002 | 0.490 | 0.001 | 0.034 | 170.0 | 3.8 | | |
| 03 | 11 | 76 | 1145 | | | .3 | | 0.071 | 0.002 | 0.010 | 0.630 | 0.003 | 0.057 | 189.0 | 10.0 | | |
| 07 | 12 | 76 | 1215 | | | .3 | | 0.020 | 0.002 | 0.020 | 0.450 | 0.002 | 0.078 | 184.0 | 1.8 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 0.071 | 0.006 | 0.020 | 0.630 | 0.004 | 0.291 | 189.0 | 10.0 | | 280 |
| AVG OR GEOM MN (*) | | | | | | | | 0.027 | 0.002D | 0.008 | 0.484 | 0.002 | 0.117 | 176.0 | 3.8 | | 196 |
| MINIMUM | | | | | | | | 0.016 | 0.001 | 0.002 | 0.370 | 0.001 | 0.024 | 168.0 | 1.8 | | 156 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 7 | | 5 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 1200 | | | .3 | | 280 | 1.60 | 8.8 | | | | | | | |
| 03 | 02 | 76 | 1120 | | | .3 | | 280 | 1.40 | 9.3 | | | | | | | |
| 02 | 03 | 76 | 1230 | | | .3 | | 285 | 1.40 | 9.6 | | | | | | | |
| 06 | 04 | 76 | 1310 | | | .3 | | 240 | 1.60 | 8.4 | | | | | | | |
| 04 | 05 | 76 | 1100 | | | .3 | | 275 | 2.20 | 8.2 | | | | | | | |
| 13 | 07 | 76 | 1130 | | | .3 | | 255 | 2.00 | 8.6 | | | | | | | |
| 01 | 09 | 76 | 1130 | | | .3 | | 255 | 1.80 | 8.7 | | | | | | | |
| 06 | 10 | 76 | 1100 | | | .3 | | 255 | 1.60 | 8.3 | | | | | | | |
| 03 | 11 | 76 | 1145 | | | .3 | | 275 | 4.00 | 9.7 | | | | | | | |
| 07 | 12 | 76 | 1215 | | | .3 | | 280 | 2.50 | 9.6 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 285 | 4.00 | 9.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 268 | 2.01 | 8.9 | | | | | | | |
| MINIMUM | | | | | | | | 240 | 1.40 | 8.2 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: MILLHAVEN CREEK
SAMPLE POINT: FIRST CONCESSION ROAD NORTH OF MILLHAVEN
STATION TYPE: RIVER FLOW GAUGE FED 02HMO06

STATION ID: 06-0180,003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

STN NO 3 LAT LONG U.T.M. 18 0357750.0 4896950.0 4 REGION 04 MILEAGE 2.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1015 | | | .3 | | 19503 | 6 4 8 | 35.00 | 260. | 130. | 10. L | | 0.0 | 12.0 | 0.6 |
| 02 | 02 | 76 | 0920 | | | .3 | | 19520 | 4 6 8 | 94.00 | 620. | 110. | 50. | | 0.0 | 9.0 | 0.2 |
| 01 | 03 | 76 | 0920 | | | .3 | | 19537 | 3 6 8 | 420.00 | 270. | 10. L | 90. | | 0.0 | 11.0 | 0.8 |
| 05 | 04 | 76 | 0845 | | | .3 | | 19554 | 3 6 8 | 328.00 | 200. | 10. L | 10. | | 4.0 | 17.0 | 0.6 |
| 03 | 05 | 76 | 0900 | | | .3 | | 19571 | 6 8 | 29.00 | 1100. | 96. | 52. | | 12.0 | 12.0 | 1.2 |
| 08 | 06 | 76 | 0900 | | | .3 | | 19588 | 6 8 | 63.40 | 200. | 44. | 24. | | 20.0 | 9.0 | 1.0 |
| 12 | 07 | 76 | 0905 | | | .3 | | 19605 | 6 8 | 25.50 | 40. | | 312. | | 20.0 | 9.0 | 1.0 |
| 03 | 08 | 76 | 0855 | | | .3 | | 19622 | 6 8 | 13.30 | 3800. | | 120. | | 18.0 | 10.0 | 0.8 |
| 31 | 08 | 76 | 0930 | | | .3 | | 19639 | 6 8 | 5.60 | 270. | 112. | 24. | | 15.0 | 9.0 | 0.8 |
| 05 | 10 | 76 | 0845 | | | .3 | | 19656 | 6 8 | 6.80 | 480. | 144. | 28. | | 13.0 | 8.0 | 1.4 |
| 02 | 11 | 76 | 0900 | | | .3 | | 19673 | 6 8 | 26.40 | 500. | 28. | 100. | | 3.0 | 14.0 | 1.0 |
| 06 | 12 | 76 | 1000 | | | .3 | | 19690 | 4 6 8 | 24.60 | 480. | 32. | 4. L | | 0.0 | 7.0 | 0.4 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--------|-------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 420.00 | 3800. | 144. | 312. | | 20.0 | 17.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 89.30 | 380.* | 49.* D | 37.* D | | 8.8 | 10.6 | 0.8 |
| MINIMUM | | | | | | | | | | 5.60 | 40. | 10. | 4. | | 0.0 | 7.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1015 | | | .3 | | 0.019 | 0.002 | 0.110 | 0.550 | 0.007 | 0.360 | 277.0 | 4.0 | | |
| 02 | 02 | 76 | 0920 | | | .3 | | 0.032 | 0.007 | 0.130 | 0.670 | 0.013 | 0.490 | 263.0 | 7.3 | | |
| 01 | 03 | 76 | 0920 | | | .3 | | 0.023 | 0.006 | 0.026 | 0.360 | 0.009 | 0.811 | 197.0 | 2.8 | | 195 |
| 05 | 04 | 76 | 0845 | | | .3 | | 0.015 | 0.002 | 0.002L | 0.320 | 0.004 | 0.241 | | 2.1 | | 159 |
| 03 | 05 | 76 | 0900 | | | .3 | | 0.039 | 0.016 | 0.004 | 0.540 | 0.004 | 0.056 | 231.0 | 3.0 | | |
| 08 | 06 | 76 | 0900 | | | .3 | | | | | | | | 223.0 | 4.7 | | 218 |
| 12 | 07 | 76 | 0905 | | | .3 | | 0.043 | 0.020 | 0.010 | 0.690 | 0.001 | 0.005L | 197.0 | 2.2 | | |
| 03 | 08 | 76 | 0855 | | | .3 | | | | | | | | 198.0 | 2.3 | | 195 |
| 31 | 08 | 76 | 0930 | | | .3 | | 0.016 | 0.001 | 0.022 | 0.720 | 0.001 | 0.005L | 194.0 | 1.7 | | |
| 05 | 10 | 76 | 0845 | | | .3 | | 0.215 | 0.005 | 0.002L | 0.830 | 0.002 | 0.005L | 219.0 | 3.6 | | |
| 02 | 11 | 76 | 0900 | | | .3 | | 0.013 | 0.002 | 0.002L | 0.840 | 0.003 | 0.087 | 252.0 | 2.4 | | |
| 06 | 12 | 76 | 1000 | | | .3 | | 0.030 | 0.016 | 0.066 | 0.620 | 0.003 | 0.177 | 272.0 | 4.8 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|-----|--|-----|
| MAXIMUM | | | | | | | | 0.215 | 0.020 | 0.130 | 0.840 | 0.013 | 0.811 | 277.0 | 7.3 | | 218 |
| AVG OR GEOM MN (*) | | | | | | | | 0.045 | 0.008 | 0.037D | 0.614 | 0.005 | 0.224D | 229.4 | 3.4 | | 192 |
| MINIMUM | | | | | | | | 0.013 | 0.001 | 0.002 | 0.320 | 0.001 | 0.005 | 194.0 | 1.7 | | 159 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 12 | | 4 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1015 | | | .3 | | 450 | 2.00 | 14.0 | | | | | | | |
| 02 | 02 | 76 | 0920 | | | .3 | | 420 | 4.40 | 14.5 | | | | | | | |
| 01 | 03 | 76 | 0920 | | | .3 | | 300 | 2.60 | 10.5 | | | | | | | |
| 05 | 04 | 76 | 0845 | | | .3 | | 245 | 1.60 | 7.5 | | | | | | | |
| 03 | 05 | 76 | 0900 | | | .3 | | 350 | 2.40 | 12.0 | | | | | | | |
| 08 | 06 | 76 | 0900 | | | .3 | | 335 | 2.50 | | | | | | | | |
| 12 | 07 | 76 | 0905 | | | .3 | | 300 | 1.80 | 11.0 | | | | | | | |
| 03 | 08 | 76 | 0855 | | | .3 | | 300 | 2.10 | | | | | | | | |
| 31 | 08 | 76 | 0930 | | | .3 | | 295 | 1.50 | 14.5 | | | | | | | |
| 05 | 10 | 76 | 0845 | | | .3 | | 330 | 2.00 | 16.5 | | | | | | | |
| 02 | 11 | 76 | 0900 | | | .3 | | 385 | 2.40 | 17.5 | | | | | | | |
| 06 | 12 | 76 | 1000 | | | .3 | | 410 | 2.60 | 18.0 | | | | | | | |
| MAXIMUM | | | | | | | | 450 | 4.40 | 18.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 343 | 2.33 | 13.6 | | | | | | | |
| MINIMUM | | | | | | | | 245 | 1.50 | 7.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 10 | | | | | | | |

B.O.W./ SITE: MILLHAVEN CREEK
SAMPLE POINT: FIRST CONCESSION ROAD SOUTH OF ODESSA
STATION TYPE: RIVER

STATION ID: 06-0180-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
004
0080

STN NO 4 LAT LONG U.T.M. 18 0362110.0 4902175.0 4 REGION 04 MILEAGE 4.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0945 | | | .3 | | 19502 | 4 6 8 | | 40. | 20. | 20. | | 0.0 | 6.0 | 0.6 |
| 02 | 02 | 76 | 0850 | | | .3 | | 19519 | 4 6 8 | | 300. | 10. | 10. | | 0.0 | 8.0 | 0.6 |
| 01 | 03 | 76 | 0900 | | | .3 | | 19536 | 6 8 | | 200. | 20. | 10. | | 0.0 | 11.0 | 0.8 |
| 05 | 04 | 76 | 0820 | | | .3 | | 19553 | 3 6 8 | | 140. | 1. | 1. | | 4.0 | 13.0 | 0.8 |
| 03 | 05 | 76 | 0835 | | | .3 | | 19570 | 6 8 | | 400. | 1. | 84. | | 12.0 | 15.0 | 1.4 |
| 08 | 06 | 76 | 0845 | | | .3 | | 19587 | 6 8 | | 100. | 16. | 16. | | 20.0 | 9.0 | 1.0 |
| 19 | 07 | 76 | 0845 | | | .3 | | 19604 | 6 8 | | 400. | | 520. | | 20.0 | 12.0 | 1.0 |
| 03 | 08 | 76 | 0835 | | | .3 | | 19621 | 6 8 | | 600. | | 136. | | 17.0 | 13.0 | 0.6 |
| 31 | 08 | 76 | 0910 | | | .3 | | 19638 | 6 8 | | 330. | 56. | 272. | | 15.0 | 13.0 | 0.8 |
| 05 | 10 | 76 | 0830 | | | .3 | | 19655 | 6 8 | | 800. | 32. | 112. | | 12.0 | 13.0 | 1.4 |
| 02 | 11 | 76 | 0840 | | | .3 | | 19672 | 6 8 | | 760. | 32. | 12. | | 3.0 | 7.0 | 1.0 |
| 06 | 12 | 76 | 0935 | | | .3 | | 19689 | 4 6 8 | | 280. | 28. | 8. | | 0.0 | 4.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | 800. | 56. | 520. | | 20.0 | 15.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 274. | 13. | 30. | | 8.6 | 10.3 | 0.9 |
| MINIMUM | | | | | | | | | | | 40. | 1. | 1. | | 0.0 | 4.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0945 | | | .3 | | 0.012 | 0.001 | 0.150 | 0.690 | 0.009 | 0.240 | 268.0 | 3.0 | | |
| 02 | 02 | 76 | 0850 | | | .3 | | 0.033 | 0.002 | 0.180 | 0.780 | 0.020 | 0.270 | 296.0 | 14.0 | | |
| 01 | 03 | 76 | 0900 | | | .3 | | 0.014 | 0.002 | 0.030 | 0.390 | 0.010 | 0.711 | 204.0 | 2.0 | | |
| 05 | 04 | 76 | 0820 | | | .3 | | 0.014 | 0.001 | 0.004 | 0.350 | 0.004 | 0.246 | | 1.1 | | 202 |
| 03 | 05 | 76 | 0835 | | | .3 | | 0.022 | 0.003 | 0.008 | 0.520 | 0.003 | 0.007 | | 2.7 | | 153 |
| 08 | 06 | 76 | 0845 | | | .3 | | | | | | | | 214.0 | 3.1 | | 215 |
| 19 | 07 | 76 | 0845 | | | .3 | | 0.021 | 0.003 | 0.020 | 0.630 | 0.002 | 0.005L | 192.0 | 3.2 | | 211 |
| 03 | 08 | 76 | 0835 | | | .3 | | | | | | | | 195.0 | 2.5 | | 192 |
| 31 | 08 | 76 | 0910 | | | .3 | | 0.030 | 0.012 | 0.014 | 0.720 | 0.001 | 0.005L | 184.0 | 2.3 | | |
| 05 | 10 | 76 | 0830 | | | .3 | | 0.019 | 0.003 | 0.006 | 0.770 | 0.002 | 0.005L | 204.0 | 1.8 | | |
| 02 | 11 | 76 | 0840 | | | .3 | | 0.009 | 0.002 | 0.002L | 0.660 | 0.004 | 0.046 | 229.0 | 4.6 | | |
| 06 | 12 | 76 | 0935 | | | .3 | | 0.026 | 0.006 | 0.106 | 0.640 | 0.003 | 0.087 | 248.0 | 3.6 | | |
| MAXIMUM | | | | | | | | 0.033 | 0.012 | 0.180 | 0.780 | 0.020 | 0.711 | 296.0 | 14.0 | | 215 |
| AVG OR GEOM MN (*) | | | | | | | | 0.020 | 0.004 | 0.052D | 0.615 | 0.006 | 0.162D | 223.4 | 3.7 | | 195 |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.002 | 0.350 | 0.001 | 0.005 | 184.0 | 1.1 | | 153 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | | 5 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0945 | | | .3 | | 445 | 1.20 | 13.5 | | | | | | | |
| 02 | 02 | 76 | 0850 | | | .3 | | 450 | 5.10 | 18.0 | | | | | | | |
| 01 | 03 | 76 | 0900 | | | .3 | | 310 | 1.20 | 10.5 | | | | | | | |
| 05 | 04 | 76 | 0820 | | | .3 | | 235 | 1.00 | 6.9 | | | | | | | |
| 03 | 05 | 76 | 0835 | | | .3 | | 330 | 1.60 | 11.5 | | | | | | | |
| 08 | 06 | 76 | 0845 | | | .3 | | 325 | 1.60 | | | | | | | | |
| 19 | 07 | 76 | 0845 | | | .3 | | 290 | 2.00 | 11.0 | | | | | | | |
| 03 | 08 | 76 | 0835 | | | .3 | | 297 | 1.70 | | | | | | | | |
| 31 | 08 | 76 | 0910 | | | .3 | | 280 | 1.30 | 14.0 | | | | | | | |
| 05 | 10 | 76 | 0830 | | | .3 | | 310 | 1.00 | 15.0 | | | | | | | |
| 02 | 11 | 76 | 0840 | | | .3 | | 345 | 1.80 | 17.5 | | | | | | | |
| 06 | 12 | 76 | 0935 | | | .3 | | 375 | 2.00 | 17.0 | | | | | | | |
| MAXIMUM | | | | | | | | 450 | 5.10 | 18.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 333 | 1.79 | 13.5 | | | | | | | |
| MINIMUM | | | | | | | | 235 | 1.00 | 6.9 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 10 | | | | | | | |

B.O.W. / SITE: MILLHAVEN CREEK
 SAMPLE POINT: AT COUNTY ROAD 6
 STATION TYPE: RIVER

STATION ID: 06-0180-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MILLHAVEN CREEK

STORET CODE: 02
 004
 0080

| STN NO | 5 | LAT | LONG | U.T.M. 18 0363020.0 4904800.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 6.70 |
|----------|-----------|----------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 | 0920 | | | | .3 | | 19501 | 4 6 8 | | 10. L | 1. | 4. | | 0.0 | 3.0 | 0.4 |
| 02 02 76 | 0830 | | | | .3 | | 19518 | 4 6 8 | | 20. | 16. | 32. | | 0.0 | 2.0 | 0.6 |
| 01 03 76 | 0850 | | | | .3 | | 19535 | 6 8 | | 90. | 10. L | 50. | | 0.0 | 9.0 | 0.8 |
| 05 04 76 | 0800 | | | | .3 | | 19552 | 3 6 8 | | 40. | 1. | 1. | | 4.0 | 8.0 | 0.8 |
| 03 05 76 | 0820 | | | | .3 | | 19569 | 6 8 | | 200. | 4. | 4. | | 12.0 | 12.0 | 1.4 |
| 08 06 76 | 0830 | | | | .3 | | 19586 | 6 8 | | 40. | 1. | 1. | | 22.0 | 6.0 | 1.0 |
| 12 07 76 | 0825 | | | | .3 | | 19603 | 6 8 | | 100. | | 12. | | 21.0 | 5.0 | 1.8 |
| 03 08 76 | 0820 | | | | .3 | | 19620 | 6 8 | | 10. | | 1. | | 18.0 | 10.0 | 0.8 |
| 31 08 76 | 0900 | | | | .3 | | 19637 | 6 8 | | 10. | 1. | 1. | | 16.0 | 7.0 | 0.8 |
| 05 10 76 | 0815 | | | | .3 | | 19654 | 6 8 | | 10. L | 1. | 0. | | 13.0 | 11.0 | 1.4 |
| 02 11 76 | 0830 | | | | .3 | | 19671 | 6 8 | | 80. | 52. | 22. | | 3.0 | 11.0 | 1.5 |
| 06 12 76 | 0920 | | | | .3 | | 19688 | 4 6 8 | | 10. | 4. | 12. | | 0.0 | 6.0 | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

200.
 30.* D
 10.

52.
 3.* D
 1.

50.
 5.*
 0.

22.0
 9.1
 0.0

12.0
 7.5
 2.0

1.8
 1.0
 0.4

NO OF SAMPLES

12

10

12

12

12

12

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|---------------------------|
| 12 | 01 | 76 | 0920 | | .3 | | 0.012 | 0.002 | 0.150 | 1.900 | 0.009 | 0.200 | 265.0 | 2.0 | | |
| 02 | 02 | 76 | 0830 | | .3 | | 0.019 | 0.001 | 0.200 | 0.670 | 0.029 | 0.170 | 256.0 | 6.1 | | |
| 01 | 03 | 76 | 0850 | | .3 | | 0.014 | 0.002 | 0.020 | 0.400 | 0.011 | 0.549 | | | | 195 |
| 05 | 04 | 76 | 0800 | | .3 | | 0.013 | 0.013 | 0.002L | 0.350 | 0.005 | 0.225 | | 1.1 | | 150 |
| 03 | 05 | 76 | 0820 | | .3 | | 0.059 | 0.001 | 0.002L | 0.580 | 0.002 | 0.005L | | 3.9 | | 205 |
| 08 | 06 | 76 | 0830 | | .3 | | | | | | | | 214.0 | 3.0 | | 211 |
| 12 | 07 | 76 | 0825 | | .3 | | 0.024 | 0.004 | 0.016 | 0.740 | 0.001 | 0.005L | 185.0 | 2.7 | | |
| 03 | 08 | 76 | 0820 | | .3 | | | | | | | | 177.0 | 1.3 | | 176 |
| 31 | 08 | 76 | 0900 | | .3 | | 0.060 | 0.002 | 0.006 | 0.720 | 0.001 | 0.005L | 169.0 | 2.7 | | |
| 05 | 10 | 76 | 0815 | | .3 | | 0.039 | 0.018 | 0.030 | 0.880 | 0.002 | 0.005L | 193.0 | 3.7 | | |
| 02 | 11 | 76 | 0830 | | .3 | | 0.014 | 0.001 | 0.010 | 0.710 | 0.004 | 0.006 | 200.0 | 2.4 | | |
| 06 | 12 | 76 | 0920 | | .3 | | 0.088 | 0.006 | 0.124 | 0.460 | 0.004 | 0.041 | 283.0 | 42.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.088
 0.034
 0.012

0.018
 0.005
 0.001

0.200
 0.0560
 0.002

1.900
 0.741
 0.350

0.029
 0.007
 0.001

0.549
 0.1210
 0.005

283.0
 215.8
 169.0

42.0
 6.4
 1.1

211
 187
 150

NO OF SAMPLES

10

10

10

10

10

10

9

11

5

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|-----------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 | 01 | 76 | 0920 | | .3 | | 430 | 1.20 | 12.5 | | | | | | | |
| 02 | 02 | 76 | 0830 | | .3 | | 410 | 4.10 | 13.5 | | | | | | | |
| 01 | 03 | 76 | 0850 | | .3 | | 300 | 1.00 | 8.5 | | | | | | | |
| 05 | 04 | 76 | 0800 | | .3 | | 230 | 1.00 | 6.3 | | | | | | | |
| 03 | 05 | 76 | 0820 | | .3 | | 315 | 1.90 | 9.5 | | | | | | | |
| 08 | 06 | 76 | 0830 | | .3 | | 324 | 1.10 | | | | | | | | |
| 12 | 07 | 76 | 0825 | | .3 | | 280 | 1.70 | 8.9 | | | | | | | |
| 03 | 08 | 76 | 0820 | | .3 | | 270 | 1.30 | | | | | | | | |
| 31 | 08 | 76 | 0900 | | .3 | | 257 | 1.20 | 12.5 | | | | | | | |
| 05 | 10 | 76 | 0815 | | .3 | | 290 | 1.20 | 12.5 | | | | | | | |
| 02 | 11 | 76 | 0830 | | .3 | | 305 | 1.40 | 12.0 | | | | | | | |
| 06 | 12 | 76 | 0920 | | .3 | | 370 | 18.00 | 14.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

430
 315
 230

18.00
 2.93
 1.00

14.0
 11.0
 6.3

NO OF SAMPLES

12

12

10

B.O.W. / SITE: COLLINS CREEK
 SAMPLE POINT: AT THIRD CONCESSION ROAD 1.5 MILES NORTH OF COLLINS BAY
 STATION TYPE: RIVER FLOW GAUGE FED 02HMO05

STATION ID: 06-0183-002-02

STORET CODE: 02
 004
 0040

| STN NO | 2 | LAT | LONG | U.T.M. 18 0371250.0 4901400.0 4 | REGION 04 | MILEAGE | 1.60 | | | | | | | | | |
|--------------------|--------|------|----------|---------------------------------|------------|---------|-------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 0830 | | | .3 | | 19500 | 4 6 8 | 32.50 | 80. | 10. L | 10. L | | 0.0 | 4.0 | 0.6 |
| 02 02 | 76 | 0800 | | | .3 | | 19517 | 4 6 8 | 81.00 | 60. | 10. L | 10. | | 0.0 | 7.0 | 0.4 |
| 01 03 | 76 | 0810 | | | .3 | | 19534 | 6 8 | 400.00 | 530. | 10. | 10. | | 0.0 | 17.0 | 0.2 |
| 05 04 | 76 | 0730 | | | .3 | | 19551 | 3 6 8 | 305.00 | 100. | 10. | 10. L | | 5.0 | 12.0 | 0.8 |
| 03 05 | 76 | 0800 | | | .3 | | 19568 | 6 8 | 72.70 | 80. | 4. | 4. | | 12.0 | 6.0 | 0.8 |
| 08 06 | 76 | 0800 | | | .3 | | 19585 | 6 8 | 29.30 | 300. | 36. | 4. | | 19.0 | 5.0 | 1.0 |
| 12 07 | 76 | 0800 | | | .3 | | 19602 | 6 8 | 25.50 | 900. | | 136. | | 20.0 | 4.0 | 1.0 |
| 03 08 | 76 | 0800 | | | .3 | | 19619 | 6 8 | 14.10 | 200. | | 60. | | 15.0 | 7.0 | 1.2 |
| 31 08 | 76 | 0830 | | | .3 | | 19636 | 6 8 | 5.40 | 500. | 112. | 128. | | 13.0 | 4.0 | 0.8 |
| 05 10 | 76 | 0745 | | | .3 | | 19653 | 6 8 | 9.50 | 300. | 52. | 80. | | 10.0 | 6.0 | 1.0 |
| 02 11 | 76 | 0800 | | | .3 | | 19670 | 6 8 | 44.30 | 620. | 2. | 40. | | 2.0 | 13.0 | 0.9 |
| 06 12 | 76 | 0900 | | | .3 | | 19687 | 4 6 8 | 39.00 | 430. | 8. | 8. | | 0.0 | 3.0 | 0.4 |
| MAXIMUM | | | | | | | | | 400.00 | 900. | 112. | 136. | | 20.0 | 17.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | 88.19 | 244.* | 13.* D | 20.* D | | 8.0 | 7.3 | 0.8 |
| MINIMUM | | | | | | | | | 5.40 | 60. | 2. | 4. | | 0.0 | 3.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 | 76 | 0830 | | | .3 | | 0.026 | 0.007 | 0.020 | 0.550 | 0.004 | 0.090 | 274.0 | 3.0 | | |
| 02 02 | 76 | 0800 | | | .3 | | 0.033 | 0.005 | 0.030 | 0.530 | 0.024 | 0.700 | 281.0 | 9.8 | | |
| 01 03 | 76 | 0810 | | | .3 | | 0.039 | 0.018 | 0.026 | 0.380 | 0.006 | 0.564 | 174.0 | 2.0 | | 172 |
| 05 04 | 76 | 0730 | | | .3 | | 0.015 | 0.004 | | 0.350 | 0.003 | 0.077 | | 1.5 | | 185 |
| 03 05 | 76 | 0800 | | | .3 | | 0.029 | 0.011 | 0.002L | 0.420 | 0.002 | 0.005L | | 1.8 | | 250 |
| 08 06 | 76 | 0800 | | | .3 | | | | | | | | | | | |
| 12 07 | 76 | 0800 | | | .3 | | 0.108 | 0.025 | 0.020 | 1.040 | 0.002 | 0.008 | 287.0 | 6.1 | | |
| 03 08 | 76 | 0800 | | | .3 | | | | | | | | 288.0 | 8.0 | 280 | |
| 31 08 | 76 | 0830 | | | .3 | | 0.070 | 0.016 | 0.024 | 0.580 | 0.002 | 0.005L | 320.0 | 7.1 | | |
| 05 10 | 76 | 0745 | | | .3 | | 0.044 | 0.011 | 0.002L | 0.740 | 0.002 | 0.008 | 355.0 | 4.7 | | |
| 02 11 | 76 | 0800 | | | .3 | | 0.026 | 0.011 | 0.006 | 0.470 | 0.002 | 0.008 | 309.0 | 3.8 | | |
| 06 12 | 76 | 0900 | | | .3 | | 0.060 | 0.016 | 0.008 | 0.480 | 0.001 | 0.009 | 317.0 | 9.2 | | |
| MAXIMUM | | | | | | | 0.108 | 0.025 | 0.030 | 1.040 | 0.024 | 0.700 | 355.0 | 9.8 | 280 | 250 |
| AVG OR GEOM MN (*) | | | | | | | 0.045 | 0.012 | 0.015D | 0.554 | 0.005 | 0.147D | 289.4 | 5.2 | 280 | 202 |
| MINIMUM | | | | | | | 0.015 | 0.004 | 0.002 | 0.350 | 0.001 | 0.005 | 174.0 | 1.5 | 280 | 172 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 9 | 10 | 10 | 10 | 9 | 11 | 1 | 3 |
| SAMP DY | DTE MO | HR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 | 76 | 0830 | | | .3 | | 445 | 1.50 | 16.5 | | | | | | | |
| 02 02 | 76 | 0800 | | | .3 | | 435 | 4.10 | 23.0 | | | | | | | |
| 01 03 | 76 | 0810 | | | .3 | | 265 | 2.70 | 8.9 | | | | | | | |
| 05 04 | 76 | 0730 | | | .3 | | 285 | 1.30 | 9.6 | | | | | | | |
| 03 05 | 76 | 0800 | | | .3 | | 385 | 1.30 | 14.0 | | | | | | | |
| 08 06 | 76 | 0800 | | | .3 | | 486 | 2.00 | | | | | | | | |
| 12 07 | 76 | 0800 | | | .3 | | 430 | 2.60 | 15.5 | | | | | | | |
| 03 08 | 76 | 0800 | | | .3 | | 433 | 3.30 | | | | | | | | |
| 31 08 | 76 | 0830 | | | .3 | | 480 | 2.80 | 28.5 | | | | | | | |
| 05 10 | 76 | 0745 | | | .3 | | 570 | 2.50 | 45.0 | | | | | | | |
| 02 11 | 76 | 0800 | | | .3 | | 520 | 2.00 | 30.0 | | | | | | | |
| 06 12 | 76 | 0900 | | | .3 | | 520 | 2.50 | 25.0 | | | | | | | |
| MAXIMUM | | | | | | | 570 | 4.10 | 45.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 438 | 2.38 | 21.6 | | | | | | | |
| MINIMUM | | | | | | | 265 | 1.30 | 8.9 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 10 | | | | | | | |

B.O.W. / SITE: GOULAIS RIVER
 SAMPLE POINT: AT BRIDGE GOULAIS RIVER
 STATION TYPE: RIVER

STATION ID: 07-0009-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE SUPERIOR
 TERM STREAM: GOULAIS RIVER

STORET CODE: 02
 001
 0090

| STN NO | 3 | LAT | LONG | U.T.M. 16 0700025.0 5177600.0 4 | REGION 05 | MILEAGE | 7.60 | | | | | | | | | |
|--------------------|--------|------|----------|---------------------------------|------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 18 01 | 76 | 1000 | | | .3 | | 16012 | | | 26. | 2. | 0. | | 0.0 | 12.0 | 1.0 |
| 14 03 | 76 | 1000 | | | .3 | | 16030 | | | 42. | 0. | 4. | | 0.0 | 12.0 | |
| 04 04 | 76 | 1200 | | | .3 | | 16048 | | | 124. | 2. | 16. | | 0.0 | 13.0 | 1.4 |
| 24 05 | 76 | 0915 | | | .3 | | 16062 | | | 10. | 8. | | | 12.0 | 10.0 | 0.4 |
| 27 06 | 76 | 1030 | | | .3 | | 16079 | | | | | | | 20.0 | 9.0 | 0.6 |
| 05 08 | 76 | 1030 | | | .3 | | 16100 | | | 600. | 220. | | | 18.0 | 9.0 | 0.4 |
| 12 09 | 76 | 1100 | | | .3 | | 16121 | | | 44. | 10. | 40. | | 16.0 | 9.0 | 0.2 |
| 24 10 | 76 | 1505 | | | .3 | | 16142 | | | 8. | 0. | 14. | | 3.0 | 13.0 | 0.7 |
| 13 11 | 76 | 1000 | | | .3 | | 16163 | | | 8. | 2. L | 4. | | 0.0 | 14.0 | 0.9 |
| 19 12 | 76 | 1135 | | | .3 | | 16203 | | | 4. | 0. | | | 0.0 | | |
| MAXIMUM | | | | | | | | | | 600. | 220. | 40. | | 20.0 | 14.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 28.* | 4.* D | 7.* | | 6.9 | 11.2 | 0.7 |
| MINIMUM | | | | | | | | | | 4. | 0. | 0. | | 0.0 | 9.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 299 | 9 | 6 | | 10 | 9 | 8 |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1000 | | | .3 | | 0.029 | 0.012 | 0.010L | 0.270 | 0.002 | 0.350 | 41.0 | 2.0 | | 39 |
| 14 | 03 | 76 | 1000 | | | .3 | | 0.006 | 0.001L | 0.020 | 0.260 | 0.003 | 0.412 | | | | |
| 04 | 04 | 76 | 1200 | | | .3 | | 0.050 | 0.004 | 0.026 | 0.300 | 0.005 | 0.445 | | | | |
| 24 | 05 | 76 | 0915 | | | .3 | | 0.018 | 0.001 | 0.016 | 0.300 | 0.004 | 0.121 | 45.0 | 16.0 | | 29 |
| 27 | 06 | 76 | 1030 | | | .3 | | 0.018 | 0.004 | 0.004 | 0.250 | 0.002 | 0.098 | 45.0 | 3.3 | | 42 |
| 05 | 08 | 76 | 1030 | | | .3 | | 0.009 | 0.002 | 0.024 | 0.210 | 0.003 | 0.142 | 71.0 | 8.5 | | 62 |
| 12 | 09 | 76 | 1100 | | | .3 | | 0.010 | 0.003 | 0.018 | 0.230 | 0.002 | 0.118 | 70.0 | 5.1 | | 65 |
| 24 | 10 | 76 | 1505 | | | .3 | | 0.005 | 0.002 | 0.012 | 0.160 | 0.002 | 0.138 | 63.0 | 3.7 | | 59 |
| 13 | 11 | 76 | 1000 | | | .3 | | 0.005 | 0.005 | 0.010 | 0.150 | 0.002 | 0.198 | 65.0 | 5.6 | | 59 |
| 19 | 12 | 76 | 1135 | | | .3 | | 0.003 | 0.001 | 0.010 | 0.150 | 0.001 | 0.194 | 54. | 1.8 | | 52 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--------|-------|-------|-------|------|------|--|----|
| MAXIMUM | | | | | | | | 0.050 | 0.012 | 0.026 | 0.300 | 0.005 | 0.445 | 71.0 | 16.0 | | 65 |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.004D | 0.015D | 0.228 | 0.003 | 0.222 | 56.8 | 5.8 | | 51 |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.004 | 0.150 | 0.001 | 0.098 | 41.0 | 1.8 | | 29 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1000 | | | .3 | | 62 | 1.20 | 1.3 | | 3.90 | | | 6.80 | | |
| 14 | 03 | 76 | 1000 | | | .3 | | | | 1.9 | 10.5 | 4.80 | | | | 0.34 | |
| 04 | 04 | 76 | 1200 | | | .3 | | 45 | 13.00 | 1.0 | | | | | | | |
| 24 | 05 | 76 | 0915 | | | .3 | | 47 | 3.60 | 1.0 | 7.0 | 2.20 | | | 7.18 | | 0.230 |
| 27 | 06 | 76 | 1030 | | | .3 | | 64 | 2.70 | 1.3 | 7.0 | 2.55 | | | 7.51 | | 0.260 |
| 05 | 08 | 76 | 1030 | | | .3 | | 95 | 4.80 | 2.4 | 6.5 | 3.55 | | | 6.88 | | 0.530 |
| 12 | 09 | 76 | 1100 | | | .3 | | 100 | 3.60 | 2.3 | 7.0 | 4.05 | | | 7.45 | | 0.500 |
| 24 | 10 | 76 | 1505 | | | .3 | | 90 | 2.40 | 2.2 | | | | | 7.41 | | 0.310 |
| 13 | 11 | 76 | 1000 | | | .3 | | 88 | 1.80 | 2.1 | 8.5 | 4.30 | | | 7.55 | | 0.350 |
| 19 | 12 | 76 | 1135 | | | .3 | | 78 | 0.8 | 1.6 | 8. | 3.85 | | | 7.11 | | 0.17 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|-----|------|------|--|--|------|------|-------|
| MAXIMUM | | | | | | | | 100 | 13.00 | 2.4 | 10.5 | 4.80 | | | 7.55 | 0.34 | 0.530 |
| AVG OR GEOM MN (*) | | | | | | | | 74 | 3.77 | 1.7 | 7.8 | 3.65 | | | 7.24 | 0.34 | 0.336 |
| MINIMUM | | | | | | | | 45 | 0.8 | 1.0 | 6.5 | 2.20 | | | 6.80 | 0.34 | 0.17 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | 7 | 8 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 18 | 01 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 14 | 03 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 04 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 0915 | | | .3 | | 1.0L | | | | | | | 6 | | |
| 27 | 06 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | 4 | 18 | |
| 05 | 08 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | 4 | | |
| 12 | 09 | 76 | 1100 | | | .3 | | 1.0 | | | | | | | 6 | | |
| 24 | 10 | 76 | 1505 | | | .3 | | 1.0 | | | | | | | 2 | | |
| 13 | 11 | 76 | 1000 | | | .3 | | 1.0 | | | | | | | 5 | | |
| 19 | 12 | 76 | 1135 | | | .3 | | 1. | | | | | | | 7 | 30 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|---|----|--|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | 7 | 30 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | 5 | 24 | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 2 | 18 | |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 7 | 2 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1000 | | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--------|--|--------|--------|--------|--------|--------|--|--------|
| MAXIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.020D | | 0.010D | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W. / SITE: STOKLEY CREEK
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 07-0020-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: STOKLEY CREEK

STORET CODE: 02
001
0180

| STN NO | 2 | LAT | LONG | U.T.M. | 16 0697700.0 5187700.0 4 | REGION 05 | MILEAGE | 0.10 |
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 18 | 01 | 76 | 1040 | | | .3 | | 16013 | | | 28. | 6. | 8. | | 0.0 | 12.0 | 1.6 |
| 14 | 03 | 76 | 1100 | | | .3 | | 16031 | | | 34. | 8. | 2. | | 0.0 | 12.0 | |
| 04 | 04 | 76 | 1250 | | | .3 | | 16049 | | | 114. | 8. | 8. | | 0.0 | 13.0 | 1.2 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|------|-----|-----|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 114. | 8. | 8. | | 0.00 | 13.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 48.* | 7.* | 5.* | | 0.0 | 12.3 | 1.4 |
| MINIMUM | | | | | | | | | | | 28. | 6. | 2. | | 0.0 | 12.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 2 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 01 76 1040 | | | .3 | | 0.009 | 0.001 | 0.250 | 0.610 | 0.005 | 1.400 | 89.0 | 1.0 | | 88 |
| 14 03 76 1100 | | | .3 | | 0.015 | 0.006 | 0.002L | 0.220 | 0.002 | 0.513 | | | | |
| 04 04 76 1250 | | | .3 | | 0.034 | 0.008 | 0.042 | 0.320 | 0.008 | 0.702 | | | | |
| MAXIMUM | | | | | 0.034 | 0.008 | 0.250 | 0.610 | 0.008 | 1.400 | 89.0 | 1.0 | | 88 |
| AVG OR GEOM MN (*) | | | | | 0.019 | 0.005 | 0.098D | 0.383 | 0.005 | 0.872 | 89.0 | 1.0 | | 88 |
| MINIMUM | | | | | 0.009 | 0.001 | 0.002 | 0.220 | 0.002 | 0.513 | 89.0 | 1.0 | | 88 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | | 1 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 18 01 76 1040 | | | .3 | | 135 | 1.20 | 3.6 | | 6.50 | | | 7.20 | | |
| 14 03 76 1100 | | | .3 | | | | 4.9 | 9.0 | 5.00 | | | | 0.50 | |
| 04 04 76 1250 | | | .3 | | 60 | 22.00 | 2.9 | | | | | | | |
| MAXIMUM | | | | | 135 | 22.00 | 4.9 | 9.0 | 6.50 | | | 7.20 | 0.50 | |
| AVG OR GEOM MN (*) | | | | | 98 | 11.60 | 3.8 | 9.0 | 5.75 | | | 7.20 | 0.50 | |
| MINIMUM | | | | | 60 | 1.20 | 2.9 | 9.0 | 5.00 | | | 7.20 | 0.50 | |
| NO OF SAMPLES | | | | | 2 | 2 | 3 | 1 | 2 | | | 1 | 1 | |

B.O.W./ SITE: HARMONY RIVER
SAMPLE POINT: HIGHWAY 17 CHIPPEWA FALLS
STATION TYPE: RIVER

STATION ID: 07-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: HARMONY RIVER

STORET CODE: 02
001
0260

| STN NO | 1 | LAT | LONG | U.T.M. 16 0695950.0 5200375.0 4 | | | | | | | REGION 05 | MILEAGE | 0.50 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|----------|-----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BCD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 18 01 76 1120 | | | .3 | | 16014 | | | 32. | 0. | 4. | | 0.0 | 13.0 | 1.6 |
| 14 03 76 1135 | | | .3 | | 16032 | | | 18. | 0. | 2. | | 0.0 | 13.0 | |
| 04 04 76 1345 | | | .3 | | 16050 | | | 100. | 2. | 4. | | 0.0 | 13.0 | 1.0 |
| 24 05 76 1000 | | | .3 | | 16063 | | | 16. | 4. | | | 12.0 | 11.0 | 0.4 |
| 27 06 76 1100 | | | .3 | | 16080 | | | | | | | 18.0 | 10.0 | 0.4 |
| 05 08 76 1140 | | | .3 | | 16101 | | | 48. | 36. | | | 19.0 | 10.0 | 0.4 |
| 12 09 76 1200 | | | .3 | | 16122 | | | 4. | 4. | 182. | | 13.0 | 11.0 | 0.4 |
| 24 10 76 1535 | | | .3 | | 16143 | | | 0. | 0. | 14. | | 2.0 | 13.0 | 0.8 |
| 13 11 76 1100 | | | .3 | | 16164 | | | 6. | 2. | 2. | L | 0.0 | 14.0 | 0.4 |
| 19 12 76 1215 | | | .3 | | 16204 | | | 2. | 0. | | | 0.0 | | |
| MAXIMUM | | | | | | | | 100. | 36. | 182. | | 19.0 | 14.0 | 1.6 |
| AVG OR GEOM MN (°) | | | | | | | | 11.* | 2.* | 7.* | D | 6.4 | 12.0 | 0.7 |
| MINIMUM | | | | | | | | 0. | 0. | 2. | | 0.0 | 10.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 6 | | 10 | 9 | 8 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 01 76 1120 | | | .3 | | 0.015 | 0.001L | 0.010L | 0.310 | 0.002 | 0.390 | 59.0 | 17.0 | | 42 |
| 14 03 76 1135 | | | .3 | | 0.178 | 0.001 | | 0.240 | 0.002 | 0.313 | | | | |
| 04 04 76 1345 | | | .3 | | 0.036 | 0.001 | 0.026 | 0.320 | 0.004 | 0.421 | | | | |
| 24 05 76 1000 | | | .3 | | 0.008 | 0.001 | 0.014 | 0.180 | 0.004 | 0.126 | 37.0 | 4.0 | | 33 |
| 27 06 76 1100 | | | .3 | | 0.009 | 0.001 | 0.002 | 0.260 | 0.002 | 0.138 | 40.0 | 1.4 | | 39 |
| 05 08 76 1140 | | | .3 | | 0.004 | 0.001L | 0.008 | 0.180 | 0.002 | 0.178 | 51.0 | 1.8 | | 49 |
| 12 09 76 1200 | | | .3 | | 0.014 | 0.002 | 0.004 | 0.200 | 0.002 | 0.158 | 57.0 | 2.0 | | 55 |
| 24 10 76 1535 | | | .3 | | 0.004 | 0.001L | 0.010 | 0.130 | 0.002 | 0.218 | 53.0 | 1.4 | | 52 |
| 13 11 76 1100 | | | .3 | | 0.002 | 0.002 | 0.008 | 0.090 | 0.002 | 0.293 | 53.0 | 1.1 | | 52 |
| 19 12 76 1215 | | | .3 | | 0.001 | 0.001 | 0.002 | 0.140 | 0.001 | 0.244 | 47. | 1.2 | | 46 |
| MAXIMUM | | | | | 0.178 | 0.002 | 0.026 | 0.320 | 0.004 | 0.421 | 59.0 | 17.0 | | 55 |
| AVG OR GEOM MN (*) | | | | | 0.027 | 0.001D | 0.009D | 0.205 | 0.002 | 0.248 | 49.6 | 3.7 | | 46 |
| MINIMUM | | | | | 0.001 | 0.001 | 0.002 | 0.090 | 0.001 | 0.126 | 37.0 | 1.1 | | 33 |
| NO OF SAMPLES | | | | | 10 | 10 | 9 | 10 | 10 | 10 | 8 | 8 | | 8 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 18 01 76 1120 | | | .3 | | 66 | 2.40 | 0.8 | | 3.20 | | | 6.90 | | |
| 14 03 76 1135 | | | .3 | | | | 0.9 | 7.5 | 3.00 | | | | 0.14 | |
| 04 04 76 1345 | | | .3 | | 45 | 11.00 | 0.7 | | | | | | | |
| 24 05 76 1000 | | | .3 | | 50 | 1.20 | 0.6 | 6.5 | 1.85 | | | | | 0.140 |
| 27 06 76 1100 | | | .3 | | 59 | 1.50 | 0.8 | 6.5 | 2.10 | | | 7.78 | | 0.140 |
| 05 08 76 1140 | | | .3 | | 76 | 1.00 | 1.1 | 5.5 | 3.05 | | | 7.65 | | 0.180 |
| 12 09 76 1200 | | | .3 | | 87 | 1.20 | 1.6 | 6.5 | 3.95 | | | 7.85 | | 0.210 |
| 24 10 76 1535 | | | .3 | | 78 | 1.20 | 1.2 | 7.5 | 3.90 | | | 7.40 | | 0.170 |
| 13 11 76 1100 | | | .3 | | 80 | 1.60 | 1.2 | 9.0 | 3.90 | | | 7.62 | | 0.160 |
| 19 12 76 1215 | | | .3 | | 70 | 0.8 | 0.7 | 8. | 3.05 | | | 7.13 | | 0.09 |
| MAXIMUM | | | | | 87 | 11.00 | 1.6 | 9.0 | 3.95 | | | 7.85 | 0.14 | 0.210 |
| AVG OR GEOM MN (*) | | | | | 68 | 2.43 | 1.0 | 7.1 | 3.11 | | | 7.45 | 0.14 | 0.156 |
| MINIMUM | | | | | 45 | 0.8 | 0.6 | 5.5 | 1.85 | | | 6.90 | 0.14 | 0.09 |
| NO OF SAMPLES | | | | | 9 | 9 | 10 | 8 | 9 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 18 | 01 | 76 | 1120 | | .3 | | 1.0L | | | | | | | | | |
| 14 | 03 | 76 | 1135 | | .3 | | | | | | | | | | | |
| 04 | 04 | 76 | 1345 | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 1000 | | .3 | | 1.0L | | | | | | | 6 | | |
| 27 | 06 | 76 | 1100 | | .3 | | 1.0L | | | | | | | 4 | 18 | |
| 05 | 08 | 76 | 1140 | | .3 | | 1.0L | | | | | | | 2 | | |
| 12 | 09 | 76 | 1200 | | .3 | | 1.0 | | | | | | | 4 | | |
| 24 | 10 | 76 | 1535 | | .3 | | 1.0L | | | | | | | 2 | | |
| 13 | 11 | 76 | 1100 | | .3 | | 5.0 | | | | | | | 7 | | |
| 19 | 12 | 76 | 1215 | | .3 | | 1. | | | | | | | 6 | 30 | |

MAXIMUM 5.0
 AVG OR GEOM MN (*) 1.5D
 MINIMUM 1.0
 NO OF SAMPLES 8

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1100 | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| | | | | | | | MAXIMUM 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | | | | | AVG OR GEOM MN (*) 0.001D | 0.020D | | 0.010D | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| | | | | | | | MINIMUM 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | | | | | NO OF SAMPLES 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W. / SITE: BATCHAWANA RIVER
 SAMPLE POINT: AT HIGHWAY 17
 STATION TYPE: RIVER FLOW GAUGE FED 028F001

STATION ID: 07-0031-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE SUPERIOR
 TERM STREAM: BATCHAWANA RIVER

STORET CODE: 02
 001
 0280

| STN NO | 1 | LAT | LONG | U.T.M. 16 0688150.0 5200500.0 4 | | | | | | | | REGION 05 | | MILEAGE | 0.20 |
|------------|-----------|------------|---------------------|---------------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 61 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 18 | 01 | 76 | 1200 | .3 | | 16015 | | 230.00 | 6. | | 10. | | 0.0 | 12.0 | 1.2 |
| 14 | 03 | 76 | 1215 | .3 | | 16033 | | 131.00 | 2. | 0. | 0. | | 0.0 | 12.0 | |
| 04 | 04 | 76 | 1455 | .3 | | 16051 | | 3010.00 | 100. | 12. | 6. | | 0.0 | 13.0 | 1.0 |
| 24 | 05 | 76 | 1020 | .3 | | 16064 | | 1090.00 | 16. | 2. | | | 11.0 | 10.0 | 0.6 |
| 27 | 06 | 76 | 1130 | .3 | | 16081 | | 480.00 | | | | | 18.0 | 8.0 | 0.6 |
| 05 | 08 | 76 | 1215 | .3 | | 16102 | | 88.00 | 30. | 10. | | | 20.0 | 9.0 | 0.4 |
| 12 | 09 | 76 | 1225 | .3 | | 16123 | | 56.60 | 16. | 4. | 28. | | 16.0 | 9.0 | 0.4 |
| 24 | 10 | 76 | 1550 | .3 | | 16144 | | 121.00 | 4. | 0. | 10. | | 3.0 | 12.0 | 0.8 |
| 13 | 11 | 76 | 1200 | .3 | | 16165 | | 154.00 | 4. | 2. | 2. L | | 0.0 | 13.0 | 0.6 |
| 19 | 12 | 76 | 1245 | .3 | | 16205 | | 87.50 | 6. | 6. | | | 0.0 | | |

MAXIMUM 3010.00 100. 12. 28.
 AVG OR GEOM MN (*) 544.81 10.* 3.* 6.* D
 MINIMUM 56.60 2. 0. 0.
 NO OF SAMPLES 10 9 8 6 10 9 8

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1200 | .3 | | | 0.016 | 0.001L | 0.010L | 0.310 | 0.003 | 0.470 | 44.0 | 2.0 | | 42 |
| 14 | 03 | 76 | 1215 | .3 | | | 0.008 | 0.001 | | 0.320 | 0.002 | 0.453 | | | | |
| 04 | 04 | 76 | 1455 | .3 | | | 0.012 | 0.001L | 0.044 | 0.300 | 0.004 | 0.461 | | | | |
| 24 | 05 | 76 | 1020 | .3 | | | 0.009 | 0.001 | 0.016 | 0.280 | 0.003 | 0.163 | 30.0 | 1.0L | | 29 |
| 27 | 06 | 76 | 1130 | .3 | | | 0.017 | 0.001 | 0.006 | 0.340 | 0.003 | 0.177 | 37.0 | 0.9 | | 36 |
| 05 | 08 | 76 | 1215 | .3 | | | 0.003 | 0.001L | 0.018 | 0.300 | 0.002 | 0.188 | 50.0 | 1.0 | | 49 |
| 12 | 09 | 76 | 1225 | .3 | | | 0.039 | 0.027 | 0.010 | 0.210 | 0.002 | 0.273 | 50.0 | 1.1 | | 49 |
| 24 | 10 | 76 | 1550 | .3 | | | 0.008 | 0.006 | 0.018 | 0.180 | 0.002 | 0.248 | 54.0 | 1.8 | | 52 |
| 13 | 11 | 76 | 1200 | .3 | | | 0.004 | 0.001 | 0.006 | 0.450 | 0.003 | 0.303 | 53.0 | 1.1 | | 52 |
| 19 | 12 | 76 | 1245 | .3 | | | 0.007 | 0.001 | 0.018 | 0.160 | 0.001 | 0.299 | 50. | 1.0 | | 49 |
| | | | | | | | MAXIMUM 0.039 | 0.027 | 0.044 | 0.450 | 0.004 | 0.470 | 54.0 | 2.0 | | 52 |
| | | | | | | | AVG OR GEOM MN (*) 0.012 | 0.004D | 0.016D | 0.285 | 0.003 | 0.304 | 46.0 | 1.2D | | 45 |
| | | | | | | | MINIMUM 0.003 | 0.001 | 0.006 | 0.160 | 0.001 | 0.163 | 30.0 | 0.9 | | 29 |
| | | | | | | | NO OF SAMPLES 10 | 10 | 9 | 10 | 10 | 10 | 8 | 8 | | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 209 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1200 | | | .3 | | 63 | 0.95 | 0.7 | | 3.80 | | | 6.70 | | |
| 14 | 03 | 76 | 1215 | | | .3 | | | | 0.8 | 8.0 | 3.80 | | | | 0.18 | |
| 04 | 04 | 76 | 1455 | | | .3 | | 40 | 2.20 | 0.7 | | | | | | | 0.070 |
| 24 | 05 | 76 | 1020 | | | .3 | | 47 | 0.70 | 0.6 | 7.0 | 1.95 | | | 7.19 | | 0.130 |
| 27 | 06 | 76 | 1130 | | | .3 | | 55 | 0.75 | 0.6 | 7.0 | 2.20 | | | 7.47 | | 0.130 |
| 05 | 08 | 76 | 1215 | | | .3 | | 73 | 0.90 | 0.8 | 5.5 | 2.40 | | | 7.82 | | 0.120 |
| 12 | 09 | 76 | 1225 | | | .3 | | 75 | 1.20 | 0.9 | 6.5 | 3.35 | | | 7.75 | | 0.190 |
| 24 | 10 | 76 | 1550 | | | .3 | | 82 | 1.00 | 1.0 | 7.0 | 3.30 | | | 7.12 | | 0.140 |
| 13 | 11 | 76 | 1200 | | | .3 | | 80 | 1.60 | 0.9 | 8.5 | 3.55 | | | 7.36 | | 0.14 |
| 19 | 12 | 76 | 1245 | | | .3 | | 76 | 0.6 | 1.0 | 7.5 | 3.40 | | | 7.10 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|-----|------|--|--|------|------|-------|
| MAXIMUM | | | | | | | | 82 | 2.20 | 1.0 | 8.5 | 3.80 | | | 7.82 | 0.18 | 0.190 |
| AVG OR GEOM MN (*) | | | | | | | | 66 | 1.10 | 0.8 | 7.1 | 3.08 | | | 7.31 | 0.18 | 0.131 |
| MINIMUM | | | | | | | | 40 | 0.6 | 0.6 | 5.5 | 1.95 | | | 6.70 | 0.18 | 0.070 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | 8 | 9 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 | 01 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 14 | 03 | 76 | 1215 | | | .3 | | | | | | | | | | | |
| 04 | 04 | 76 | 1455 | | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 1020 | | | .3 | | 1.0L | | | | | | | 7 | | |
| 27 | 06 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | 6 | | 18 |
| 05 | 08 | 76 | 1215 | | | .3 | | 1.0L | | | | | | | 5 | | |
| 12 | 09 | 76 | 1225 | | | .3 | | 1.0L | | | | | | | 3 | | |
| 24 | 10 | 76 | 1550 | | | .3 | | 2.0 | | | | | | | 8 | | |
| 13 | 11 | 76 | 1200 | | | .3 | | 1.0 | | | | | | | 5 | | |
| 19 | 12 | 76 | 1245 | | | .3 | | 1. | | | | | | | 6 | | 32 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|---|--|----|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 8 | | 32 |
| AVG OR GEOM MN (*) | | | | | | | | 1.10 | | | | | | | 6 | | 25 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 3 | | 18 |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 7 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 11 | 76 | 1200 | | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.020D | | 0.010D | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W. / SITE: PANCAKE RIVER
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 07-0032-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE SUPERIOR
TERM STREAM: PANCAKE RIVER

STORET CODE: 02
001
0300

| STN NO | 1 | LAT | LONG | U.T.M. 16 0677600.0 5203175.0 4 | | | | | | | | | | REGION 05 | MILEAGE | 0.60 |
|--------------------|------|------|------|---------------------------------|----|--------|----------|----------|----------|----------|----------|----------|--------|-----------|----------|------|
| SAMP DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP | 02 | BOD | |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | |
| 18 01 76 | 1230 | | | .3 | | 16016 | | | 24. | 2. | 10. | | 0.0 | 12.0 | 1.2 | |
| 14 03 76 | 1300 | | | .3 | | 16034 | | | 70. | 52. | 0. | | 0.0 | 12.0 | | |
| 04 04 76 | 1530 | | | .3 | | 16052 | | | 68. | 2. | 4. | | 0.0 | 13.0 | 0.6 | |
| MAXIMUM | | | | | | | | | 70. | 52. | 10. | | 0.00 | 13.0 | 1.2 | |
| AVG OR GEOM MN (-) | | | | | | | | | 49.* | 6.* | 3.* | | 0.0 | 12.3 | 0.9 | |
| MINIMUM | | | | | | | | | 24. | 2. | 0. | | 0.0 | 12.0 | 0.6 | |
| NO OF SAMPLES | | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 2 | |
| SAMP DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 | |
| DY MO YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL | |
| | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS | |
| | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | |
| 18 01 76 | 1230 | | | .3 | | 0.009 | 0.001L | 0.030 | 0.290 | 0.003 | 0.330 | 38.0 | 2.0 | | 36 | |
| 14 03 76 | 1300 | | | .3 | | 0.004 | 0.004 | | 0.200 | 0.002 | 0.303 | | | | | |
| 04 04 76 | 1530 | | | .3 | | 0.058 | 0.003 | 0.020 | 0.440 | 0.005 | 0.465 | | | | | |
| MAXIMUM | | | | | | 0.058 | 0.004 | 0.030 | 0.440 | 0.005 | 0.465 | 38.0 | 2.0 | | 36 | |
| AVG OR GEOM MN (-) | | | | | | 0.024 | 0.003D | 0.025 | 0.310 | 0.003 | 0.366 | 38.0 | 2.0 | | 36 | |
| MINIMUM | | | | | | 0.004 | 0.001 | 0.020 | 0.200 | 0.002 | 0.303 | 38.0 | 2.0 | | 36 | |
| NO OF SAMPLES | | | | | | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 1 | | 1 | |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1230 | | | .3 | | 55 | 2.00 | 1.3 | | 2.80 | | | 6.80 | | |
| 14 | 03 | 76 | 1300 | | | .3 | | | | 1.4 | 7.0 | 2.75 | | | | 0.18 | |
| 04 | 04 | 76 | 1530 | | | .3 | | 50 | 17.00 | 2.0 | | | | | | | |
| MAXIMUM | | | | | | | | 55 | 17.00 | 2.0 | 7.0 | 2.80 | | | 6.80 | 0.18 | |
| AVG OR GEOM MN (-) | | | | | | | | 53 | 9.50 | 1.6 | 7.0 | 2.78 | | | 6.80 | 0.18 | |
| MINIMUM | | | | | | | | 50 | 2.00 | 1.3 | 7.0 | 2.75 | | | 6.80 | 0.18 | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 3 | 1 | 2 | | | 1 | 1 | |

B.O.W./ SITE: HICKORY CREEK
SAMPLE POINT: AT PLYMPTON TWP ROAD NO 14 DOWNSTREAM FROM FOREST
STATION TYPE: RIVER

STATION ID: 08-0010-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: HICKORY CREEK

STORET CODE: 02
002
0100

STN NO 1 LAT LONG U.T.M. 17 0416010.0 4772325.0 4 REGION 01 MILEAGE 5.30

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 01 | 76 | 1155 | | | .3 | | 21019 | 4 | | 12000. | 120. | 170. | 0. | 0.3 | 12.8 | 2.0 |
| 17 | 02 | 76 | 1100 | | | .3 | | 21055 | 4 | | 63000. | 230. | 5100. | 12. | 1.0 | 10.4 | 2.2 |
| 17 | 03 | 76 | 1250 | | | .3 | | 21115 | 6 | | 3400. | 60. | 1200. | 4. | 0.2 | 14.3 | 0.7 |
| 03 | 05 | 76 | 1425 | | | .3 | | 21157 | 6 | | 19000. | 160. | 520. | 8. | 10.0 | 11.6 | 1.2 |
| 26 | 05 | 76 | 1208 | | | .3 | | 21205 | 6 | | 1480. | 610. | 130. | 4. | 17.0 | 11.0 | 1.6 |
| 17 | 06 | 76 | 1209 | | | .3 | | 21275 | 6 | | 2900. | 2900. | 80. | 4. | 19.9 | 7.2 | 3.8 |
| 21 | 07 | 76 | 1217 | | | .3 | | 21324 | 6 | | 13000. | 1300. | 800. | 188. | 23.1 | 10.6 | 3.5 |
| 12 | 08 | 76 | 1155 | | | .3 | | 21375 | 6 | | 1100. | 500. | 110. | 44. | 22.0 | 7.2 | |
| 29 | 09 | 76 | 1200 | | | .3 | | 21414 | 6 | | 7000. | 510. | 56. | 4. | 14.0 | 12.2 | 2.4 |
| 20 | 10 | 76 | 1215 | | | .3 | | 21474 | 6 | | 2600. | 250. | 760. | 4. | 7.1 | 15.0 | 2.5 |
| 11 | 11 | 76 | 1125 | | | .3 | | 21505 | 4 | | 14000. | 190. | 210. | 4. | 1.4 | 19.9 | 1.5 |
| 01 | 12 | 76 | 1445 | | | .3 | | 21553 | 4 | | 21000. | 310. | 760. | 4. | 0.8 | | 1.4 |
| MAXIMUM | | | | | | | | | | | 63000. | 2900. | 5100. | 188. | 23.1 | 19.9 | 3.8 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 7087. | 339. | 350. | 7. | 9.7 | 12.0 | 2.1 |
| MINIMUM | | | | | | | | | | | 1100. | 60. | 56. | 0. | 0.2 | 7.2 | 0.7 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 12 | 12 | 12 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 01 | 76 | 1155 | | | .3 | | 0.055 | 0.032 | 0.080 | 0.500 | 0.028 | 4.000 | | | | |
| 17 | 02 | 76 | 1100 | | | .3 | | 0.250 | 0.183 | 0.235 | 1.290 | 0.039 | 5.100 | | | | |
| 17 | 03 | 76 | 1250 | | | .3 | | 0.120 | 0.101 | 0.155 | 0.465 | 0.027 | 4.800 | | | | |
| 03 | 05 | 76 | 1425 | | | .3 | | 0.087 | 0.067 | 0.125 | 0.755 | 0.046 | 5.600 | | | | |
| 26 | 05 | 76 | 1208 | | | .3 | | 0.120 | 0.031 | 0.045 | 0.730 | 0.075 | 3.720 | | | | |
| 17 | 06 | 76 | 1209 | | | .3 | | 0.169 | 0.091 | 0.060 | 0.900 | 0.088 | 0.350 | | | | |
| 21 | 07 | 76 | 1217 | | | .3 | | 0.128 | 0.052 | 0.030 | 0.950 | 0.187 | 3.120 | | | | |
| 12 | 08 | 76 | 1155 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1200 | | | .3 | | 0.200 | 0.076 | 0.025 | 1.160 | 0.035 | 1.390 | | | | |
| 20 | 10 | 76 | 1215 | | | .3 | | 0.175 | 0.117 | 0.150 | 0.870 | 0.048 | 1.720 | | | | |
| 11 | 11 | 76 | 1125 | | | .3 | | 0.057 | 0.034 | 0.005 | 0.555 | 0.017 | 1.230 | | | | |
| 01 | 12 | 76 | 1445 | | | .3 | | 0.079 | 0.025 | 0.020 | 0.810 | 0.038 | 7.000 | | | | |
| MAXIMUM | | | | | | | | 0.250 | 0.183 | 0.235 | 1.290 | 0.187 | 7.000 | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 0.131 | 0.074 | 0.085 | 0.817 | 0.057 | 3.457 | | | | |
| MINIMUM | | | | | | | | 0.055 | 0.025 | 0.005 | 0.465 | 0.017 | 0.350 | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 01 | 76 | 1155 | | | .3 | | 750 | 12.00 | 28.0 | | | | | | | |
| 17 | 02 | 76 | 1100 | | | .3 | | 350 | 70.00 | 11.0 | | | | | | | |
| 17 | 03 | 76 | 1250 | | | .3 | | 555 | 25.00 | 16.0 | | | | | | | |
| 03 | 05 | 76 | 1425 | | | .3 | | 620 | 22.00 | 19.0 | | | | | | | |
| 26 | 05 | 76 | 1208 | | | .3 | | 600 | 53.00 | 23.5 | | | | | | | |
| 17 | 06 | 76 | 1209 | | | .3 | | 660 | 58.00 | 57.0 | | | | | | | |
| 21 | 07 | 76 | 1217 | | | .3 | | 600 | 53.00 | 28.5 | | | | | | | |
| 29 | 09 | 76 | 1200 | | | .3 | | 860 | 42.00 | 40.0 | | | | | | | |
| 20 | 10 | 76 | 1215 | | | .3 | | 640 | 18.00 | 32.0 | | | | | | | |
| 11 | 11 | 76 | 1125 | | | .3 | | 740 | 5.80 | 40.0 | | | | | | | |
| 01 | 12 | 76 | 1445 | | | .3 | | 860 | 17.00 | 32.5 | | | | | | | |
| MAXIMUM | | | | | | | | 860 | 70.00 | 57.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 640 | 34.16 | 29.8 | | | | | | | |
| MINIMUM | | | | | | | | 350 | 5.80 | 11.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: THE CUT
 SAMPLE POINT: AT HIGHWAY 21
 STATION TYPE: RIVER

STATION ID: 08-0021-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | 1 | LAT | LONG | U.T.M. 17 0429800.0 4785600.0 4 | REGION 01 | MILEAGE | 3.90 | | | | | | | | | |
|---------|--------|---------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 15 | 01 | 76 | 1235 | | .3 | | 23008 | 4 | | 408. | 8. | 32. | 0. | 0.0 | 9.5 | 1.8 |
| 11 | 02 | 76 | 1230 | | .3 | | 23019 | 4 | 6 | 2000. | 92. | 1520. | 4. | L 1.0 | 9.5 | 1.1 |
| 11 | 03 | 76 | 1230 | | .3 | | 23030 | 4 | 6 | 700. | 72. | 1700. | 4. | L 2.0 | 12.0 | 1.2 |
| 14 | 04 | 76 | 1230 | | .3 | | 23041 | 6 | 9 | 40. | 4. | L 12. | 4. | L 12.0 | 12.5 | 2.2 |
| 10 | 05 | 76 | 1245 | | .3 | | 23052 | 3 | | 840. | 32. | 170. | 8. | 14.0 | 9.5 | 3.6 |
| 26 | 05 | 76 | 1137 | | .3 | | 21234 | 6 | | 120. | 20. | 20. | 4. | L 15.2 | 10.4 | 1.1 |
| 08 | 06 | 76 | 1100 | | .3 | | 23063 | 9 | 6 | 80. | 12. | 12. | 4. | L 22.0 | 9.5 | 1.3 |
| 17 | 06 | 76 | 1144 | | .3 | | 21276 | 6 | | 160. | 4. | L 10. | 4. | L 22.0 | 8.2 | 1.4 |
| 14 | 07 | 76 | 1220 | | .3 | | 23074 | 9 | 6 | 2300. | 204. | 840. | 12. | 20.0 | 9.5 | 2.2 |
| 21 | 07 | 76 | 1147 | | .3 | | 21325 | 6 | | 9000. | 56. | 310. | 8. | 23.0 | 7.9 | 1.6 |
| 11 | 08 | 76 | 1240 | | .3 | | 23085 | 0 | 6 | 110. | 20. | 16. | 4. | 29.0 | 9.5 | 1.4 |
| 12 | 08 | 76 | 1126 | | .3 | | 21376 | 6 | | 60. | 4. | 310. | 4. | L 22.0 | 12.4 | 2.3 |
| 14 | 09 | 76 | 1200 | | .3 | | 23096 | 6 | 9 | 70. | 36. | 16. | 4. | L 21.0 | 10.0 | 2.3 |
| 12 | 10 | 76 | 1245 | | .3 | | 23108 | 6 | | 480. | 184. | 40. | 4. | L 12.0 | 12.5 | 1.6 |
| 15 | 11 | 76 | 1255 | | .3 | | 23120 | 6 | | 1760. | 112. | 28. | 4. | L 3.0 | 15.5 | 0.8 |
| 14 | 12 | 76 | 1300 | | .3 | | 23132 | 4 | 6 | 860. | 12. | 8. | 4. | L 0.0 | 14.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | MO | YR | HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|----|----|------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 15 | 01 | 76 | 1235 | | | .3 | | 0.037 | 0.023 | 0.105 | 0.555 | 0.021 | 5.200 | 498.0 | 8.0 | | |
| 11 | 02 | 76 | 1230 | | | .3 | | 0.076 | 0.027 | 0.185 | 0.845 | 0.047 | 6.000 | 490.0 | 26.0 | | |
| 11 | 03 | 76 | 1230 | | | .3 | | 0.083 | 0.043 | 0.055 | 0.595 | 0.023 | 4.500 | 334.0 | 35.5 | | |
| 14 | 04 | 76 | 1230 | | | .3 | | 0.031 | 0.008 | 0.085 | 0.365 | 0.020 | 3.700 | 384.0 | 19.0 | | |
| 10 | 05 | 76 | 1245 | | | .3 | | 0.087 | 0.036 | 0.045 | 0.765 | 0.033 | 6.200 | 406.0 | 38.5 | | |
| 26 | 05 | 76 | 1137 | | | .3 | | 0.034 | 0.009 | 0.025 | 0.565 | 0.036 | 2.280 | 332.0 | 70.5 | 262 | |
| 08 | 06 | 76 | 1100 | | | .3 | | 0.030 | 0.004 | 0.055 | 0.660 | 0.046 | 2.130 | 340.0 | 5.0 | | |
| 17 | 06 | 76 | 1144 | | | .3 | | 0.064 | 0.025 | 0.100 | 0.115 | 0.041 | 1.300 | 372.0 | 29.0 | 343 | |
| 14 | 07 | 76 | 1220 | | | .3 | | 0.208 | 0.152 | 0.130 | 1.030 | 0.285 | 8.600 | 478.0 | 61.0 | | |
| 21 | 07 | 76 | 1147 | | | .3 | | 0.070 | 0.030 | 0.035 | 0.790 | 0.033 | 7.400 | 346.0 | 44.0 | 302 | |
| 11 | 08 | 76 | 1240 | | | .3 | | 0.050 | 0.005 | 0.060 | 0.725 | 0.017 | 1.620 | 328.0 | 18.5 | | |
| 12 | 08 | 76 | 1126 | | | .3 | | 0.047 | 0.007 | 0.080 | 0.675 | 0.019 | 1.400 | 320.0 | 19.5 | 301 | |
| 14 | 09 | 76 | 1200 | | | .3 | | 0.550 | 0.007 | 0.020 | 0.555 | 0.013 | 0.560 | 342.0 | 11.5 | | |
| 12 | 10 | 76 | 1245 | | | .3 | | 0.054 | 0.007 | 0.020 | 0.655 | 0.011 | 1.470 | 400.0 | 23.5 | | |
| 15 | 11 | 76 | 1255 | | | .3 | | 0.044 | 0.015 | 0.015 | 0.650 | 0.019 | 5.000 | 458.0 | 15.0L | | |
| 14 | 12 | 76 | 1300 | | | .3 | | 0.024 | 0.011 | 0.080 | 0.465 | 0.018 | 5.100 | 402.0 | 4.0 | 398 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | MO | YR | HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|----|----|------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 15 | 01 | 76 | 1235 | | | .3 | | 700 | 6.00 | 22.0 | | | | | | | |
| 11 | 02 | 76 | 1230 | | | .3 | | 660 | 18.00 | 21.0 | | | | | | | |
| 11 | 03 | 76 | 1230 | | | .3 | | 455 | 30.00 | 9.5 | | | | | | | |
| 14 | 04 | 76 | 1230 | | | .3 | | 540 | 17.00 | 14.0 | | | | | | | |
| 10 | 05 | 76 | 1245 | | | .3 | | 510 | 37.00 | 11.0 | | | | | | | |
| 26 | 05 | 76 | 1137 | | | .3 | | 520 | 18.00 | 12.5 | 38.5 | 0.45 | | | 8.16 | | 0.760 |
| 08 | 06 | 76 | 1100 | | | .3 | | 500 | 12.00 | 13.5 | | | | | 8.40 | | |
| 17 | 06 | 76 | 1144 | | | .3 | | 310 | 23.00 | 13.0 | 57.0 | 1.15 | | | 8.15 | | 0.960 |
| 14 | 07 | 76 | 1220 | | | .3 | | 470 | 100.00 | 12.5 | | | | | | | |
| 21 | 07 | 76 | 1147 | | | .3 | | 520 | 27.00 | 13.0 | 25.0 | 2.80 | | | 8.16 | | 1.300 |
| 11 | 08 | 76 | 1240 | | | .3 | | 530 | 15.00 | 16.5 | | | | | | | |
| 12 | 08 | 76 | 1126 | | | .3 | | 520 | 14.00 | 16.0 | 36.5 | 1.50 | | | 8.27 | | 0.660 |
| 14 | 09 | 76 | 1200 | | | .3 | | 500 | 13.00 | 15.0 | | | | | | | |
| 12 | 10 | 76 | 1245 | | | .3 | | 580 | 25.00 | 25.0 | | | | | | | |
| 15 | 11 | 76 | 1255 | | | .3 | | 700 | 8.30 | 21.5 | | | | | | | |
| 14 | 12 | 76 | 1300 | | | .3 | | 700 | 5.70 | 16.5 | | 3.10 | | | 7.95 | | 0.230 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

CONT'D

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|------|------|------|-------|---------|----------|---------|----------|--------|----------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | CAS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 15 | 01 | 76 | 1235 | | | .3 | | | | | | | | | | |
| 11 | 02 | 76 | 1230 | | | .3 | | | | | | | | | | |
| 11 | 03 | 76 | 1230 | | | .3 | | | | | | | | | | |
| 14 | 04 | 76 | 1230 | | | .3 | | | | | | | | | | |
| 10 | 05 | 76 | 1245 | | | .3 | | | | | | | | | | |
| 26 | 05 | 76 | 1137 | | | .3 | 1.0L | | | | | | | 1 | | |
| 08 | 06 | 76 | 1100 | | | .3 | | | | | | | | | | |
| 17 | 06 | 76 | 1144 | | | .3 | 4.0 | | | | | | | 8 | 16 | |
| 14 | 07 | 76 | 1220 | | | .3 | | | | | | | | | | |
| 21 | 07 | 76 | 1147 | | | .3 | 1.5 | | | | | | | 12 | 19 | |
| 11 | 08 | 76 | 1240 | | | .3 | | | | | | | | | | |
| 12 | 08 | 76 | 1126 | | | .3 | 1.0 | | | | | | | 67 | 13 | |
| 14 | 09 | 76 | 1200 | | | .3 | | | | | | | | | | |
| 12 | 10 | 76 | 1245 | | | .3 | | | | | | | | | | |
| 15 | 11 | 76 | 1255 | | | .3 | | | | | | | | | | |
| 14 | 12 | 76 | 1300 | | | .3 | 10.0 | | | | | | | 7 | | |

MAXIMUM 10.0
 AVG OR GEOM MN (*) 3.50
 MINIMUM 1.0
 NO OF SAMPLES 5

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|----|------|------|------|-------|--------------------------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 | 06 | 76 | 1144 | | | .3 | 0.001 | 0.120 | | | | | | | | |
| | | | | | | | MAXIMUM 0.001 | 0.120 | | | | | | | | |
| | | | | | | | AVG OR GEOM MN (*) 0.001 | 0.120 | | | | | | | | |
| | | | | | | | MINIMUM 0.001 | 0.120 | | | | | | | | |
| | | | | | | | NO OF SAMPLES 1 | 1 | | | | | | | | |

B.O.W. / SITE: DECKER CREEK
 SAMPLE POINT: NEAR BRICK YARD, THEDFORD
 STATION TYPE: RIVER

STATION ID: 08-0022-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | 2 | LAT | LONG | U.T.M. 17 0430475.0 4780600.0 4 | | | | REGION 01 | MILEAGE | 6.40 | | | | | | | |
|------------|-----------|----------|-------------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 15 | 01 | 76 | 1300 | | | .3 | | 23009 | 4 | | 61000. | 260. | 770. | 24. | 0.0 | 9.0 | 3.0 |
| 11 | 02 | 76 | 1310 | | | .3 | | 23020 | 4 | 3 | 23000E+1 | 4700. | 2600. | 144. | 1.0 | 13.0 | 2.2 |
| 11 | 03 | 76 | 1310 | | | .3 | | 23031 | 4 | 6 | 31000. | 1240. | 364. | 4. | 3.0 | 12.5 | 1.6 |
| 14 | 04 | 76 | 1245 | | | .3 | | 23042 | 6 | | 12000. | 160. | 12. | 4. | 14.0 | 10.5 | 1.8 |
| 10 | 05 | 76 | 1330 | | | .3 | | 23053 | 6 | 3 | 75000. | 1300. | 150. | 16. | 14.0 | 12.5 | 1.2 |
| 08 | 06 | 76 | 1130 | | | .3 | | 23064 | 5 | 7 | 6000. | 560. | 152. | 4. | 21.0 | 15.0 | 2.2 |
| 14 | 07 | 76 | 1240 | | | .3 | | 23075 | 9 | 6 | 59000E+1 | 22000. | 9300. | 1560. | 19.0 | 9.0 | 6.0 |
| 11 | 08 | 76 | 1310 | | | .3 | | 23086 | 6 | 8 | 54000E+1 | 444. | 320. | 28. | 29.0 | 8.0 | 3.2 |
| 14 | 09 | 76 | 1240 | | | .3 | | 23097 | 6 | | 24000. | 400. | 188. | 4. | 21.0 | 10.5 | 5.4 |
| 12 | 10 | 76 | 1300 | | | .3 | | 23109 | 6 | | 1320. | 100. | 64. | 4. | 12.0 | 12.5 | 1.7 |
| 15 | 11 | 76 | 1315 | | | .3 | | 23121 | 3 | 6 | 27000E+1 | 2400. | 216. | 72. | 3.0 | 14.0 | 1.1 |
| 14 | 12 | 76 | 1320 | | | .3 | | 23133 | 4 | 6 | 18500E+1 | 2200. | 252. | 16. | 1.0 | 15.0 | 1.9 |

MAXIMUM 59000E+1 22000. 9300. 1560. 29.0 15.0 6.0
 AVG OR GEOM MN (*) 57035.* 919.* 292.* 19.* D 11.5 11.8 2.6
 MINIMUM 1320. 100. 12. 4. 0.0 8.0 1.1
 NO OF SAMPLES 12 12 12 12 12 12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|--------------------------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 15 | 01 | 76 | 1300 | | | .3 | 0.187 | 0.130 | 1.250 | 1.820 | 0.043 | 3.000 | 516.0 | 14.5 | | |
| 11 | 02 | 76 | 1310 | | | .3 | 0.182 | 0.105 | 0.510 | 1.030 | 0.104 | 3.700 | 554.0 | 82.0 | | |
| 11 | 03 | 76 | 1310 | | | .3 | 0.099 | 0.058 | 0.265 | 0.745 | 0.039 | 4.600 | 412.0 | 29.5 | | |
| 14 | 04 | 76 | 1245 | | | .3 | 0.084 | 0.075 | 0.230 | 0.575 | 0.134 | 1.100 | 458.0 | 15.0L | | |
| 10 | 05 | 76 | 1330 | | | .3 | 0.103 | 0.040 | 0.075 | 0.805 | 0.061 | 5.000 | 432.0 | 15.0L | | |
| 08 | 06 | 76 | 1130 | | | .3 | | 0.186 | 0.005L | | | | 358.0 | 0.5L | | |
| 14 | 07 | 76 | 1240 | | | .3 | 0.600 | 0.259 | 0.025 | 1.480 | 0.036 | 3.600 | 624.0 | 226.0 | | |
| 11 | 08 | 76 | 1310 | | | .3 | 0.380 | 0.266 | 0.345 | 0.600 | 0.148 | 1.070 | 438.0 | 16.0 | | |
| 14 | 09 | 76 | 1240 | | | .3 | | 0.650 | 0.875 | 1.850 | 0.225 | 0.980 | 518.0 | 13.5 | | |
| 12 | 10 | 76 | 1300 | | | .3 | 0.149 | 0.110 | 0.275 | 0.925 | 0.045 | 1.100 | 496.0 | 7.0 | | |
| 15 | 11 | 76 | 1315 | | | .3 | 0.041 | 0.009 | 0.045 | 0.655 | 0.017 | 4.300 | 400.0 | 15.0L | | |
| 14 | 12 | 76 | 1320 | | | .3 | 0.170 | 0.093 | 1.300 | 2.050 | 0.023 | 2.600 | 542.0 | 15.0L | | |
| | | | | | | | MAXIMUM 0.600 | 0.650 | 1.300 | 2.050 | 0.225 | 5.000 | 624.0 | 226.0 | | |
| | | | | | | | AVG OR GEOM MN (*) 0.200 | 0.165 | 0.433D | 1.140 | 0.080 | 2.823 | 479.0 | 37.40 | | |
| | | | | | | | MINIMUM 0.041 | 0.009 | 0.005 | 0.575 | 0.017 | 0.980 | 358.0 | 0.5 | | |
| | | | | | | | NO OF SAMPLES 10 | 12 | 12 | 11 | 11 | 11 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 01 | 76 | 1300 | | | .3 | | 780 | 6.70 | 35.0 | | | | | | | |
| 11 | 02 | 76 | 1310 | | | .3 | | 675 | 42.00 | 53.0 | | | | | | | |
| 11 | 03 | 76 | 1310 | | | .3 | | 625 | 21.00 | 26.0 | | | | | | | |
| 14 | 04 | 76 | 1245 | | | .3 | | 650 | 3.60 | 29.5 | | | | | | | |
| 10 | 05 | 76 | 1330 | | | .3 | | 600 | 7.50 | 19.5 | | | | | | | |
| 08 | 06 | 76 | 1130 | | | .3 | | 580 | 4.50 | 41.0 | | | | | | | |
| 14 | 07 | 76 | 1240 | | | .3 | | 520 | 200.00 | 30.0 | | | | | | | |
| 11 | 08 | 76 | 1310 | | | .3 | | 740 | 9.90 | 56.0 | | | | | | | |
| 14 | 09 | 76 | 1240 | | | .3 | | 790 | 16.00 | 65.0 | | | | | | | |
| 12 | 10 | 76 | 1300 | | | .3 | | 780 | 3.30 | 41.0 | | | | | | | |
| 15 | 11 | 76 | 1315 | | | .3 | | 650 | 9.00 | 20.5 | | | | | | | |
| 14 | 12 | 76 | 1320 | | | .3 | | 870 | 6.50 | 42.0 | | | | | | | |

MAXIMUM 870 200.00 65.0
 AVG OR GEOM MN () 688 27.50 38.2
 MINIMUM 520 3.30 19.5
 NO OF SAMPLES 12 12 12

B.O.W./ SITE: HENSALL CREEK
 SAMPLE POINT: AT CONCESSION ROAD 2, WEST OF HENSALL
 STATION TYPE: RIVER FLOW GAUGE MOE 02FF105

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STATION ID: 08-0022-007-02

STORET CODE: 02
 002
 0180

STN NO 7 LAT LONG U.T.M. 17 0457675.0 4808250.0 4 REGION 01 MILEAGE 86.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 01 | 76 | 1045 | | | .3 | | 23004 | 4 | | 1100. | 56. | 72. | 0. | 0.0 | 10.5 | 1.6 |
| 11 | 02 | 76 | 1045 | | | .3 | | 23015 | 4 | | 1500. | 148. | 432. | 8. | 1.0 | 11.5 | 1.0 |
| 11 | 03 | 76 | 1100 | | | .3 | | 23026 | 4 6 | | 164. | 28. | 1400. | 4. | 2.0 | 12.0 | 0.9 |
| 14 | 04 | 76 | 1030 | | | .3 | | 23037 | 6 | | 7900. | 4. | 100. | 4. | 9.0 | 13.5 | 0.9 |
| 10 | 05 | 76 | 1100 | | | .3 | | 23048 | 3 | | 120. | 32. | 4. | 4. | 13.0 | 14.0 | 0.5 |
| 08 | 06 | 76 | 0900 | | | .3 | | 23059 | 6 8 | | 220. | 140. | 20. | 4. | 19.0 | 9.5 | 0.9 |
| 14 | 07 | 76 | 1030 | | | .3 | | 23070 | 6 8 | | 640. | 152. | 240. | 4. | 15.0 | 9.5 | 1.5 |
| 11 | 08 | 76 | 1015 | | | .3 | | 23081 | 8 6 | | 1900. | 456. | 124. | 8. | 20.0 | 9.0 | 1.6 |
| 14 | 09 | 76 | 1020 | | | .3 | | 23092 | 5 8 | | 1300. | 164. | 208. | 4. | 17.0 | 12.0 | 0.8 |
| 12 | 10 | 76 | 1120 | | | .3 | | 23104 | 8 6 | | 290. | 40. | 32. | 4. | 10.0 | 13.0 | 0.8 |
| 15 | 11 | 76 | 1100 | | | .3 | | 23116 | 3 6 | | 4100. | 1760. | 520. | 4. | 1.0 | 15.5 | 1.1 |
| 14 | 12 | 76 | 1120 | | | .3 | | 23126 | 4 6 | | 10000. | 68. | 40. | 4. | 0.0 | 13.0 | 0.7 |

MAXIMUM 10000. 1760. 1400. 8. 20.0 15.5 1.6
 AVG OR GEOM MN () 1005. 88. 103. 4. 8.9 11.9 1.0
 MINIMUM 120. 4. 4. 0. 0.0 9.0 0.5
 NO OF SAMPLES 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 01 | 76 | 1045 | | | .3 | | 0.055 | 0.045 | 0.080 | 0.335 | 0.032 | 6.300 | 406.0 | 15.0L | | |
| 11 | 02 | 76 | 1045 | | | .3 | | 0.061 | 0.036 | 0.235 | 0.505 | 0.035 | 7.000 | 402.0 | 15.0L | | |
| 11 | 03 | 76 | 1100 | | | .3 | | 0.042 | 0.033 | 0.055 | 0.335 | 0.020 | 5.900 | 312.0 | 15.0L | | |
| 14 | 04 | 76 | 1030 | | | .3 | | 0.031 | 0.023 | 0.045 | 0.295 | 0.048 | 6.200 | 372.0 | 15.0L | | |
| 10 | 05 | 76 | 1100 | | | .3 | | 0.025 | 0.013 | 0.005 | 0.345 | 0.033 | 7.300 | 344.0 | 15.0L | | |
| 08 | 06 | 76 | 0900 | | | .3 | | 0.110 | 0.091 | 0.015 | 0.465 | 0.247 | 3.350 | 348.0 | 15.0L | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 0.046 | 0.028 | 0.015 | 0.385 | 0.003 | 4.100 | 386.0 | 11.5 | | |
| 11 | 08 | 76 | 1015 | | | .3 | | 0.032 | 0.012 | 0.030 | 0.400 | 0.043 | 3.330 | 328.0 | 10.5 | | |
| 14 | 09 | 76 | 1020 | | | .3 | | 0.025 | 0.011 | 0.005 | 0.435 | 0.017 | 2.560 | 370.0 | 15.0L | | |
| 12 | 10 | 76 | 1120 | | | .3 | | 0.033 | 0.023 | 0.015 | 0.370 | 0.011 | 3.200 | 368.0 | 0.5L | | |
| 15 | 11 | 76 | 1100 | | | .3 | | 0.035 | 0.017 | 0.010 | 0.425 | 0.011 | 4.100 | 404.0 | 1.5 | | |
| 14 | 12 | 76 | 1120 | | | .3 | | 0.040 | 0.027 | 0.115 | 0.405 | 0.027 | 5.900 | 340.0 | 15.0L | | |

MAXIMUM 0.110 0.091 0.235 0.505 0.247 7.300 406.0 15.0
 AVG OR GEOM MN () 0.045 0.030 0.052 0.392 0.044 4.940 365.0 12.00
 MINIMUM 0.025 0.011 0.005 0.295 0.003 2.560 312.0 0.5
 NO OF SAMPLES 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 01 | 76 | 1045 | | | .3 | | 640 | 1.20 | 18.5 | | | | | | | |
| 11 | 02 | 76 | 1045 | | | .3 | | 595 | 1.90 | 14.5 | | | | | | | |
| 11 | 03 | 76 | 1100 | | | .3 | | 500 | 1.80 | 9.0 | | | | | | | |
| 14 | 04 | 76 | 1030 | | | .3 | | 530 | 0.90 | 11.0 | | | | | | | |
| 10 | 05 | 76 | 1100 | | | .3 | | 550 | 1.60 | 10.5 | | | | | | | |
| 08 | 06 | 76 | 0900 | | | .3 | | 540 | 1.10 | 9.5 | | | | | | | |
| 14 | 07 | 76 | 1030 | | | .3 | | 560 | 0.90 | 13.5 | | | | | | | |
| 11 | 08 | 76 | 1015 | | | .3 | | 520 | 1.60 | 14.0 | | | | | | | |
| 14 | 09 | 76 | 1020 | | | .3 | | 540 | 0.60 | 14.5 | | | | | | | |
| 12 | 10 | 76 | 1120 | | | .3 | | 610 | 0.80 | 17.0 | | | | | | | |
| 15 | 11 | 76 | 1100 | | | .3 | | 670 | 2.80 | 35.0 | | | | | | | |
| 14 | 12 | 76 | 1120 | | | .3 | | 640 | 2.70 | 13.0 | | | | | | | |

MAXIMUM 670 2.80 35.0
 AVG OR GEOM MN () 575 1.49 15.0
 MINIMUM 500 0.60 9.0
 NO OF SAMPLES 12 12 12

B.O.W. / SITE: LITTLE AUSABLE RIVER
 SAMPLE POINT: AT BRIDGE, TWP LINE WEST OF LUCAN
 STATION TYPE: RIVER

STATION ID: 08-0022-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | 10 | LAT | LONG | U.T.M. 17 0463600.0 4780750.0 4 | REGION 01 | MILEAGE | 68.30 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | RO5 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 15 01 76 1330 | | | .3 | | 23010 | 4 | | 344. | 64. | 8. | 0. | 0.0 | 12.0 | 1.2 |
| 11 02 76 1405 | | | .3 | | 23021 | 4 3 | | 2300. | 248. | 2100. | 4. L | 1.0 | 11.5 | 0.8 |
| 11 03 76 1334 | | | .3 | | 23032 | 4 6 | | 4600. | 20. | 12. | 4. L | 4.0 | 11.0 | 1.3 |
| 14 04 76 1330 | | | .3 | | 23043 | 6 | | 84. | 4. | 12. | 4. L | 12.0 | 10.5 | 0.7 |
| 16 05 76 1430 | | | .3 | | 23054 | 6 3 | | 480. | 68. | 20. | 4. L | 14.0 | 13.5 | 0.9 |
| 08 06 76 1215 | | | .3 | | 23065 | 8 6 | | 310. | 192. | 80. | 4. L | 23.0 | 9.5 | 1.5 |
| 14 07 76 1440 | | | .3 | | 23076 | 8 6 | | 660. | 224. | 136. | 4. L | 20.0 | 11.0 | 2.5 |
| 11 08 76 1535 | | | .3 | | 23087 | 6 8 | | 1100. | 248. | 32. | 16. | 24.0 | 9.5 | 2.2 |
| 14 09 76 1340 | | | .3 | | 23098 | 6 | | 940. | 160. | 36. | 4. L | 21.0 | 10.5 | 3.2 |
| 12 10 76 1340 | | | .3 | | 23110 | 6 | | 480. | 76. | 24. | 4. L | 14.0 | 13.5 | 1.6 |
| 15 11 76 1420 | | | .3 | | 23122 | 6 3 | | 1710. | 200. | 28. | 4. L | 3.0 | 15.0 | 1.8 |
| 14 12 76 1420 | | | .3 | | 23134 | 4 6 | | 1310. | 4. | 32. | 4. L | 0.0 | 15.0 | 0.6 |
| MAXIMUM | | | | | | | | 4600. | 248. | 2100. | 16. | 24.0 | 15.0 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | | 753.* | 68.* | 39.* | 4.* D | 11.3 | 11.9 | 1.5 |
| MINIMUM | | | | | | | | 84. | 4. | 8. | 0. | 0.0 | 9.5 | 0.6 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 15 01 76 1330 | | | .3 | | 0.069 | 0.065 | 0.180 | 0.445 | 0.029 | 6.200 | 412.0 | 15.0L | 15.0L | |
| 11 02 76 1405 | | | .3 | | 0.105 | 0.071 | 0.335 | 0.725 | 0.051 | 7.000 | 444.0 | 15.0L | 15.0L | |
| 11 03 76 1334 | | | .3 | | 0.043 | 0.040 | 0.065 | 0.305 | 0.017 | 5.700 | 320.0 | 15.0L | 15.0L | |
| 14 04 76 1330 | | | .3 | | 0.021 | 0.010 | 0.035 | 0.305 | 0.026 | 5.100 | 316.0 | 15.0L | 15.0L | |
| 16 05 76 1430 | | | .3 | | 0.020 | 0.008 | 0.010 | 0.425 | 0.026 | 6.900 | 352.0 | 15.0L | 15.0L | |
| 08 06 76 1215 | | | .3 | | 0.067 | 0.011 | 0.025 | 0.830 | 0.082 | 1.230 | 334.0 | 36.0 | 19.0 | |
| 14 07 76 1440 | | | .3 | | 0.025 | 0.008 | 0.070 | 0.400 | 0.030 | 3.800 | 336.0 | 13.5 | 13.5 | |
| 11 08 76 1535 | | | .3 | | 0.036 | 0.013 | 0.055 | 0.565 | 0.016 | 1.540 | 308.0 | 19.0 | 19.0 | |
| 14 09 76 1340 | | | .3 | | 0.780 | 0.007 | 0.015 | 0.780 | 0.006 | 0.020 | 330.0 | 15.0L | 15.0L | |
| 12 10 76 1340 | | | .3 | | 0.081 | 0.013 | 0.015 | 0.680 | 0.011 | 2.700 | 372.0 | 10.0 | 10.0 | |
| 15 11 76 1420 | | | .3 | | 0.101 | 0.066 | 0.175 | 0.730 | 0.023 | 3.500 | 462.0 | 15.0L | 15.0L | |
| 14 12 76 1420 | | | .3 | | 0.051 | 0.039 | 0.115 | 0.475 | 0.017 | 5.500 | 370.0 | 15.0L | 15.0L | |
| MAXIMUM | | | | | 0.780 | 0.071 | 0.335 | 0.830 | 0.082 | 7.000 | 462.0 | 36.0 | 36.0 | |
| AVG OR GEOM MN (*) | | | | | 0.117 | 0.029 | 0.091 | 0.555 | 0.028 | 4.099 | 363.0 | 16.50 | 16.50 | |
| MINIMUM | | | | | 0.020 | 0.007 | 0.010 | 0.305 | 0.006 | 0.020 | 308.0 | 10.0 | 10.0 | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 15 01 76 1330 | | | .3 | | 655 | 1.60 | 19.5 | | | | | | | |
| 11 02 76 1405 | | | .3 | | 655 | 1.90 | 28.0 | | | | | | | |
| 11 03 76 1334 | | | .3 | | 465 | 4.00 | 12.0 | | | | | | | |
| 14 04 76 1330 | | | .3 | | 500 | 2.00 | 13.5 | | | | | | | |
| 16 05 76 1430 | | | .3 | | 520 | 3.20 | 10.5 | | | | | | | |
| 08 06 76 1215 | | | .3 | | 440 | 16.00 | 13.0 | | | | | | | |
| 14 07 76 1440 | | | .3 | | 480 | 1.50 | 18.0 | | | | | | | |
| 11 08 76 1535 | | | .3 | | 520 | 2.00 | 19.5 | | | | | | | |
| 14 09 76 1340 | | | .3 | | 481 | 3.80 | 17.5 | | | | | | | |
| 12 10 76 1340 | | | .3 | | 580 | 3.70 | 19.5 | | | | | | | |
| 15 11 76 1420 | | | .3 | | 760 | 5.80 | 26.0 | | | | | | | |
| 14 12 76 1420 | | | .3 | | 660 | 2.80 | 15.5 | | | | | | | |
| MAXIMUM | | | | | 760 | 16.00 | 28.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 561 | 4.03 | 17.7 | | | | | | | |
| MINIMUM | | | | | 440 | 1.50 | 10.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: AUSABLE RIVER
 SAMPLE POINT: AT TOWNLINE DOWSTREAM FROM CENTRALIA BASE
 STATION TYPE: RIVER

STATION ID: 08-0022-011-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | | | | 11 | LAT | | LONG | | U.T.M. 17 0457160.0 4790060.0 4 | | | | REGION 01 | | MILEAGE | | 75.00 | | | | |
|--------|----|----|------|-----|-----|------|------|-------|---------------------------------|--------|-----|------|-----------|----------|----------|----------|-------|-------|-------|------|-----|
| SAMP | | | | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | | |
| DY | | | | MO | YR | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | | |
| | | | | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD | | |
| | | | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | | |
| 15 | 01 | 76 | 1140 | | | | | .3 | | 23006 | 4 | | 192. | 4. | L | 12. | 0. | 0.0 | 9.0 | 1.8 | |
| 11 | 02 | 76 | 1130 | | | | | .3 | | 23017 | 4 6 | | 6800. | 244. | | 16000. | 4. | 0.5 | 9.0 | 1.3 | |
| 11 | 03 | 76 | 1125 | | | | | .3 | | 23028 | 4 6 | | 600. | 24. | | 152. | 4. | L | 2.0 | 12.0 | 1.5 |
| 14 | 04 | 76 | 1100 | | | | | .3 | | 23039 | 6 | | 320. | 4. | | 44. | 4. | L | 10.1 | 10.5 | 1.3 |
| 10 | 05 | 76 | 1130 | | | | | .3 | | 23050 | 3 | | 300. | 100. | | 100. | 4. | L | 14.0 | 10.0 | 0.9 |
| 08 | 06 | 76 | 1000 | | | | | .3 | | 23061 | 5 8 | | 360. | 150. | | 80. | 4. | L | 19.0 | 8.0 | 0.9 |
| 14 | 07 | 76 | 1110 | | | | | .3 | | 23072 | 6 9 | | 750. | 440. | | 400. | 4. | L | 19.0 | 8.0 | 2.9 |
| 11 | 08 | 76 | 1100 | | | | | .3 | | 23083 | 8 6 | | 1400. | 260. | | 124. | 12. | | 23.0 | 9.5 | 3.3 |
| 14 | 09 | 76 | 1055 | | | | | .3 | | 23094 | 8 6 | | 1000. | 560. | | 124. | 4. | L | 19.0 | 9.0 | 2.3 |
| 12 | 10 | 76 | 1200 | | | | | .3 | | 23106 | 6 | | 520. | 116. | | 8. | 4. | L | 10.0 | 11.0 | 1.6 |
| 15 | 11 | 76 | 1150 | | | | | .3 | | 23118 | 3 6 | | 1310. | 72. | | 56. | 4. | | 3.0 | 14.0 | 1.2 |
| 19 | 12 | 76 | 1155 | | | | | .3 | | 23130 | 4 6 | | 1740. | 52. | | 24. | 4. | L | 0.0 | 14.0 | 0.9 |

MAXIMUM
 AVG OR GEOM MN (-)
 MINIMUM

6800.
 754.
 192.

560.
 76.
 4.

16000.
 97.
 8.

12.
 4.
 0.

23.0
 10.0
 0.0

14.0
 10.3
 8.0

3.3
 1.7
 0.9

NO OF SAMPLES

12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 01 | 76 | 1140 | | | .3 | | 0.099 | 0.075 | 0.215 | 0.705 | 0.037 | 5.000 | 436.0 | 15.0L | | |
| 11 | 02 | 76 | 1130 | | | .3 | | 0.097 | 0.051 | 0.395 | 1.030 | 0.058 | 5.800 | 444.0 | 15.0L | | |
| 11 | 03 | 76 | 1125 | | | .3 | | 0.055 | 0.037 | 0.035 | 0.555 | 0.021 | 4.100 | 302.0 | 15.0L | | |
| 14 | 04 | 76 | 1100 | | | .3 | | 0.051 | 0.023 | 0.035 | 0.445 | 0.055 | 3.600 | 396.0 | 13.0 | | |
| 10 | 05 | 76 | 1130 | | | .3 | | 0.059 | 0.019 | 0.025 | 0.690 | 0.035 | 6.200 | 354.0 | 13.0 | | |
| 08 | 06 | 76 | 1000 | | | .3 | | 0.078 | 0.040 | 0.030 | 0.770 | 0.063 | 1.060 | 326.0 | 8.0 | | |
| 14 | 07 | 76 | 1110 | | | .3 | | 0.103 | 0.061 | 0.020 | 0.935 | 0.116 | 2.500 | 370.0 | 23.5 | | |
| 11 | 08 | 76 | 1100 | | | .3 | | 0.070 | 0.032 | 0.045 | 0.400 | 0.017 | 0.860 | 364.0 | 54.0 | | |
| 14 | 09 | 76 | 1055 | | | .3 | | 0.109 | 0.048 | 0.015 | 0.900 | 0.009 | 0.280 | 370.0 | 25.5 | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 0.076 | 0.029 | 0.015 | 0.725 | 0.023 | 1.200 | 400.0 | 10.5 | | |
| 15 | 11 | 76 | 1150 | | | .3 | | 0.023 | 0.004 | 0.035 | 0.485 | 0.019 | 4.300 | 380.0 | 15.0L | | |
| 19 | 12 | 76 | 1155 | | | .3 | | 0.044 | 0.031 | 0.155 | 0.650 | 0.025 | 4.500 | 400.0 | 15.0L | | |

MAXIMUM
 AVG OR GEOM MN (-)
 MINIMUM

0.109
 0.072
 0.023

0.075
 0.038
 0.004

0.395
 0.085
 0.015

1.030
 0.671
 0.400

0.116
 0.040
 0.003

6.200
 3.291
 0.280

444.0
 380.2
 302.0

54.0
 18.50
 8.0

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 01 | 76 | 1140 | | | .3 | | 675 | 2.30 | 27.0 | | | | | | | |
| 11 | 02 | 76 | 1130 | | | .3 | | 655 | 4.70 | 22.5 | | | | | | | |
| 11 | 03 | 76 | 1125 | | | .3 | | 456 | 3.90 | 11.0 | | | | | | | |
| 14 | 04 | 76 | 1100 | | | .3 | | 530 | 9.00 | 13.5 | | | | | | | |
| 10 | 05 | 76 | 1130 | | | .3 | | 520 | 12.00 | 10.5 | | | | | | | |
| 08 | 06 | 76 | 1000 | | | .3 | | 500 | 7.10 | 13.5 | | | | | | | |
| 14 | 07 | 76 | 1110 | | | .3 | | 500 | 6.00 | 16.5 | | | | | | | |
| 11 | 08 | 76 | 1100 | | | .3 | | 580 | 22.00 | 19.5 | | | | | | | |
| 14 | 09 | 76 | 1055 | | | .3 | | 520 | 17.00 | 20.0 | | | | | | | |
| 12 | 10 | 76 | 1200 | | | .3 | | 610 | 8.90 | 22.0 | | | | | | | |
| 15 | 11 | 76 | 1150 | | | .3 | | 620 | 3.20 | 23.5 | | | | | | | |
| 19 | 12 | 76 | 1155 | | | .3 | | 700 | 3.40 | 22.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (-)
 MINIMUM

700
 573
 466

22.00
 8.29
 2.30

27.0
 18.5
 10.5

NO OF SAMPLES

12 12 12

B.O.W. / SITE: AUSABLE RIVER
SAMPLE POINT: AT HIGHWAY 21 GRAND BEND
STATION TYPE: RIVER

STATION ID 08-0022-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: AUSABLE RIVER

STORET CODE: 02
002
0180

STN NO 13 LAT LONG U.T.M. 17 0438600.0 4795450.0 4 REGION 01 MILEAGE 0.50

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|------|------|------|-------|-------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | NO | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | EC |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 15 | 01 | 76 | 1200 | | | .3 | 23007 | 4 | | 2900. | 152. | 40. | 0. | 6.0 | 7.5 | 1.6 |
| 11 | 02 | 76 | 1145 | | | .3 | 23018 | 4 | | 1700. | 108. | 688. | 4. | 1.0 | 9.0 | 1.3 |
| 11 | 03 | 76 | 1200 | | | .3 | 23029 | 4 | 6 9 | 600. | 84. | 1600. | | 2.0 | 12.0 | 1.5 |
| 14 | 04 | 76 | 1130 | | | .3 | 23040 | 5 | | 12000. | 168. | 100. | 4. | 10.0 | 8.5 | 2.3 |
| 10 | 05 | 76 | 1200 | | | .3 | 23051 | 3 | | 1200. | 210. | 600. | 12. | 15.0 | 9.5 | 1.4 |
| 08 | 06 | 76 | 1020 | | | .3 | 23062 | 5 | 9 | 6000. | 110. | 52. | 4. | 21.0 | 9.5 | 2.1 |
| 14 | 07 | 76 | 1145 | | | .3 | 23073 | 6 | 9 | 9000. | 150. | 840. | 44. | 10.0 | 8.5 | 2.1 |
| 11 | 08 | 76 | 1140 | | | .3 | 23084 | 6 | | 2100. | 88. | 76. | 40. | 23.0 | 8.5 | 2.5 |
| 14 | 09 | 76 | 1135 | | | .3 | 23095 | 9 | 6 | 6000. | 540. | 170. | 8. | 20.0 | 10.0 | 2.6 |
| 12 | 10 | 76 | 1205 | | | .3 | 23107 | 6 | | 3100. | 288. | 56. | 4. | 12.0 | 12.5 | 1.6 |
| 15 | 11 | 76 | 1215 | | | .3 | 23119 | 6 | | 1620. | 80. | 64. | 4. | 3.0 | 14.0 | 1.1 |
| 14 | 12 | 76 | 1230 | | | .3 | 23131 | 4 | 6 | 780. | 24. | 48. | 4. | 0.0 | 13.0 | 1.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

12000.
2702.
600.

540.
129.
24.

1600.
159.
40.

44.
6.
0.

23.0
10.5
0.0

14.0
10.2
7.5

2.6
1.8
1.1

NO OF SAMPLES

12 12 12 11 12 12 12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 15 | 01 | 76 | 1200 | | | .3 | 0.041 | 0.019 | 0.065 | 0.770 | 0.030 | 5.800 | 516.0 | 13.0 | | |
| 11 | 02 | 76 | 1145 | | | .3 | 0.113 | 0.065 | 0.145 | 0.915 | 0.040 | 7.700 | 494.0 | 11.5 | | |
| 11 | 03 | 76 | 1200 | | | .3 | 0.182 | 0.120 | 0.135 | 0.980 | 0.049 | 4.000 | 340.0 | 55.5 | | |
| 14 | 04 | 76 | 1130 | | | .3 | 0.047 | 0.006 | 0.065 | 0.655 | 0.035 | 3.800 | 446.0 | 24.0 | | |
| 10 | 05 | 76 | 1200 | | | .3 | 0.104 | 0.041 | 0.035 | 1.380 | 0.039 | 7.200 | 472.0 | 42.0 | | |
| 08 | 06 | 76 | 1020 | | | .3 | 0.079 | 0.009 | 0.160 | | 0.003 | 1.290 | 432.0 | 18.0 | | |
| 14 | 07 | 76 | 1145 | | | .3 | 0.206 | 0.068 | 0.045 | 1.390 | 0.088 | 10.500 | 620.0 | 128.0 | | |
| 11 | 08 | 76 | 1140 | | | .3 | 0.049 | 0.018 | 0.105 | 0.545 | 0.029 | 2.460 | 410.0 | 36.0 | | |
| 14 | 09 | 76 | 1135 | | | .3 | 0.092 | 0.013 | 0.020 | 1.250 | 0.029 | 1.540 | 406.0 | 24.5 | | |
| 12 | 10 | 76 | 1205 | | | .3 | 0.094 | 0.028 | 0.040 | 1.070 | 0.022 | 2.800 | 500.0 | 24.0 | | |
| 15 | 11 | 76 | 1215 | | | .3 | 0.037 | 0.019 | 0.025 | 0.575 | 0.027 | 4.100 | 406.0 | 15.0L | | |
| 14 | 12 | 76 | 1230 | | | .3 | 0.069 | 0.036 | 0.080 | 0.800 | 0.031 | 5.500 | 438.0 | 8.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.206
0.093
0.037

0.120
0.037
0.006

0.160
0.077
0.020

1.390
0.939
0.545

0.088
0.035
0.003

10.500
4.724
1.290

620.0
456.7
340.0

128.0
33.30
8.0

NO OF SAMPLES

12 12 12 11 12 12 12 12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 15 | 01 | 76 | 1200 | | | .3 | 760 | 9.50 | 24.5 | | | | | | | |
| 11 | 02 | 76 | 1145 | | | .3 | 660 | 12.00 | 19.0 | | | | | | | |
| 11 | 03 | 76 | 1200 | | | .3 | 345 | 95.00 | 8.5 | | | | | | | |
| 14 | 04 | 76 | 1130 | | | .3 | 570 | 18.00 | 15.5 | | | | | | | |
| 10 | 05 | 76 | 1200 | | | .3 | 575 | 46.00 | 13.0 | | | | | | | |
| 08 | 06 | 76 | 1020 | | | .3 | 580 | 22.00 | 14.5 | | | | | | | |
| 14 | 07 | 76 | 1145 | | | .3 | 680 | 99.00 | 18.0 | | | | | | | |
| 11 | 08 | 76 | 1140 | | | .3 | 600 | 26.00 | 17.0 | | | | | | | |
| 14 | 09 | 76 | 1135 | | | .3 | 580 | 25.00 | 21.0 | | | | | | | |
| 12 | 10 | 76 | 1205 | | | .3 | 700 | 28.00 | 27.5 | | | | | | | |
| 15 | 11 | 76 | 1215 | | | .3 | 670 | 2.70 | 23.5 | | | | | | | |
| 14 | 12 | 76 | 1230 | | | .3 | 680 | 17.00 | 17.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

760
617
345

99.00
33.35
2.70

27.5
18.4
8.5

NO OF SAMPLES

12 12 12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|------|------|------|-------|---------|----------|---------|----------|--------|----------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSILUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | UG/L | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 15 | 01 | 76 | 1200 | | | .3 | 2. | | | | | | | | | 2L |
| 11 | 02 | 76 | 1145 | | | .3 | 1. L | | | | | | | | | 2 |
| 11 | 03 | 76 | 1200 | | | .3 | 2.0 | | | | | | | | | |
| 14 | 04 | 76 | 1130 | | | .3 | 4.0 | | | | | | | | | 4 |
| 10 | 05 | 76 | 1200 | | | .3 | 4.0 | | | | | | | | | |
| 08 | 06 | 76 | 1020 | | | .3 | 3.0 | | | | | | | | | 2L |
| 14 | 07 | 76 | 1145 | | | .3 | | | | | | | | | | 2L |
| 11 | 08 | 76 | 1140 | | | .3 | 2.0 | | | | | | | | | 2L |
| 14 | 09 | 76 | 1135 | | | .3 | 3.0 | | | | | | | | | 2L |
| 12 | 10 | 76 | 1205 | | | .3 | 6.0 | | | | | | | | | 2L |
| 15 | 11 | 76 | 1215 | | | .3 | | | | | | | | | | |
| 14 | 12 | 76 | 1230 | | | .3 | | | | | | | | | | 2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

6.0
3.00
1.

NO OF SAMPLES

9

9

B.O.W. / SITE: AUSABLE RIVER
 SAMPLE POINT: AT FIRST CONCESSION WEST OF HIGHWAY 4 EXETER
 STATION TYPE: RIVER FLOW GAUGE MOE 02FF103

STATION ID: 08-0022-016-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | 16 | LAT | LONG | U.T.M. | 17 | 0458700.0 | 4800950.0 | 4 | REGION 01 | MILEAGE | 83.50 | | | | | |
|--------------------|--------|-------|----------|---------|------------|-----------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 15 | 01 | 76 | 1105 | | .3 | | 23005 | 4 | | 5700. | 12. | 160. | 0. | 0.0 | 11.5 | 2.6 |
| 11 | 02 | 76 | 1105 | | .3 | | 23016 | 4 6 | | 2100. | 140. | 1360. | 4. L | 0.0 | 11.5 | 0.8 |
| 11 | 03 | 76 | 1110 | | .3 | | 23027 | 4 6 | | 1280. | 112. | 68. | 8. | 3.0 | 12.5 | 0.7 |
| 14 | 04 | 76 | 1045 | | .3 | | 23038 | 6 9 | | 304. | 12. | 12. | 4. L | 10.0 | 11.5 | 0.8 |
| 10 | 05 | 76 | 1110 | | .3 | | 23049 | 3 | | 1130. | 48. | 20. | 4. L | 14.0 | 13.0 | 1.1 |
| 08 | 06 | 76 | 0925 | | .3 | | 23060 | 7 | | 960. | 336. | 124. | 4. L | 19.0 | 9.5 | 1.4 |
| 14 | 07 | 76 | 1040 | | .3 | | 23071 | 6 8 | | 16400E+2 | 4700. | 45000. | 160. | 18.0 | 9.0 | 1.9 |
| 11 | 08 | 76 | 1035 | | .3 | | 23082 | 9 7 5 | | 1500. | 224. | 184. | 4. | 22.0 | 9.5 | 1.5 |
| 14 | 09 | 76 | 1030 | | .3 | | 23093 | 8 5 | | 680. | 220. | 384. | 4. L | 19.0 | 11.5 | 1.3 |
| 12 | 10 | 76 | 1130 | | .3 | | 23105 | 8 6 | | 410. | 56. | 8. | 4. L | 10.0 | 13.0 | 1.0 |
| 15 | 11 | 76 | 1115 | | .3 | | 23117 | 3 6 | | 940. | 60. | 72. | 4. L | 1.0 | 15.0 | 1.7 |
| 19 | 12 | 76 | 1145 | | .3 | | 23129 | 4 6 | | 1750. | 144. | 92. | 4. L | 0.0 | 16.0 | 0.7 |
| | | | | | | | | | | 16400E+2 | 4700. | 45000. | 160. | 22.0 | 16.0 | 2.6 |
| MAXIMUM | | | | | | | | | | 2056.* | 112.* | 143.* | 5.* D | 9.7 | 12.0 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | 304. | 12. | 8. | 0. | 0.0 | 9.0 | 0.7 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
| 15 | 01 | 76 | 1105 | | .3 | | 0.143 | 0.097 | 0.345 | 0.855 | 0.049 | 5.200 | 430.0 | 15.0L | | |
| 11 | 02 | 76 | 1105 | | .3 | | 0.055 | 0.035 | 0.180 | 0.505 | 0.039 | 6.400 | 438.0 | 15.0L | | |
| 11 | 03 | 76 | 1110 | | .3 | | 0.043 | 0.037 | 0.105 | 0.320 | 0.025 | 5.500 | 314.0 | 15.0L | | |
| 14 | 04 | 76 | 1045 | | .3 | | 0.018 | 0.009 | 0.055 | 0.185 | 0.028 | 4.800 | 354.0 | 15.0L | | |
| 10 | 05 | 76 | 1110 | | .3 | | 0.043 | 0.017 | 0.015 | 0.415 | 0.025 | 6.400 | 334.0 | 15.0L | | |
| 08 | 06 | 76 | 0925 | | .3 | | 0.036 | 0.004 | 0.010 | 0.590 | 0.048 | 1.810 | 304.0 | 11.5 | | |
| 14 | 07 | 76 | 1040 | | .3 | | 0.036 | 0.007 | 0.050 | 0.585 | 0.036 | 7.300 | 358.0 | 15.0 | | |
| 11 | 08 | 76 | 1035 | | .3 | | 0.056 | 0.009 | 0.040 | 1.010 | 0.029 | 2.030 | 308. | 8. | | |
| 14 | 09 | 76 | 1030 | | .3 | | 0.025 | 0.004 | 0.005 | 0.555 | 0.022 | 0.620 | 346.0 | 15.0L | | |
| 12 | 10 | 76 | 1130 | | .3 | | 0.021 | 0.005 | 0.010 | 0.375 | 0.015 | 1.470 | 352.0 | 0.5L | | |
| 15 | 11 | 76 | 1115 | | .3 | | 0.070 | 0.027 | 0.005 | 0.565 | 0.031 | 5.700 | 424.0 | 15.0L | | |
| 19 | 12 | 76 | 1145 | | .3 | | 0.073 | 0.058 | 0.245 | 0.635 | 0.077 | 6.000 | 384.0 | 15.0L | | |
| | | | | | | | 0.143 | 0.097 | 0.345 | 1.010 | 0.077 | 7.300 | 438.0 | 15.0 | | |
| MAXIMUM | | | | | | | 0.052 | 0.026 | 0.089 | 0.550 | 0.035 | 4.436 | 362.2 | 12.90 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.018 | 0.004 | 0.005 | 0.185 | 0.015 | 0.620 | 304.0 | 0.5 | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 15 | 01 | 76 | 1105 | | .3 | | 685 | 1.20 | 14.5 | | | | | | | |
| 11 | 02 | 76 | 1105 | | .3 | | 665 | 1.70 | 25.5 | | | | | | | |
| 11 | 03 | 76 | 1110 | | .3 | | 515 | 2.60 | 12.5 | | | | | | | |
| 14 | 04 | 76 | 1045 | | .3 | | 520 | 1.10 | 14.0 | | | | | | | |
| 10 | 05 | 76 | 1110 | | .3 | | 530 | 3.20 | 12.5 | | | | | | | |
| 08 | 06 | 76 | 0925 | | .3 | | 460 | 5.00 | 12.0 | | | | | | | |
| 14 | 07 | 76 | 1040 | | .3 | | 500 | 1.30 | 18.0 | | | | | | | |
| 11 | 08 | 76 | 1035 | | .3 | | 520 | 1.4 | 22.0 | | | | | | | |
| 14 | 09 | 76 | 1030 | | .3 | | 550 | 1.60 | 30.0 | | | | | | | |
| 12 | 10 | 76 | 1130 | | .3 | | 560 | 2.50 | 23.5 | | | | | | | |
| 15 | 11 | 76 | 1115 | | .3 | | 690 | 2.70 | 18.5 | | | | | | | |
| 19 | 12 | 76 | 1145 | | .3 | | 730 | 4.20 | 18.0 | | | | | | | |
| | | | | | | | 730 | 5.00 | 30.0 | | | | | | | |
| MAXIMUM | | | | | | | 577 | 2.38 | 18.4 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 460 | 1.10 | 12.0 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: AUSABLE RIVER
 SAMPLE POINT: AT MORRISON DAM EAST OF EXETER
 STATION TYPE: RIVER FLOW GAUGE MOE 02FF104

STATION ID: 08-0022-017-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: AUSABLE RIVER

STORET CODE: 02
 002
 0180

| STN NO | 17 | LAT | LONG | U.T.M. 17 0463050.0 4800550.0 4 | | | | | | | | REGION 01 | MILEAGE | 84.90 | | |
|--------------------|--------|-------|----------|---------------------------------|------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 15 01 | 76 | 0830 | | | .3 | | 23000 | 4 | | 384. | 140. | 960. | 0. | 0.0 | 12.0 | 1.9 |
| 11 02 | 76 | 0900 | | | .3 | | 23011 | 4 6 | | 256. | 32. | 48. | 4. L | 2.0 | 12.5 | 2.1 |
| 11 03 | 76 | 0830 | | | .3 | | 23022 | 6 | | 520. | 12. | 60. | 4. L | 5.0 | 10.5 | 0.6 |
| 14 04 | 76 | 0810 | | | .3 | | 23033 | 6 | | 36. | 4. L | 4. L | 4. L | 9.0 | 11.5 | 1.0 |
| 10 05 | 76 | 0840 | | | .3 | | 23044 | 9 5 | | 160. | 4. L | 40. | 4. L | 14.0 | 12.0 | 0.6 |
| 08 06 | 76 | 0705 | | | .3 | | 23055 | 5 9 | | 20. | 4. L | 4. L | 4. L | 22.0 | 11.0 | 1.9 |
| 14 07 | 76 | 0830 | | | .3 | | 23066 | 6 | | 190. | 32. | 8. | 8. | 22.0 | 19.5 | 1.7 |
| 11 08 | 76 | 0830 | | | .3 | | 23077 | 6 8 | | 300. | 60. | 36. | 4. L | 22.0 | 9.0 | 1.4 |
| 14 09 | 76 | 0830 | | | .3 | | 23088 | 8 6 | | 90. | 4. | 4. L | 4. L | 19.0 | 11.0 | 1.1 |
| 12 10 | 76 | 0910 | | | .3 | | 23099 | 6 8 | | 80. | 12. | 8. | 4. L | 11.5 | 10.8 | 1.1 |
| 15 11 | 76 | 0830 | | | .3 | | 23111 | 4 6 | | 580. | 8. | 132. | 4. L | 2.0 | 15.0 | 1.1 |
| 14 12 | 76 | 0830 | | | .3 | | 23123 | 4 6 | | 1710. | 32. | 364. | 4. L | 0.0 | 16.0 | 1.9 |
| | | | | | | | | | | 1710. | 140. | 960. | 8. | 22.0 | 19.5 | 2.1 |
| MAXIMUM | | | | | | | | | | 191.* | 14.* D | 31.* D | 4.* D | 10.7 | 12.6 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 20. | 4. | 4. | 0. | 0.0 | 9.0 | 0.6 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 15 01 | 76 | 0830 | | | .3 | | 0.029 | 0.007 | 0.055 | 0.395 | 0.210 | 5.800 | 402.0 | 15.0L | | |
| 11 02 | 76 | 0900 | | | .3 | | 0.038 | 0.016 | 0.265 | 0.970 | 0.033 | 7.200 | 440.0 | 12.0 | | |
| 11 03 | 76 | 0830 | | | .3 | | 0.039 | 0.033 | 0.075 | 0.305 | 0.017 | 5.100 | 286.0 | 15.0L | | |
| 14 04 | 76 | 0810 | | | .3 | | 0.010 | 0.007 | 0.065 | 0.360 | 0.026 | 5.300 | 326.0 | 15.0L | | |
| 10 05 | 76 | 0840 | | | .3 | | 0.017 | 0.005 | 0.025 | 0.405 | 0.021 | 6.500 | 330.0 | 15.0L | | |
| 08 06 | 76 | 0705 | | | .3 | | 0.024 | 0.003 | 0.150 | 0.665 | 0.052 | 2.160 | 240.0 | 3.5 | | |
| 14 07 | 76 | 0830 | | | .3 | | 0.019 | 0.004 | 0.080 | 0.515 | 0.074 | 7.600 | 360.0 | 12.5 | | |
| 11 08 | 76 | 0830 | | | .3 | | 0.017 | 0.004 | 0.085 | 0.545 | 0.094 | 2.710 | 306.0 | 7.5 | | |
| 14 09 | 76 | 0830 | | | .3 | | 0.015 | 0.006 | 0.095 | 0.675 | 0.031 | 0.900 | 318.0 | 15.0L | | |
| 12 10 | 76 | 0910 | | | .3 | | 0.027 | 0.002 | 0.125 | 0.660 | 0.039 | 1.600 | 326.0 | 5.0 | | |
| 15 11 | 76 | 0830 | | | .3 | | 0.017 | 0.001 | 0.045 | 0.415 | 0.020 | 4.200 | 380.0 | 15.0L | | |
| 14 12 | 76 | 0830 | | | .3 | | 0.027 | 0.007 | 0.040 | 0.545 | 0.013 | 6.100 | 402.0 | 15.0L | | |
| | | | | | | | 0.039 | 0.033 | 0.265 | 0.970 | 0.210 | 7.600 | 440.0 | 15.0 | | |
| MAXIMUM | | | | | | | 0.023 | 0.008 | 0.092 | 0.538 | 0.053 | 4.605 | 343.0 | 12.10 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.010 | 0.001 | 0.025 | 0.305 | 0.013 | 0.900 | 240.0 | 3.5 | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 15 01 | 76 | 0830 | | | .3 | | 640 | 4.40 | 13.0 | | | | | | | |
| 11 02 | 76 | 0900 | | | .3 | | 620 | 13.00 | 13.5 | | | | | | | |
| 11 03 | 76 | 0830 | | | .3 | | 472 | 2.00 | 8.0 | | | | | | | |
| 14 04 | 76 | 0810 | | | .3 | | 499 | 2.00 | 10.0 | | | | | | | |
| 10 05 | 76 | 0640 | | | .3 | | 525 | 3.00 | 10.0 | | | | | | | |
| 08 06 | 76 | 0705 | | | .3 | | 405 | 3.00 | 10.0 | | | | | | | |
| 14 07 | 76 | 0830 | | | .3 | | 480 | 1.40 | 13.5 | | | | | | | |
| 11 08 | 76 | 0830 | | | .3 | | 500 | 0.82 | 13.0 | | | | | | | |
| 14 09 | 76 | 0830 | | | .3 | | 482 | 1.90 | 12.5 | | | | | | | |
| 12 10 | 76 | 0910 | | | .3 | | 540 | 4.50 | 16.0 | | | | | | | |
| 15 11 | 76 | 0830 | | | .3 | | 640 | 3.40 | 17.0 | | | | | | | |
| 14 12 | 76 | 0830 | | | .3 | | 650 | 3.60 | 12.0 | | | | | | | |
| | | | | | | | 650 | 13.00 | 17.0 | | | | | | | |
| MAXIMUM | | | | | | | 538 | 3.59 | 12.4 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 405 | 0.82 | 8.0 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: BAYFIELD RIVER
 SAMPLE POINT: FIRST CONCESSION DOWNSTREAM FROM CLINTON
 STATION TYPE: RIVER

STATION ID: 08-0040-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BAYFIELD RIVER

STORET CODE: 02
 002
 0370

| STN NO | 6 | LAT | LONG | U.T.M. 17 0454950.0 4826100.0 4 | REGION 01 | MILEAGE | 13.20 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. MG/L | 5-DAY BOD MG/L |
| 15 01 76 0950 | | | .3 | | 23002 | 4 | | 6600. | 168. | 268. | 0. | 1.0 | 10.0 | 2.1 |
| 11 02 76 0950 | | | .3 | | 23013 | 4 6 | | 22000. | 210. | 396. | 4. L | 1.0 | 10.0 | 0.7 |
| 11 03 76 0950 | | | .3 | | 23024 | 4 6 | | 3800. | 560. | 840. | 8. | 1.0 | 12.5 | 1.0 |
| 14 04 76 0915 | | | .3 | | 23035 | 5 | | 18000. | 2600. | 440. | 16. | 8.0 | 14.0 | 4.2 |
| 10 05 76 1000 | | | .3 | | 23046 | 3 | | 1100. | 290. | 32. | 8. | 13.0 | 13.0 | 0.7 |
| 08 06 76 0805 | | | .3 | | 23057 | 6 7 | | 240. | 32. | 32. | 4. L | 20.0 | 7.5 | 1.1 |
| 14 07 76 0930 | | | .3 | | 23068 | 6 7 | | 340. | 152. | 76. | 4. L | 18.0 | 8.0 | 1.8 |
| 11 08 76 0930 | | | .3 | | 23079 | 7 9 | | 120. | 32. | 440. | 4. L | 21.0 | 7.0 | 1.9 |
| 14 09 76 0940 | | | .3 | | 23090 | 7 9 5 | | 160. | 36. | 60. | 4. L | 17.0 | 12.0 | 1.6 |
| 12 10 76 1000 | | | .3 | | 23101 | 7 6 | | 160. | 12. | 24. | 4. L | 9.0 | 12.5 | 1.0 |
| 15 11 76 1000 | | | .3 | | 23113 | 3 6 | | 14000. | 1560. | 172. | 4. L | 0.0 | 15.5 | 1.1 |
| 14 12 76 1020 | | | .3 | | 23125 | 4 6 | | 24000. | 1500. | 608. | 4. L | 0.0 | 14.0 | 1.5 |
| MAXIMUM | | | | | | | | 24000. | 2600. | 840. | 16. | 21.0 | 15.5 | 4.2 |
| AVG OR GEOM MN (*) | | | | | | | | 1766.* | 200.* | 156.* | 4.* D | 9.1 | 11.3 | 1.6 |
| MINIMUM | | | | | | | | 120. | 12. | 24. | 0. | 0.0 | 7.0 | 0.7 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 15 01 76 0950 | | | .3 | | 0.092 | 0.083 | 0.265 | 0.610 | 0.069 | 5.500 | 406.0 | 15.0L | | |
| 11 02 76 0950 | | | .3 | | 0.102 | 0.083 | 0.240 | 0.455 | 0.095 | 6.600 | 434.0 | 15.0L | | |
| 11 03 76 0950 | | | .3 | | 0.040 | 0.033 | 0.110 | 0.180 | 0.035 | 5.300 | 302.0 | 15.0L | | |
| 14 04 76 0915 | | | .3 | | 0.135 | 0.015 | 0.180 | 1.500 | 0.029 | 3.500 | 364.0 | 10.5 | | |
| 10 05 76 1000 | | | .3 | | 0.028 | 0.013 | 0.005 | 0.390 | 0.024 | 6.400 | 344.0 | 15.0L | | |
| 08 06 76 0805 | | | .3 | | 0.094 | 0.063 | 0.030 | 0.640 | 0.046 | 0.680 | 286.0 | 15.0L | | |
| 14 07 76 0930 | | | .3 | | 0.076 | 0.049 | 0.040 | 0.620 | 0.017 | 1.000 | 358.0 | 11.5 | | |
| 11 08 76 0930 | | | .3 | | 0.153 | 0.119 | 0.080 | 0.665 | 0.012 | 0.200 | 296.0 | 8.5 | | |
| 14 09 76 0940 | | | .3 | | 0.450 | 0.269 | 0.005 | 0.620 | 0.025 | 0.380 | 350.0 | 15.0L | | |
| 12 10 76 1000 | | | .3 | | 0.103 | 0.085 | 0.005 | 0.495 | 0.021 | 0.810 | 384.0 | 0.5L | | |
| 15 11 76 1000 | | | .3 | | 0.111 | 0.090 | 0.125 | 0.570 | 0.019 | 3.300 | 414.0 | 15.0L | | |
| 14 12 76 1020 | | | .3 | | 0.085 | 0.069 | 0.315 | 0.605 | 0.043 | 6.300 | 360.0 | 15.0L | | |
| MAXIMUM | | | | | 0.450 | 0.269 | 0.315 | 1.500 | 0.095 | 6.600 | 434.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.122 | 0.081 | 0.117 | 0.613 | 0.036 | 3.331 | 358.2 | 12.6D | | |
| MINIMUM | | | | | 0.028 | 0.013 | 0.005 | 0.180 | 0.012 | 0.200 | 286.0 | 0.5 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 15 01 76 0950 | | | .3 | | 680 | 0.95 | 21.0 | | | | | | | |
| 11 02 76 0950 | | | .3 | | 670 | 1.80 | 23.5 | | | | | | | |
| 11 03 76 0950 | | | .3 | | 520 | 2.80 | 15.5 | | | | | | | |
| 14 04 76 0915 | | | .3 | | 550 | 4.10 | 25.5 | | | | | | | |
| 10 05 76 1000 | | | .3 | | 540 | 1.70 | 13.5 | | | | | | | |
| 08 06 76 0805 | | | .3 | | 465 | 0.85 | 22.0 | | | | | | | |
| 14 07 76 0930 | | | .3 | | 500 | 0.70 | 24.0 | | | | | | | |
| 11 08 76 0930 | | | .3 | | 510 | 1.00 | 37.0 | | | | | | | |
| 14 09 76 0940 | | | .3 | | 540 | 1.20 | 32.0 | | | | | | | |
| 12 10 76 1000 | | | .3 | | 610 | 0.65 | 35.5 | | | | | | | |
| 15 11 76 1000 | | | .3 | | 730 | 1.10 | 49.0 | | | | | | | |
| 14 12 76 1020 | | | .3 | | 710 | 1.80 | 29.0 | | | | | | | |
| MAXIMUM | | | | | 730 | 4.10 | 49.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 585 | 1.55 | 27.3 | | | | | | | |
| MINIMUM | | | | | 465 | 0.65 | 13.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: BAYFIELD RIVER
 SAMPLE POINT: AT HURON COUNTY ROAD 31 NORTH OF VARNA
 STATION TYPE: RIVER FLOW GAUGE FED 02FF007

STATION ID: 08-0040-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BAYFIELD RIVER

STORET CODE: 02
 002
 037C

| STN NO | B | LAT | LONG | U.T.M. 17 0452400.0 4821925.0 4 | REGION 01 | MILEAGE | 8.80 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 15 01 76 1010 | | | .3 | | 23003 | 4 | 72.00 | 488. | 104. | 16. | 0. | 1.0 | 13.0 | 2.4 |
| 11 02 76 1010 | | | .3 | | 23014 | 4 6 | 105.00 | 3400. | 704. | 236. | 4. L | 1.5 | 11.0 | 1.0 |
| 11 03 76 1010 | | | .3 | | 23025 | 4 6 | 429.00 | 2300. | 880. | 1100. | 4. | 1.0 | 9.0 | 0.1 |
| 14 04 76 0930 | | | .3 | | 23036 | 5 | 95.00 | 2300. | 550. | 130. | 8. | 8.0 | 12.0 | 3.1 |
| 10 05 76 1015 | | | .3 | | 23047 | 3 | 331.00 | 420. | 28. | 32. | 4. L | 13.0 | 12.0 | 1.0 |
| 08 06 76 0830 | | | .3 | | 23058 | 8 6 | 21.20 | 160. | 36. | 8. | 4. L | 19.0 | 8.0 | 0.5 |
| 14 07 76 0945 | | | .3 | | 23069 | 6 8 | 21.80 | 290. | 60. | 68. | 4. | 17.0 | 9.0 | 1.8 |
| 11 08 76 0940 | | | .3 | | 23080 | 6 8 | 5.50 | 420. | 132. | 124. | 4. L | 21.0 | 9.0 | 1.4 |
| 14 09 76 1000 | | | .3 | | 23091 | 7 5 | 7.00 | 180. | 44. | 20. | 4. L | 17.0 | 11.5 | 1.0 |
| 12 10 76 1045 | | | .3 | | 23103 | 7 6 | 17.80 | 180. | 12. | 8. | 4. L | 9.0 | 13.5 | 0.8 |
| 15 11 76 1030 | | | .3 | | 23115 | 3 6 | 67.60 | 1110. | 48. | 76. | 4. L | 1.0 | 15.5 | 1.1 |
| 14 12 76 1045 | | | .3 | | 23127 | 4 6 | 46.00 | 2000. | 396. | 100. | 4. L | 0.0 | 16.5 | 0.4 |
| MAXIMUM | | | | | | | 429.00 | 3400. | 880. | 1100. | 8. | 21.0 | 16.5 | 3.1 |
| AVG OR GEOM MN (°) | | | | | | | 101.58 | 645. | 109. | 58. | 4. D | 9.0 | 11.7 | 1.2 |
| MINIMUM | | | | | | | 5.50 | 160. | 12. | 8. | 0. | 0.0 | 8.0 | 0.1 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 15 01 76 1010 | | | .3 | | 0.047 | 0.044 | 0.115 | 0.455 | 0.039 | 5.400 | 404.0 | 15.0L | | |
| 11 02 76 1010 | | | .3 | | 0.067 | 0.050 | 0.155 | 0.475 | 0.061 | 6.400 | 422.0 | 15.0L | | |
| 11 03 76 1010 | | | .3 | | 0.055 | 0.041 | 0.070 | 0.320 | 0.026 | 5.100 | 312.0 | 15.0L | | |
| 14 04 76 0930 | | | .3 | | 0.079 | 0.013 | 0.085 | 0.805 | 0.027 | 3.900 | 360.0 | 3.0 | | |
| 10 05 76 1015 | | | .3 | | 0.020 | 0.008 | 0.005 | 0.530 | 0.022 | 6.300 | 344.0 | 15.0L | | |
| 08 06 76 0830 | | | .3 | | 0.021 | 0.004 | 0.025 | 0.540 | 0.028 | 0.830 | 256.0 | 15.0L | | |
| 14 07 76 0945 | | | .3 | | 0.020 | 0.004 | 0.025 | 0.530 | 0.010 | 1.100 | 340.0 | 13.0 | | |
| 11 08 76 0940 | | | .3 | | 0.073 | 0.005 | 0.025 | 0.495 | 0.014 | 0.730 | 260.0 | 16.0 | | |
| 14 09 76 1000 | | | .3 | | 0.019 | 0.005 | 0.005 | 0.565 | 0.006 | 0.570 | 350.0 | 6.0 | | |
| 12 10 76 1045 | | | .3 | | 0.019 | 0.005 | 0.005 | 0.465 | 0.007 | 1.030 | 360.0 | 1.0 | | |
| 15 11 76 1030 | | | .3 | | 0.058 | 0.040 | 0.010 | 0.455 | 0.011 | 3.100 | 386.0 | 15.0L | | |
| 14 12 76 1045 | | | .3 | | 0.037 | 0.029 | 0.115 | 0.425 | 0.025 | 5.800 | 362.0 | 15.0L | | |
| MAXIMUM | | | | | 0.079 | 0.050 | 0.155 | 0.805 | 0.061 | 6.400 | 422.0 | 16.0 | | |
| AVG OR GEOM MN (°) | | | | | 0.043 | 0.021 | 0.053 | 0.505 | 0.023 | 3.355 | 346.3 | 12.00 | | |
| MINIMUM | | | | | 0.019 | 0.004 | 0.005 | 0.320 | 0.006 | 0.570 | 256.0 | 1.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 15 01 76 1010 | | | .3 | | 640 | 1.00 | 18.5 | | | | | | | |
| 11 02 76 1010 | | | .3 | | 650 | 1.40 | 25.0 | | | | | | | |
| 11 03 76 1010 | | | .3 | | 500 | 3.00 | 13.0 | | | | | | | |
| 14 04 76 0930 | | | .3 | | 520 | 3.10 | 19.0 | | | | | | | |
| 10 05 76 1015 | | | .3 | | 535 | 1.60 | 12.0 | | | | | | | |
| 08 06 76 0830 | | | .3 | | 440 | 1.50 | 14.0 | | | | | | | |
| 14 07 76 0945 | | | .3 | | 465 | 2.60 | 16.5 | | | | | | | |
| 11 08 76 0940 | | | .3 | | 450 | 6.30 | 12.5 | | | | | | | |
| 14 09 76 1000 | | | .3 | | 500 | 6.70 | 18.0 | | | | | | | |
| 12 10 76 1045 | | | .3 | | 580 | 2.90 | 24.0 | | | | | | | |
| 15 11 76 1030 | | | .3 | | 690 | 1.50 | 47.0 | | | | | | | |
| 14 12 76 1045 | | | .3 | | 680 | 1.80 | 26.0 | | | | | | | |
| MAXIMUM | | | | | 690 | 6.70 | 47.0 | | | | | | | |
| AVG OR GEOM MN (°) | | | | | 554 | 2.78 | 20.5 | | | | | | | |
| MINIMUM | | | | | 440 | 1.00 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: BAYFIELD RIVER
 SAMPLE POINT: AT FIRST CONCESSION WEST OF SEAFORTH
 STATION TYPE: RIVER FLOW GAUGE FED 02FF007

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BAYFIELD RIVER

STATION ID: 08-0040-009-02

STORET CODE: 02
 002
 0370

| STN NO | | 9 | LAT | | LONG | | U.T.M. 17 0465200.0 4821300.0 4 | | | | REGION 01 | | MILEAGE | | 28.20 |
|---------------|------|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 15 01 76 | 0905 | | | .3 | | 23001 | 4 | 72.00 | 11900. | 1400. | 28000. | 0. | 0.0 | 8.5 | 4.8 |
| 11 02 76 | 0930 | | | .3 | | 23012 | 4 6 | 105.00 | 4200. | 310. | 1000. | 4. L | 2.0 | 9.0 | 0.8 |
| 11 03 76 | 0920 | | | .3 | | 23023 | 4 6 | 429.00 | 1220. | 88. | 2100. | 4. | 1.0 | 12.5 | 0.1G |
| 14 04 76 | 0900 | | | .3 | | 23034 | 5 | 95.00 | 24000. | 680. | 180. | 12. | 8.0 | 13.5 | 5.4 |
| 10 05 76 | 0935 | | | .3 | | 23045 | 6 | 331.00 | 2300. | 390. | 160. | 8. | 12.5 | 12.0 | 0.8 |
| 08 06 76 | 0745 | | | .3 | | 23056 | 6 7 | 21.20 | 160. | 52. | 32. | 4. L | 20.0 | 5.0 | 0.9 |
| 14 07 76 | 0855 | | | .3 | | 23067 | 6 | 21.80 | 530. | 268. | 120. | 4. | 22.0 | 7.0 | 2.3 |
| 11 08 76 | 0855 | | | .3 | | 23078 | 7 9 | 5.50 | 800. | 344. | 76. | 4. L | 22.0 | 7.5 | 1.3 |
| 14 09 76 | 0905 | | | .3 | | 23089 | 9 7 5 | 7.00 | 950. | 188. | 56. | 4. L | 17.0 | 8.0 | 1.4 |
| 12 10 76 | 0930 | | | .3 | | 23100 | 7 6 | 17.80 | 530. | 20. | 8. | 4. L | 9.0 | 12.5 | 1.3 |
| 15 11 76 | 0905 | | | .3 | | 23112 | 6 | 67.60 | 19000. | 272. | 80. | 4. L | 0.0 | 15.0 | 1.5 |
| 14 12 76 | 0930 | | | .3 | | 23124 | 4 6 | 46.00 | 27000. | 164. | 168. | 4. L | 0.0 | 15.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

429.00 27000. 1400. 28000. 12. 22.0 15.0 5.4
 101.58 2498.* 212.* 195.* 4.* D 9.5 10.5 1.8G
 5.50 160. 20. 8. 0. 0.0 5.0 0.1

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 15 01 76 0905 | | | .3 | | 0.119 | 0.081 | 1.550 | 1.980 | 0.065 | 5.400 | 424.0 | 15.0L | | |
| 11 02 76 0930 | | | .3 | | 0.097 | 0.077 | 0.455 | 0.545 | 0.065 | 6.600 | 446.0 | 15.0L | | |
| 11 03 76 0920 | | | .3 | | 0.066 | 0.057 | 0.160 | 0.595 | 0.030 | 5.500 | 318.0 | 15.0L | | |
| 14 04 76 0900 | | | .3 | | 0.165 | 0.047 | 0.175 | 1.320 | 0.040 | 3.700 | 410.0 | 15.0 | | |
| 10 05 76 0935 | | | .3 | | 0.020 | 0.008 | 0.015 | 0.205 | 0.024 | 6.500 | 338.0 | 15.0L | | |
| 08 06 76 0745 | | | .3 | | 0.030 | 0.008 | 0.025 | 0.675 | 0.085 | 0.580 | 302.0 | 0.5L | | |
| 14 07 76 0855 | | | .3 | | 0.071 | 0.036 | 0.025 | 0.610 | 0.033 | 1.200 | 374.0 | 12.5 | | |
| 11 08 76 0855 | | | .3 | | 0.064 | 0.020 | 0.035 | 0.620 | 0.006 | 0.090 | 432.0 | 10.5 | | |
| 14 09 76 0905 | | | .3 | | 0.036 | 0.009 | 0.005 | 0.475 | 0.006 | 0.060 | 486.0 | 2.5 | | |
| 12 10 76 0930 | | | .3 | | 0.025 | 0.010 | 0.005 | 0.525 | 0.007 | 0.330 | 378.0 | 0.5L | | |
| 15 11 76 0905 | | | .3 | | 0.066 | 0.024 | 0.505 | 1.500 | 0.033 | 3.300 | 420.0 | 15.0L | | |
| 14 12 76 0930 | | | .3 | | 0.069 | 0.055 | 0.250 | 0.545 | 0.076 | 6.000 | 424.0 | 15.0L | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.165 0.081 1.550 1.980 0.085 6.600 486.0 15.0
 0.069 0.036 0.267 0.800 0.039 3.272 396.0 11.00
 0.020 0.008 0.005 0.205 0.006 0.060 302.0 0.5

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 15 01 76 0905 | | | .3 | | 695 | 1.20 | 19.5 | | | | | | | |
| 11 02 76 0930 | | | .3 | | 690 | 1.90 | 27.5 | | | | | | | |
| 11 03 76 0920 | | | .3 | | 530 | 2.40 | 14.5 | | | | | | | |
| 14 04 76 0900 | | | .3 | | 570 | 6.00 | 28.5 | | | | | | | |
| 10 05 76 0935 | | | .3 | | 550 | 2.00 | 13.0 | | | | | | | |
| 08 06 76 0745 | | | .3 | | 500 | 1.10 | 20.0 | | | | | | | |
| 14 07 76 0855 | | | .3 | | 520 | 1.40 | 24.0 | | | | | | | |
| 11 08 76 0855 | | | .3 | | 670 | 2.00 | 43.0 | | | | | | | |
| 14 09 76 0905 | | | .3 | | 720 | 2.10 | 80.0 | | | | | | | |
| 12 10 76 0930 | | | .3 | | 610 | 1.20 | 33.5 | | | | | | | |
| 15 11 76 0905 | | | .3 | | 720 | 3.70 | 38.5 | | | | | | | |
| 14 12 76 0930 | | | .3 | | 720 | 2.80 | 30.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

720 6.00 80.0
 625 2.32 31.0
 500 1.10 13.0

NO OF SAMPLES

12 12 12

B.O.W./ SITE: BAYFIELD RIVER
 SAMPLE POINT: DOWNSTREAM FROM THE CONFLUENCE WITH GRANT CREEK
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: BAYFIELD RIVER

STATION ID: 08-0040-010-02

STORET CODE: 02
 002
 0370

| STN NO | 10 | LAT | LONG | U.T.M. 17 0453125.0 4823550.0 4 | | | | | | REGION 01 | | MILEAGE | 10.50 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 15 11 76 1015 | | | .3 | | 23114 | 3 6 | | 940. | 120. | 24. | 4. L | 1.0 | 15.5 | 1.1 |
| 14 12 76 1030 | | | .3 | | 23126 | 4 6 | | 8000. | 336. | 164. | 4. L | 0.0 | 15.0 | 0.8 |
| MAXIMUM | | | | | | | | 8000. | 336. | 164. | 4. | 1.0 | 15.5 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | | 2742.* | 201.* | 63.* | 4.* D | 0.5 | 15.3 | 1.0 |
| MINIMUM | | | | | | | | 940. | 120. | 24. | 4. | 0.0 | 15.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 11 | 76 | 1015 | | | .3 | | 0.024 | 0.009 | 0.010 | 0.485 | 0.015 | 6.300 | 370.0 | 15.0L | | |
| 14 | 12 | 76 | 1030 | | | .3 | | 0.057 | 0.047 | 0.165 | 0.550 | 0.031 | 5.800 | 340.0 | 15.0L | | |
| MAXIMUM | | | | | | | | 0.057 | 0.047 | 0.165 | 0.550 | 0.031 | 6.300 | 370.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.041 | 0.028 | 0.088 | 0.518 | 0.023 | 6.050 | 355.0 | 15.00 | | |
| MINIMUM | | | | | | | | 0.024 | 0.009 | 0.010 | 0.485 | 0.015 | 5.800 | 340.0 | 15.0 | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 11 | 76 | 1015 | | | .3 | | 640 | 1.90 | 18.5 | | | | | | | |
| 14 | 12 | 76 | 1030 | | | .3 | | 690 | 1.90 | 29.0 | | | | | | | |
| MAXIMUM | | | | | | | | 690 | 1.90 | 29.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 665 | 1.90 | 23.8 | | | | | | | |
| MINIMUM | | | | | | | | 640 | 1.90 | 18.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: MAITLAND RIVER
SAMPLE POINT: HIGHWAY 21, GODERICH
STATION TYPE: RIVER

STATION ID: 08-0056-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO 1 LAT LONG U.T.M. 17 0443650.0 4844240.0 4 REGION 01 MILEAGE 1.70

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 1525 | | | .3 | | 25014 | 4 | | 80. | 4. | 72. | 0. | 0.0 | 12.0 | 2.0 |
| 10 | 02 | 76 | 1430 | | | .3 | | 25029 | 8 | | 84. | 4. L | 12. | 4. | 0.0 | 10.5 | 0.2 |
| 06 | 04 | 76 | 1340 | | | .3 | | 25059 | 8 | | 4. | 4. | 4. L | 4. L | 10.0 | 11.0 | 0.7 |
| 04 | 05 | 76 | 1420 | | | .3 | | 25074 | 8 | | 20. | 4. L | 4. L | 4. L | 11.0 | 12.0 | 0.8 |
| 09 | 06 | 76 | 1400 | | | .3 | | 25089 | 8 | | 12. | 4. L | 4. L | 4. L | 26.0 | 11.0 | 0.9 |
| 20 | 07 | 76 | 1510 | | | .3 | | 25104 | 8 | | 12. | 4. | 4. L | 4. L | 24.0 | 9.5 | 1.3 |
| 11 | 08 | 76 | 1505 | | | .3 | | 25119 | 8 | | 8. | 4. L | 4. L | 4. L | 26.0 | 9.5 | 1.5 |
| 13 | 09 | 76 | 1450 | | | .3 | | 25136 | 8 | | 60. | 4. L | 4. L | 4. L | 20.0 | 9.5 | 0.5 |
| 09 | 11 | 76 | 1500 | | | .3 | | 25170 | 8 | | 20. | 8. | 4. | 4. L | 2.0 | 12.5 | 0.7 |
| 07 | 12 | 76 | 1510 | | | .3 | | 25187 | 8 | | | | | | 0.0 | 12.0 | 1.5 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|------|-------|-------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | | 84. | 8. | 72. | 4. | 26.0 | 12.5 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 21.* | 4.* D | 6.* D | 3.* D | 11.9 | 11.0 | 1.0 |
| MINIMUM | | | | | | | | | | | 4. | 4. | 4. | 0. | 0.0 | 9.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 9 | 9 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1525 | | | .3 | | 0.006 | 0.003 | 0.005 | 0.425 | 0.011 | 3.100 | 454.0 | 15.0L | | |
| 10 | 02 | 76 | 1430 | | | .3 | | 0.019 | 0.009 | 0.040 | 0.555 | 0.020 | 1.610 | 424.0 | 15.0L | | |
| 06 | 04 | 76 | 1340 | | | .3 | | 0.025 | 0.012 | 0.010 | 0.515 | 0.010 | 1.760 | 286.0 | 15.0L | | |
| 04 | 05 | 76 | 1420 | | | .3 | | 0.013 | 0.004 | 0.025 | 0.550 | 0.007 | 1.410 | 304.0 | 15.0L | | |
| 09 | 06 | 76 | 1400 | | | .3 | | | 0.004 | 0.060 | | 0.009 | 0.080 | 346.0 | 15.5 | | |
| 20 | 07 | 76 | 1510 | | | .3 | | 0.011 | 0.001 | 0.005 | 0.590 | 0.005 | 0.080 | 242.0 | 5.5 | | |
| 11 | 08 | 76 | 1505 | | | .3 | | 0.013 | 0.003 | 0.055 | 0.485 | 0.003 | 0.010L | 226.0 | 6.5 | | |
| 13 | 09 | 76 | 1450 | | | .3 | | 0.007 | 0.001 | 0.025 | 0.525 | 0.003 | 0.180 | 296.0 | 15.0L | | |
| 09 | 11 | 76 | 1500 | | | .3 | | 0.003 | 0.002 | 0.005 | 0.455 | 0.004 | 1.750 | 354.0 | 15.0L | | |
| 07 | 12 | 76 | 1510 | | | .3 | | 0.014 | 0.002 | 0.015 | 0.455 | 0.015 | 4.300 | 436.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|-------|--|--|
| MAXIMUM | | | | | | | | 0.025 | 0.012 | 0.060 | 0.590 | 0.020 | 4.300 | 454.0 | 15.5 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.012 | 0.004 | 0.025 | 0.506 | 0.009 | 1.428D | 336.8 | 13.3D | | |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.005 | 0.425 | 0.003 | 0.010 | 226.0 | 5.5 | | |
| NO OF SAMPLES | | | | | | | | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1525 | | | .3 | | 720 | 0.70 | 39.0 | | | | | | | |
| 10 | 02 | 76 | 1430 | | | .3 | | 655 | 1.20 | 28.5 | | | | | | | |
| 06 | 04 | 76 | 1340 | | | .3 | | 465 | 1.00 | 9.0 | | | | | | | |
| 04 | 05 | 76 | 1420 | | | .3 | | 473 | 0.95 | 9.0 | | | | | | | |
| 09 | 06 | 76 | 1400 | | | .3 | | 375 | 3.50 | 11.0 | | | | | | | |
| 20 | 07 | 76 | 1510 | | | .3 | | 385 | 1.40 | 13.0 | | | | | | | |
| 11 | 08 | 76 | 1505 | | | .3 | | 370 | 2.00 | 16.5 | | | | | | | |
| 13 | 09 | 76 | 1450 | | | .3 | | 417 | 2.10 | 15.0 | | | | | | | |
| 09 | 11 | 76 | 1500 | | | .3 | | 580 | 1.20 | 17.5 | | | | | | | |
| 07 | 12 | 76 | 1510 | | | .3 | | 690 | 0.65 | 28.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 720 | 3.50 | 39.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 513 | 1.47 | 18.7 | | | | | | | |
| MINIMUM | | | | | | | | 370 | 0.65 | 9.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: BLYTH BROOK
SAMPLE POINT: AT SIDE ROAD, WEST OF BLYTH
STATION TYPE: RIVER FLOW GAUGE MOE 02FE105

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STATION ID: 08-0056-002-02

STORET CODE: 02
002
0530

| STN NO | | 2 | LAT | | LONG | | U.T.M. 17 0464100.0 4843875.0 4 | | | | REGION 01 | | MILEAGE | 31.70 | |
|---------------|----|------|------|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 | 01 | 76 | 1355 | .3 | | 25011 | 8 | | 4400. | 216. | 76. | 0. | 0.0 | 10.5 | 1.2 |
| 10 | 02 | 76 | 1315 | .3 | | 25026 | 4 | | 6800. | 420. | 130. | 4. L | 0.0 | 9.5 | 0.8 |
| 06 | 04 | 76 | 1200 | .3 | | 25056 | 8 | | 1700. | 108. | 12. | 4. L | 9.0 | 11.5 | 0.7 |
| 04 | 05 | 76 | 1315 | .3 | | 25071 | 8 | | 2030. | 172. | 16. | 4. L | 0.0 | 12.5 | 0.6 |
| 09 | 06 | 76 | 1150 | .3 | | 25086 | 8 | | 20. | 12. | 4. L | 4. L | 23.0 | 11.0 | 1.3 |
| 20 | 07 | 76 | 1355 | .3 | | 25101 | 8 | | 200. | 16. | 4. L | 4. L | 22.0 | 8.5 | 1.3 |
| 11 | 08 | 76 | 1400 | .3 | | 25116 | 8 | | 40. | 4. | 4. L | 8. L | 24.0 | 12.0 | 1.5 |
| 13 | 09 | 76 | 1215 | .3 | | 25132 | 8 9 | | 152. | 48. | 12. | 4. L | 20.0 | 11.0 | 1.2 |
| 09 | 11 | 76 | 1330 | .3 | | 25166 | 8 | | 7400. | 24. | 40. | 4. L | 1.0 | 13.5 | 0.7 |
| 07 | 12 | 76 | 1355 | .3 | | 25183 | 4 | | 65000. | 800. | 500. | 4. L | 0.0 | 11.5 | 1.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|----------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | MG/L | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1355 | .3 | | | 0.025 | 0.015 | 0.045 | 0.605 | 0.015 | 3.300 | | | | |
| 10 02 76 1315 | .3 | | | 0.045 | 0.031 | 0.060 | 0.545 | 0.033 | 3.100 | | | | |
| 06 04 76 1200 | .3 | | | 0.026 | 0.011 | 0.025 | 0.555 | 0.012 | 1.600 | | | | |
| 04 05 76 1315 | .3 | | | 0.043 | 0.033 | 0.020 | 0.500 | 0.009 | 1.120 | | | | |
| 09 06 76 1150 | .3 | | | 0.051 | 0.005 | 0.055 | 0.635 | 0.072 | 0.600 | | | | |
| 20 07 76 1355 | .3 | | | 0.038 | 0.017 | 0.005L | 0.675 | 0.163 | 0.230 | | | | |
| 11 08 76 1400 | .3 | | | 0.020 | 0.008 | 0.060 | 0.545 | 0.008 | 0.020 | | | | |
| 13 09 76 1215 | .3 | | | 0.050 | 0.007 | 0.020 | 0.855 | 0.011 | 0.390 | | | | |
| 09 11 76 1330 | .3 | | | 0.019 | 0.011 | 0.015 | 0.475 | 0.013 | 1.090 | | | | |
| 07 12 76 1355 | .3 | | | 0.029 | 0.017 | 0.040 | 0.505 | 0.012 | 3.900 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|----------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 07 01 76 1355 | .3 | | | 590 | 3.00 | 9.5 | | | | | | | |
| 10 02 76 1315 | .3 | | | 585 | 1.40 | 12.0 | | | | | | | |
| 06 04 76 1200 | .3 | | | 455 | 2.60 | 8.5 | | | | | | | |
| 04 05 76 1315 | .3 | | | 500 | 1.00 | 8.0 | | | | | | | |
| 09 06 76 1150 | .3 | | | 500 | 1.40 | 6.0 | | | | | | | |
| 20 07 76 1355 | .3 | | | 470 | 1.50 | 7.0 | | | | | | | |
| 11 08 76 1400 | .3 | | | 450 | 1.30 | 9.0 | | | | | | | |
| 13 09 76 1215 | .3 | | | 540 | 1.70 | 8.0 | | | | | | | |
| 09 11 76 1330 | .3 | | | 600 | 1.70 | 11.5 | | | | | | | |
| 07 12 76 1355 | .3 | | | 610 | 1.70 | 14.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY NO 86 2 MILES NORTH WEST OF WINGHAM
STATION TYPE: RIVER FLOW GAUGE FED 02FE005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STATION ID: 08-0056-003-02

STORET CODE: 02
002
0530

| STN NO | | 3 | LAT | | LONG | | U.T.M. 17 0471550.0 4860150.0 4 | | | | REGION 01 | | MILEAGE | 48.00 | |
|---------------|----|-----|------|------|------|-------|---------------------------------|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOC |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 07 | 01 | 76 | 0915 | | | .3 | 25001 | 8 | 205.00 | 1020. | 176. | 156. | 4. | 0.0 | 1.0 |
| 10 | 02 | 76 | 0740 | | | .3 | 25016 | 4 | 168.00 | 2100. | 240. | 52. | 4. L | 0.0 | 1.0 |
| 09 | 03 | 76 | 0745 | | | .3 | 25031 | 3 | 1100.00 | | | | | 0.0 | 0.9 |
| 06 | 04 | 76 | 0830 | | | .3 | 25046 | 8 | 494.00 | 130. | 12. | 4. | 4. L | 7.0 | 0.8 |
| 04 | 05 | 76 | 0900 | | | .3 | 25061 | 8 | 402.00 | 140. | 4. L | 4. L | 4. L | 5.0 | 0.8 |
| 09 | 06 | 76 | 0745 | | | .3 | 25076 | 8 | 55.40 | 20. | 16. | 12. | 4. L | 16.0 | 1.1 |
| 20 | 07 | 76 | 0850 | | | .3 | 25091 | 8 | 44.10 | 76. | 4. | 8. | 4. | 21.0 | 0.9 |
| 11 | 08 | 76 | 0910 | | | .3 | 25106 | 8 | 29.80 | 210. | 36. | 4. L | 4. L | 21.0 | 1.0 |
| 13 | 09 | 76 | 0900 | | | .3 | 25121 | 8 | 54.40 | 2600. | 112. | 20. | 12. | 15.0 | 0.5 |
| 09 | 11 | 76 | 0850 | | | .3 | 25155 | 8 | 82.80 | 1160. | 80. | 24. | 4. | 0.0 | 0.4 |
| 07 | 12 | 76 | 0900 | | | .3 | 25172 | 8 | 126.00 | 564. | 32. | 32. | 4. L | 0.0 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 0915 | | | .3 | 0.027 | 0.020 | 0.055 | 0.630 | 0.017 | 2.810 | 400.0 | 15.0L | | |
| 10 | 02 | 76 | 0740 | | | .3 | 0.035 | 0.025 | 0.125 | 0.515 | 0.047 | 2.800 | 388.0 | 15.0L | | |
| 09 | 03 | 76 | 0745 | | | .3 | 0.060 | 0.039 | 0.100 | 0.595 | 0.016 | 2.090 | 286.0 | 15.0L | | |
| 06 | 04 | 76 | 0830 | | | .3 | 0.045 | 0.026 | 0.025 | 0.595 | 0.017 | 1.710 | 314.0 | 15.0L | | |
| 04 | 05 | 76 | 0900 | | | .3 | 0.037 | 0.007 | 0.015 | 0.575 | 0.009 | 0.970 | 322.0 | 15.0L | | |
| 09 | 06 | 76 | 0745 | | | .3 | | 0.006 | 0.050 | | 0.068 | 0.330 | 334.0 | 15.5 | | |
| 20 | 07 | 76 | 0850 | | | .3 | 0.030 | 0.008 | 0.005L | 0.650 | 0.065 | 0.180 | 266.0 | 10.5 | | |
| 11 | 08 | 76 | 0910 | | | .3 | 0.041 | 0.015 | 0.015 | 0.625 | 0.028 | 0.100 | 268.0 | 12.0 | | |
| 13 | 09 | 76 | 0900 | | | .3 | 0.022 | 0.009 | 0.035 | 0.510 | 0.004 | 0.130 | 310.0 | 15.0L | | |
| 09 | 11 | 76 | 0850 | | | .3 | 0.033 | 0.023 | 0.020 | 0.530 | 0.005 | 1.020 | 390.0 | 15.0L | | |
| 07 | 12 | 76 | 0900 | | | .3 | 0.021 | 0.011 | 0.085 | 0.565 | 0.019 | 3.500 | 416.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|-------|--|--|
| | | | | | | | 0.060 | 0.039 | 0.125 | 0.650 | 0.068 | 3.500 | 416.0 | 15.5 | | |
| | | | | | | | 0.035 | 0.017 | 0.048D | 0.579 | 0.027 | 1.422 | 335.8 | 14.4D | | |
| | | | | | | | 0.021 | 0.006 | 0.005 | 0.510 | 0.004 | 0.100 | 266.0 | 10.5 | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | 10 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 0915 | | | .3 | 630 | 1.00 | 11.5 | | | | | | | |
| 10 | 02 | 76 | 0740 | | | .3 | 615 | 0.80 | 15.0 | | | | | | | |
| 09 | 03 | 76 | 0745 | | | .3 | 414 | 3.70 | 7.5 | | | | | | | |
| 06 | 04 | 76 | 0830 | | | .3 | 490 | 2.00 | 9.5 | | | | | | | |
| 04 | 05 | 76 | 0900 | | | .3 | 520 | 1.00 | 9.0 | | | | | | | |
| 09 | 06 | 76 | 0745 | | | .3 | 465 | 1.60 | 10.5 | | | | | | | |
| 20 | 07 | 76 | 0850 | | | .3 | 445 | 2.10 | 130.0 | | | | | | | |
| 11 | 08 | 76 | 0910 | | | .3 | 440 | 2.50 | 16.5 | | | | | | | |
| 13 | 09 | 76 | 0900 | | | .3 | 439 | 2.60 | 15.0 | | | | | | | |
| 09 | 11 | 76 | 0850 | | | .3 | 620 | 0.90 | 16.0 | | | | | | | |
| 07 | 12 | 76 | 0900 | | | .3 | 660 | 0.85 | 14.0 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-----|------|-------|--|--|--|--|--|--|--|
| | | | | | | | 660 | 3.70 | 130.0 | | | | | | | |
| | | | | | | | 522 | 1.73 | 23.1 | | | | | | | |
| | | | | | | | 414 | 0.80 | 7.5 | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: MAITLAND RIVER
SAMPLE POINT: ONE MILE NORTH EAST OF WROXETER
STATION TYPE: RIVER

STATION ID: 08-QQ56-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO 4 LAT LONG U.T.M. 17 0487150.0 4857075.0 4 REGION 01 MILEAGE 62.40

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 0840 | | | .3 | 25000 | 4 | | 160. | 8. | 156. | 0. | 0.0 | 12.0 | 2.8 |
| 10 | 02 | 76 | 0845 | | | .3 | 25015 | 4 | | 660. | 130. | 72. | 4. L | 0.0 | 10.5 | 0.7 |
| 09 | 03 | 76 | 0830 | | | .3 | 25030 | 3 | | | | | | 0.0 | 12.0 | 0.9 |
| 06 | 04 | 76 | 0915 | | | .3 | 25045 | 8 | | 120. | 4. L | 16. | 4. L | 7.0 | 10.0 | 0.7 |
| 04 | 05 | 76 | 0840 | | | .3 | 25090 | 8 | | 170. | 48. | 128. | 4. L | 5.0 | 10.5 | 0.9 |
| 09 | 06 | 76 | 0830 | | | .3 | 25075 | 8 | | 52. | 4. L | 4. L | 4. L | 17.0 | 5.0 | 1.0 |
| 20 | 07 | 76 | 0855 | | | .3 | 25075 | 8 | | 300. | 8. | 4. | 8. | 21.0 | 8.5 | 0.9 |
| 11 | 08 | 76 | 0845 | | | .3 | 25090 | 8 | | 228. | 430. | 4. | 4. L | 20.0 | 7.5 | 1.2 |
| 13 | 09 | 76 | 0830 | | | .3 | 25105 | 8 | | 96. | 32. | 4. | 4. L | 17.0 | 8.5 | 0.5 |
| 09 | 11 | 76 | 0830 | | | .3 | 25120 | 8 | | 480. | 20. | 8. | 4. L | 0.0 | 12.0 | 1.0 |
| 07 | 12 | 76 | 0835 | | | .3 | 25154 | 8 | | 212. | 16. | 40. | 4. L | 0.0 | 10.0 | 1.7 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|-------|------|------|-----|
| | | | | | | | | | | 660. | 430. | 156. | 8. | 21.0 | 12.0 | 2.8 |
| | | | | | | | | | | 194.* | 22.* D | 17.* D | 4.* D | 7.9 | 9.7 | 1.1 |
| | | | | | | | | | | 52. | 4. | 4. | 0. | 0.0 | 5.0 | 0.5 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 10 | 10 | 10 | 10 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|-------------|-------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 0840 | | | .3 | 0.031 | 0.005 | 0.080 | 0.855 | 0.015 | 2.220 | | | | |
| 10 | 02 | 76 | 0845 | | | .3 | 0.033 | 0.018 | 0.005 | 0.525 | 0.043 | 2.400 | | | | |
| 09 | 03 | 76 | 0830 | | | .3 | 0.027 | 0.025 | 0.065 | 0.365 | 0.015 | 2.900 | | | | |
| 06 | 04 | 76 | 0815 | | | .3 | 0.043 | 0.035 | 0.065 | 0.415 | 0.013 | 1.600 | | | | |
| 04 | 05 | 76 | 0840 | | | .3 | 0.011 | 0.005 | 0.015 | 0.555 | 0.010 | 1.020 | | | | |
| 09 | 06 | 76 | 0830 | | | .3 | 0.022 | 0.004 | 0.095 | 0.560 | 0.061 | 0.620 | | | | |
| 20 | 07 | 76 | 0855 | | | .3 | 0.019 | 0.002 | 0.050 | 0.640 | 0.047 | 0.360 | | | | |
| 11 | 08 | 76 | 0845 | | | .3 | 0.016 | 0.005 | 0.005L | 0.640 | 0.020 | 0.360 | | | | |
| 13 | 09 | 76 | 0830 | | | .3 | 0.025 | 0.015 | 0.040 | 0.680 | 0.009 | 0.440 | | | | |
| 09 | 11 | 76 | 0830 | | | .3 | 0.013 | 0.007 | 0.010 | 0.495 | 0.006 | 1.040 | | | | |
| 07 | 12 | 76 | 0835 | | | .3 | 0.020 | 0.003 | 0.085 | 0.695 | 0.014 | 2.800 | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|--|--|--|--|
| | | | | | | | 0.043 | 0.035 | 0.095 | 0.855 | 0.061 | 2.900 | | | | |
| | | | | | | | 0.024 | 0.011 | 0.045D | 0.584 | 0.023 | 1.433 | | | | |
| | | | | | | | 0.011 | 0.002 | 0.005 | 0.365 | 0.006 | 0.360 | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | 11 | 11 | 10 | 11 | 11 | 11 | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 0840 | | | .3 | | 610 | 3.70 | 13.0 | | | | | | | |
| 10 | 02 | 76 | 0845 | | | .3 | | 590 | 2.40 | 11.0 | | | | | | | |
| 09 | 03 | 76 | 0830 | | | .3 | | 446 | 2.00 | 8.0 | | | | | | | |
| 06 | 04 | 76 | 0815 | | | .3 | | 474 | 1.60 | 10.0 | | | | | | | |
| 04 | 05 | 76 | 0840 | | | .3 | | 500 | 0.95 | 9.5 | | | | | | | |
| 09 | 06 | 76 | 0830 | | | .3 | | 480 | 1.10 | 10.0 | | | | | | | |
| 20 | 07 | 76 | 0855 | | | .3 | | 465 | 1.10 | 10.5 | | | | | | | |
| 11 | 08 | 76 | 0845 | | | .3 | | 470 | 1.20 | 13.5 | | | | | | | |
| 13 | 09 | 76 | 0830 | | | .3 | | 460 | 1.40 | 14.0 | | | | | | | |
| 09 | 11 | 76 | 0830 | | | .3 | | 600 | 1.60 | 13.0 | | | | | | | |
| 07 | 12 | 76 | 0835 | | | .3 | | 650 | 1.80 | 17.0 | | | | | | | |

MAXIMUM 650 3.70 17.0
 AVG OR GEOM MN (") 522 1.71 11.8
 MINIMUM 446 0.95 8.0
 NO OF SAMPLES 11 11 11

B.O.W./ SITE: WALLACE DRAIN
 SAMPLE POINT: HIGHWAY 23 3 MILES SOUTH WEST OF PALMERSTON
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: MAITLAND RIVER

STATION ID: 08-0056-005-02

STORET CODE: 02
 002
 0530

| STN NO | | | | 5 | LAT | | LONG | | U.T.M. 17 0509025.0 4851100.0 4 | | | | REGION 01 | | MILEAGE | | 82.00 |
|---------------|----|----|------|------|-----|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 | 01 | 76 | 1025 | | | .3 | | 25003 | 8 | | 43000E+1 | 30000E+1 | 480. | 68. | 0.0 | 8.5 | 4.0 |
| 10 | 02 | 76 | 0945 | | | .3 | | 25018 | 4 | | 11000E+1 | 1100. | 4300. | 24. | 0.0 | 9.5 | 2.2 |
| 06 | 04 | 76 | 0920 | | | .3 | | 25048 | 8 | | 5300. | 1400. | 400. | 12. | 6.0 | 9.0 | 1.2 |
| 04 | 05 | 76 | 0940 | | | .3 | | 25063 | 8 | | 16000. | 1600. | 220. | 4. | 6.0 | 10.5 | 1.4 |
| 09 | 06 | 76 | 0905 | | | .3 | | 25078 | 7 9 | | 740. | 280. | 12. | 4. | 17.0 | 8.5 | 5.6 |
| 20 | 07 | 76 | 0945 | | | .3 | | 25093 | 9 | | 17000. | 13400. | 164. | 24. | 19.0 | 7.0 | 4.0 |
| 11 | 08 | 76 | 1000 | | | .3 | | 25108 | 7 | | 1300. | 440. | 44. | 4. | 20.0 | 8.5 | 7.1L |
| 13 | 09 | 76 | 1010 | | | .3 | | 25124 | 8 | | 1900. | 380. | 24. | 4. | 17.0 | 7.5 | 6.8L |
| 09 | 11 | 76 | 1025 | | | .3 | | 25158 | 8 | | 11000E+1 | 8000. | 7800. | 24. | 1.0 | 7.0 | 7.6 |
| 07 | 12 | 76 | 1025 | | | .3 | | 25175 | 8 | | 26000E+1 | 39000. | 8100. | 16. | 0.0 | 8.5 | 6.8 |

MAXIMUM 43000E+1 30000E+1 8100. 68. 20.0 10.5 7.6
 AVG OR GEOM MN (") 17996. 3281. 345. 12. 8.6 8.5 4.7D
 MINIMUM 740. 280. 12. 4. 0.0 7.0 1.2
 NO OF SAMPLES 10 10 10 10 10 10 10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1025 | | | .3 | | 0.590 | 0.490 | 3.050 | 3.650 | 0.031 | 1.930 | | | | |
| 10 | 02 | 76 | 0945 | | | .3 | | 0.510 | 0.430 | 0.650 | 2.780 | 0.139 | 1.350 | | | | |
| 06 | 04 | 76 | 0920 | | | .3 | | 0.210 | 0.163 | 0.670 | 0.800 | 0.030 | 1.640 | | | | |
| 04 | 05 | 76 | 0940 | | | .3 | | 0.345 | 0.266 | 0.750 | 0.925 | 0.108 | 1.320 | | | | |
| 09 | 06 | 76 | 0905 | | | .3 | | 2.150 | 1.350 | 0.005L | 0.900 | 0.030 | 4.900 | | | | |
| 20 | 07 | 76 | 0945 | | | .3 | | 2.700 | 0.015 | 0.015 | 1.150 | 0.020 | 6.300 | | | | |
| 11 | 08 | 76 | 1000 | | | .3 | | 3.000 | 3.060 | 0.015 | 0.990 | 0.020 | 4.400 | | | | |
| 13 | 09 | 76 | 1010 | | | .3 | | 2.400 | 1.950 | 6.900 | 7.900 | 0.227 | 0.500 | | | | |
| 09 | 11 | 76 | 1025 | | | .3 | | 0.890 | 0.810 | 3.550 | 4.700 | 0.054 | 0.930 | | | | |
| 07 | 12 | 76 | 1025 | | | .3 | | 0.600 | 0.480 | 2.350 | 2.950 | 0.047 | 2.040 | | | | |

MAXIMUM 3.000 3.060 6.900 7.900 0.227 6.300
 AVG OR GEOM MN (") 1.340 0.901 1.796D 2.675 0.071 2.531
 MINIMUM 0.210 0.015 0.005 0.800 0.020 0.500
 NO OF SAMPLES 10 10 10 10 10 10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1025 | | | .3 | | 750 | 8.90 | 34.5 | | | | | | | |
| 10 | 02 | 76 | 0945 | | | .3 | | 720 | 5.20 | 17.5 | | | | | | | |
| 06 | 04 | 76 | 0920 | | | .3 | | 580 | 3.00 | 26.5 | | | | | | | |
| 04 | 05 | 76 | 0940 | | | .3 | | 650 | 1.80 | 28.0 | | | | | | | |
| 09 | 06 | 76 | 0905 | | | .3 | | 820 | 1.50 | 58.0 | | | | | | | |
| 20 | 07 | 76 | 0945 | | | .3 | | 840 | 2.50 | 58.0 | | | | | | | |
| 11 | 08 | 76 | 1000 | | | .3 | | 820 | 1.70 | 63.0 | | | | | | | |
| 13 | 09 | 76 | 1010 | | | .3 | | 880 | 2.00 | 56.0 | | | | | | | |
| 09 | 11 | 76 | 1025 | | | .3 | | 850 | 2.20 | 45.0 | | | | | | | |
| 07 | 12 | 76 | 1025 | | | .3 | | 790 | 1.60 | 35.0 | | | | | | | |

MAXIMUM 880 8.90 63.0
 AVG OR GEOM MN (") 770 3.04 42.2
 MINIMUM 580 1.50 17.5
 NO OF SAMPLES 10 10 10

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: HIGHWAY 87, DOWNSTREAM FROM HARRISTON
STATION TYPE: RIVER

STATION ID: 08-0056-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | 7 | LAT | LONG | U.T.M. 17 0508600.0 4860950.0 4 | REGION 02 | MILEAGE | 83.80 | | | | | | | | | |
|--------------------|--------|---------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 1010 | | | .3 | | 25002 | 4 | | 35000. | 3500. | 1500. | 12. | 0.0 | 10.0 | 1.7 |
| 10 | 02 | 76 0920 | | | .3 | | 25017 | 4 | | 31000E+1 | 3800. | 1160. | 16. | 0.0 | 9.0 | 2.0 |
| 09 | 03 | 76 0900 | | | .3 | | 25032 | 3 | | | | | | 0.0 | 10.0 | 0.7 |
| 06 | 04 | 76 0905 | | | .3 | | 25047 | 8 | | 22000. | 3600. | 290. | 4. | 6.0 | 9.5 | 2.0 |
| 04 | 05 | 76 0925 | | | .3 | | 25062 | 8 | | 1320. | 500. | 20. | 4. | 5.0 | 10.5 | 0.7 |
| 09 | 06 | 76 0850 | | | .3 | | 25077 | 7 | | 600. | 20. | 4. L | 4. | 18.0 | 4.0 | 1.5 |
| 20 | 07 | 76 0930 | | | .3 | | 25092 | 7 | | 1000. | 124. | 4. | 12. | 21.0 | 7.0 | 1.2 |
| 11 | 08 | 76 0945 | | | .3 | | 25107 | 7 | | 1500. | 56. | 4. L | 4. L | 21.0 | 9.0 | 1.5 |
| 13 | 09 | 76 0955 | | | .3 | | 25123 | 7 | | 116. | 48. | 4. L | 4. L | 16.0 | 9.0 | 0.7 |
| 09 | 11 | 76 1010 | | | .3 | | 25157 | 8 | | 3400. | 520. | 84. | 4. L | 0.0 | 12.5 | 1.6 |
| 07 | 12 | 76 1010 | | | .3 | | 25174 | 4 | | 1900. | 84. | 124. | 4. L | 0.0 | 11.0 | 1.4 |
| MAXIMUM | | | | | | | | | | 31000E+1 | 3800. | 1500. | 16. | 21.0 | 12.5 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 3410.* | 305.* | 44.* D | 6.* D | 7.9 | 9.2 | 1.4 |
| MINIMUM | | | | | | | | | | 116. | 20. | 4. | 4. | 0.0 | 4.0 | 0.7 |
| NO OF SAMPLES | | | | | | | | | | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 | 01 | 76 1010 | | | .3 | | 0.093 | 0.071 | 0.280 | 1.030 | 0.017 | 1.560 | 412.0 | 4.5 | | |
| 10 | 02 | 76 0920 | | | .3 | | 0.124 | 0.091 | 0.410 | 1.050 | 0.030 | 0.820 | 414.0 | 15.0L | | |
| 09 | 03 | 76 0900 | | | .3 | | 0.057 | 0.055 | 0.135 | 0.465 | 0.015 | 1.820 | 296.0 | 15.0L | | |
| 06 | 04 | 76 0905 | | | .3 | | 0.330 | 0.279 | 0.435 | 0.950 | 0.014 | 0.910 | 330.0 | 15.0L | | |
| 04 | 05 | 76 0925 | | | .3 | | 0.014 | 0.007 | 0.015 | 0.520 | 0.009 | 0.470 | 332.0 | 15.0L | | |
| 09 | 06 | 76 0850 | | | .3 | | | 0.240 | 0.180 | | 0.099 | 0.050 | 400.0 | 14.0 | | |
| 20 | 07 | 76 0930 | | | .3 | | 0.035 | 0.017 | 0.005L | 0.630 | 0.088 | 0.050 | 348.0 | 5.0 | | |
| 11 | 08 | 76 0945 | | | .3 | | 0.059 | 0.031 | 0.015 | 0.695 | 0.053 | 0.060 | 348.0 | 6.0 | | |
| 13 | 09 | 76 0955 | | | .3 | | 0.047 | 0.024 | 0.050 | 0.655 | 0.007 | 0.050 | 362.0 | 15.0L | | |
| 09 | 11 | 76 1010 | | | .3 | | 0.097 | 0.073 | 0.160 | 0.745 | 0.014 | 0.740 | 400.0 | 15.0L | | |
| 07 | 12 | 76 1010 | | | .3 | | 0.017 | 0.007 | 0.035 | 0.380 | 0.010 | 1.840 | 394.0 | 15.0L | | |
| MAXIMUM | | | | | | | 0.330 | 0.279 | 0.435 | 1.050 | 0.099 | 1.840 | 414.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.087 | 0.081 | 0.156D | 0.712 | 0.032 | 0.761 | 366.9 | 12.2D | | |
| MINIMUM | | | | | | | 0.014 | 0.007 | 0.005 | 0.380 | 0.007 | 0.050 | 296.0 | 4.5 | | |
| NO OF SAMPLES | | | | | | | 10 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | | |
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 | 01 | 76 1010 | | | .3 | | 655 | 2.20 | 14.5 | | | | | | | |
| 10 | 02 | 76 0920 | | | .3 | | 640 | 2.30 | 17.0 | | | | | | | |
| 09 | 03 | 76 0900 | | | .3 | | 445 | 1.70 | 10.0 | | | | | | | |
| 06 | 04 | 76 0905 | | | .3 | | 520 | 1.70 | 15.0 | | | | | | | |
| 04 | 05 | 76 0925 | | | .3 | | 530 | 1.00 | 10.0 | | | | | | | |
| 09 | 06 | 76 0850 | | | .3 | | 560 | 0.90 | 13.0 | | | | | | | |
| 20 | 07 | 76 0930 | | | .3 | | 540 | 1.20 | 10.0 | | | | | | | |
| 11 | 08 | 76 0945 | | | .3 | | 550 | 1.40 | 10.5 | | | | | | | |
| 13 | 09 | 76 0955 | | | .3 | | 520 | 1.90 | 11.0 | | | | | | | |
| 09 | 11 | 76 1010 | | | .3 | | 630 | 1.70 | 14.5 | | | | | | | |
| 07 | 12 | 76 1010 | | | .3 | | 650 | 1.40 | 13.5 | | | | | | | |
| MAXIMUM | | | | | | | 655 | 2.30 | 17.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 567 | 1.58 | 12.6 | | | | | | | |
| MINIMUM | | | | | | | 445 | 0.90 | 10.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HAMLET OF TROWBRIDGE
STATION TYPE: RIVER

STATION ID: 08-0056-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | 9 | LAT | LONG | U.T.M. 17 0497720.0 4841750.0 4 | | | | REGION 01 | MILEAGE | 87.60 | | | | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 01 76 1145 | | | .3 | | 25007 | 4 | | 1500. | 276. | 216. | 0. | 0.0 | 9.5 | 1.4 |
| 10 02 76 1055 | | | .3 | | 25022 | 4 | | 7600. | 370. | 110. | 4. L | 0.0 | 7.0 | 2.5 |
| 09 03 76 1030 | | | .3 | | 25037 | 3 | | | | | | 1.0 | 10.5 | 1.0 |
| 06 04 76 1035 | | | .3 | | 25052 | 8 | | 160. | 12. | 4. L | 4. L | 8.0 | 10.5 | 1.6 |
| 04 05 76 1110 | | | .3 | | 25067 | 8 | | 14500E+1 | 96. | 20. | 4. L | 7.0 | 13.0 | 1.7 |
| 09 06 76 1005 | | | .3 | | 25082 | 7 9 | | 40. | 12. | 4. L | 4. L | 23.0 | 6.0 | 1.2 |
| 20 07 76 1140 | | | .3 | | 25097 | 8 9 | | 300. | 64. | 4. | 40. | 22.0 | 8.5 | 4.0 |
| 11 08 76 1110 | | | .3 | | 25112 | 9 8 | | 68. | 20. | 4. L | 4. L | 23.0 | 11.5 | 2.4 |
| 13 09 76 1100 | | | .3 | | 25128 | 8 | | 88. | 20. | 4. L | 4. L | 19.0 | 10.0 | 1.1 |
| 09 11 76 1135 | | | .3 | | 25162 | 8 | | 1200. | 48. | 28. | 4. L | 0.0 | 13.5 | 2.1 |
| 07 12 76 1140 | | | .3 | | 25179 | 4 | | 21000. | 400. | 600. | 20. | 0.0 | 11.5 | 1.2 |
| MAXIMUM | | | | | | | | 14500E+1 | 400. | 600. | 40. | 23.0 | 13.5 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | 929.* | 61.* | 20.* D | 5.* D | 9.4 | 10.1 | 1.8 |
| MINIMUM | | | | | | | | 40. | 12. | 4. | 0. | 0.0 | 6.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 320 | 10 | 10 | 10 | 11 | 11 | 11 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1145 | | | .3 | | 0.182 | 0.147 | 0.525 | 1.170 | 0.017 | 2.220 | | | | |
| 10 02 76 1055 | | | .3 | | 0.290 | 0.279 | 1.100 | 1.980 | 0.036 | 1.540 | | | | |
| 09 03 76 1030 | | | .3 | | 0.193 | 0.100 | 0.370 | 0.800 | 0.015 | 2.400 | | | | |
| 06 04 76 1035 | | | .3 | | 0.123 | 0.073 | 0.250 | 0.740 | 0.020 | 1.590 | | | | |
| 04 05 76 1110 | | | .3 | | 0.042 | 0.015 | 0.080 | 0.545 | 0.011 | 0.750 | | | | |
| 09 06 76 1005 | | | .3 | | 0.036 | 0.007 | 0.035 | 0.925 | 0.006 | 0.010L | | | | |
| 20 07 76 1140 | | | .3 | | 0.400 | 0.169 | 0.325 | 1.800 | 0.052 | 0.080 | | | | |
| 11 08 76 1110 | | | .3 | | 0.190 | 0.153 | 0.090 | 0.900 | 0.070 | 0.080 | | | | |
| 13 09 76 1100 | | | .3 | | 0.113 | 0.072 | 0.005L | 0.875 | 0.002 | 0.010L | | | | |
| 09 11 76 1135 | | | .3 | | 0.184 | 0.141 | 1.140 | 2.000 | 0.017 | 0.720 | | | | |
| 07 12 76 1140 | | | .3 | | 0.129 | 0.083 | 1.200 | 1.650 | 0.019 | 2.600 | | | | |

MAXIMUM 0.400 0.279 1.200 2.000 0.070 2.600
 AVG OR GEOM MN (") 0.171 0.113 0.4690 1.217 0.024 1.0910
 MINIMUM 0.036 0.007 0.005 0.545 0.002 0.010

NO OF SAMPLES 11 11 11 11 11 11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 07 01 76 1145 | | | .3 | | 710 | 1.50 | 29.0 | | | | | | | |
| 10 02 76 1055 | | | .3 | | 835 | 2.10 | 42.0 | | | | | | | |
| 09 03 76 1030 | | | .3 | | 480 | 1.50 | 16.5 | | | | | | | |
| 06 04 76 1035 | | | .3 | | 540 | 2.00 | 20.5 | | | | | | | |
| 04 05 76 1110 | | | .3 | | 540 | 1.40 | 18.5 | | | | | | | |
| 09 06 76 1005 | | | .3 | | 435 | 1.40 | 26.5 | | | | | | | |
| 20 07 76 1140 | | | .3 | | 600 | 4.60 | 58.0 | | | | | | | |
| 11 08 76 1110 | | | .3 | | 660 | 3.10 | 63.0 | | | | | | | |
| 13 09 76 1100 | | | .3 | | 630 | 2.30 | 65.0 | | | | | | | |
| 09 11 76 1135 | | | .3 | | 790 | 1.90 | 56.0 | | | | | | | |
| 07 12 76 1140 | | | .3 | | 790 | 1.70 | 47.0 | | | | | | | |

MAXIMUM 835 4.60 65.0
 AVG OR GEOM MN (") 637 2.14 40.2
 MINIMUM 435 1.40 16.5

NO OF SAMPLES 11 11 11

B.O.W. / SITE: MIDDLE MAITLAND RIVER
 SAMPLE POINT: HIGHWAY 23, DOWNSTREAM FROM LISTOWEL
 STATION TYPE: RIVER FLOW GAUGE FED 02FE003

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: MAITLAND RIVER

STATION ID: 08-0056-013-02

STORET CODE: 02
 002
 0530

| STN NO | | 13 | LAT | | LONG | | U.T.M. 17 0502160.0 4841350.0 4 | | | | REGION 01 | | MILEAGE | | 91.40 |
|--------------------|----|------|------|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 | 01 | 76 | 1130 | .3 | | 25006 | 8 | 19.50 | 6300. | 800. | 600. | 4. | 0.0 | 10.0 | 0.9 |
| 10 | 02 | 76 | 1035 | .3 | | 25021 | 8 | 16.90 | 52000. | 420. | 1030. | 4. | 2.0 | 9.5 | 0.6 |
| 09 | 03 | 76 | 1010 | .3 | | 25036 | 3 | 118.00 | | | | | 0.0 | 10.5 | 0.8 |
| 06 | 04 | 76 | 1015 | .3 | | 25051 | 8 | 42.60 | 14000. | 260. | 500. | 4. L | 8.0 | 11.5 | 0.7 |
| 04 | 05 | 76 | 1045 | .3 | | 25065 | 8 | 35.90 | 31000E+1 | 8900. | 164. | 36. | 7.0 | 12.5 | 1.8 |
| 09 | 06 | 76 | 0955 | .3 | | 25081 | 8 | 2.30 | 140. | 12. | 4. L | 4. L | 21.0 | 9.5 | 2.1 |
| 20 | 07 | 76 | 1100 | .3 | | 25096 | 8 | 8.80 | 2200. | 76. | 64. | 4. L | 20.0 | 6.0 | 2.8 |
| 11 | 08 | 76 | 1050 | .3 | | 25111 | 8 | 0.81 | 60. | 32. | 4. | 4. L | 20.0 | 8.5 | 1.8 |
| 13 | 09 | 76 | 1050 | .3 | | 25127 | 8 | 2.50 | 1700. | 56. | 4. | 4. L | 18.0 | 9.0 | 1.2 |
| 09 | 11 | 76 | 1120 | .3 | | 25161 | 8 | 8.90 | 10000E+1 | 276. | 5200. | 4. L | 2.0 | 12.5 | 3.3 |
| 07 | 12 | 76 | 1125 | .3 | | 25178 | 8 | 12.20 | 18000. | 1600. | 600. | 16. | 0.0 | 11.5 | 0.5 |
| | | | | | | | | 118.00 | 31000E+1 | 8900. | 5200. | 36. | 21.0 | 12.5 | 3.3 |
| AVG OR GEOM MN (") | | | | | | | | 24.40 | 6173.* | 237.* | 121.* D | 6.* D | 8.9 | 10.1 | 1.5 |
| MINIMUM | | | | | | | | 0.81 | 60. | 12. | 4. | 4. | 0.0 | 6.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 11 |

MAXIMUM 118.00 31000E+1 8900. 5200. 36. 21.0 12.5 3.3
 AVG OR GEOM MN (") 24.40 6173.* 237.* 121.* D 6.* D 8.9 10.1 1.5
 MINIMUM 0.81 60. 12. 4. 4. 0.0 6.0 0.5

NO OF SAMPLES 11 10 10 10 10 11 11 11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1130 | | | .3 | | 0.071 | 0.055 | 0.135 | 0.600 | 0.020 | 1.850 | | | | |
| 10 02 76 1035 | | | .3 | | 0.055 | 0.035 | 0.245 | 0.595 | 0.043 | 1.050 | | | | |
| 09 03 76 1010 | | | .3 | | 0.076 | 0.041 | 0.135 | 0.540 | 0.013 | 2.420 | | | | |
| 06 04 76 1015 | | | .3 | | 0.046 | 0.024 | 0.065 | 0.585 | 0.015 | 1.460 | | | | |
| 04 05 76 1045 | | | .3 | | 0.021 | 0.005 | 0.030 | 0.545 | 0.010 | 0.630 | | | | |
| 09 06 76 0955 | | | .3 | | 0.141 | 0.101 | 0.005L | 0.880 | | | | | | |
| 20 07 76 1100 | | | .3 | | 0.122 | 0.069 | 0.020 | 0.575 | 0.003 | 0.390 | | | | |
| 11 08 76 1050 | | | .3 | | 0.081 | 0.017 | 0.005 | 0.825 | 0.059 | 0.100 | | | | |
| 13 09 76 1050 | | | .3 | | 0.145 | 0.089 | 0.110 | 0.675 | 0.033 | 0.050 | | | | |
| 09 11 76 1120 | | | .3 | | 0.052 | 0.010 | 0.005L | 0.520 | 0.012 | 0.760 | | | | |
| 07 12 76 1125 | | | .3 | | 0.043 | 0.023 | 0.305 | 0.655 | 0.017 | 2.500 | | | | |

MAXIMUM 0.145 0.101 0.305 0.880 0.059 2.500
 AVG OR GEOM MN (") 0.078 0.043 0.0960 0.636 0.023 1.125
 MINIMUM 0.021 0.005 0.005 0.520 0.003 0.090

NO OF SAMPLES 11 11 11 11 10 10

CONT'D

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 07 | 01 | 76 | 1130 | | | .3 | 670 | 1.20 | 22.5 | | | | | | | |
| 10 | 02 | 76 | 1035 | | | .3 | 700 | 1.20 | 26.0 | | | | | | | |
| 09 | 03 | 76 | 1010 | | | .3 | 451 | 1.60 | 11.5 | | | | | | | |
| 06 | 04 | 76 | 1015 | | | .3 | 520 | 2.00 | 16.0 | | | | | | | |
| 04 | 05 | 76 | 1045 | | | .3 | 520 | 1.10 | 3.5 | | | | | | | |
| 09 | 06 | 76 | 0955 | | | .3 | 540 | 1.30 | 31.0 | | | | | | | |
| 20 | 07 | 76 | 1100 | | | .3 | 560 | 2.10 | 37.0 | | | | | | | |
| 11 | 08 | 76 | 1050 | | | .3 | 580 | 2.20 | 42.0 | | | | | | | |
| 13 | 09 | 76 | 1050 | | | .3 | 580 | 2.20 | 38.0 | | | | | | | |
| 09 | 11 | 76 | 1120 | | | .3 | 690 | 2.30 | 29.0 | | | | | | | |
| 07 | 12 | 76 | 1125 | | | .3 | 720 | 2.70 | 30.0 | | | | | | | |
| MAXIMUM | | | | | | | 720 | 2.70 | 42.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 594 | 1.81 | 26.0 | | | | | | | |
| MINIMUM | | | | | | | 451 | 1.10 | 3.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: HALF MILE NORTH EAST OF LISTOWEL
STATION TYPE: RIVER FLOW GAUGE FED 02FE003

STATION ID: 08-0056-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | 14 | LAT | LONG | U.T.M. | 17 | 0505110.0 | 4842425.0 | 4 | REGION 01 | MILEAGE | 99.30 | | | | | | |
|--------------------|-----------|----------|-------------|---------------------|------------|-----------------------|-----------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1110 | | | .3 | | 25005 | 4 | 19.50 | 80. | 8. | 100. | 0. | 0.0 | 8.0 | 2.3 |
| 10 | 02 | 76 | 1025 | | | .3 | | 25020 | 4 | 16.90 | 2200. | 270. | 940. | 8. | 0.0 | 8.0 | 1.0 |
| 09 | 03 | 76 | 0955 | | | .3 | | 25035 | 3 | 118.00 | | | | | 0.0 | 10.0 | 0.7 |
| 06 | 04 | 76 | 1000 | | | .3 | | 25050 | 8 | 42.60 | 610. | 110. | 40. | 4. L | 7.0 | 11.0 | 0.8 |
| 04 | 05 | 76 | 1025 | | | .3 | | 25065 | 8 | 35.90 | 900. | 48. | 20. | 4. L | 6.0 | 12.5 | 0.7 |
| 09 | 06 | 76 | 0950 | | | .3 | | 25080 | 7 9 | 2.30 | 24. | 20. | 4. L | 4. L | 22.0 | 5.5 | 1.9 |
| 20 | 07 | 76 | 1030 | | | .3 | | 25095 | 8 | 8.80 | 900. | 384. | 4. L | 8. | 22.0 | 5.5 | 2.0 |
| 11 | 08 | 76 | 1035 | | | .3 | | 25110 | 8 | 0.81 | 76. | 116. | 8. | 8. | 22.0 | 5.0 | 2.7 |
| 13 | 09 | 76 | 1035 | | | .3 | | 25126 | 8 | 2.50 | 96. | 24. | 4. L | 4. L | 18.0 | 6.5 | 0.6 |
| 09 | 11 | 76 | 1100 | | | .3 | | 25160 | 8 | 8.90 | 1600. | 80. | 48. | 4. L | 0.0 | 12.5 | 1.3 |
| 07 | 12 | 76 | 1105 | | | .3 | | 25177 | 4 | 12.20 | 5000. | 200. | 210. | 4. | 0.0 | 10.0 | 2.1 |
| MAXIMUM | | | | | | | | | | 118.00 | 5000. | 384. | 940. | 8. | 22.0 | 12.5 | 2.7 |
| AVG OR GEOM MN (*) | | | | | | | | | | 24.40 | 406.* | 72.* | 29.* D | 4.* D | 8.8 | 8.6 | 1.5 |
| MINIMUM | | | | | | | | | | 0.81 | 24. | 8. | 4. | 0. | 0.0 | 5.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 | 01 | 76 | 1110 | | | .3 | | 0.033 | 0.013 | 0.125 | 0.650 | 0.019 | 1.940 | | | | |
| 10 | 02 | 76 | 1025 | | | .3 | | 0.044 | 0.027 | 0.305 | 0.830 | 0.029 | 1.000 | | | | |
| 09 | 03 | 76 | 0955 | | | .3 | | 0.064 | 0.061 | 0.125 | 0.590 | 0.012 | 2.390 | | | | |
| 06 | 04 | 76 | 1000 | | | .3 | | 0.111 | 0.079 | 0.035 | 0.475 | 0.013 | 1.470 | | | | |
| 04 | 05 | 76 | 1025 | | | .3 | | 0.013 | 0.006 | 0.015 | 0.455 | 0.006 | 0.640 | | | | |
| 09 | 06 | 76 | 0950 | | | .3 | | 0.044 | 0.019 | 0.120 | 0.900 | 0.015 | 0.010 | | | | |
| 20 | 07 | 76 | 1030 | | | .3 | | 0.056 | 0.015 | 0.005L | 0.890 | 0.101 | 0.190 | | | | |
| 11 | 08 | 76 | 1035 | | | .3 | | 0.119 | 0.039 | 0.155 | 0.700 | 0.111 | 0.140 | | | | |
| 13 | 09 | 76 | 1035 | | | .3 | | 0.047 | 0.020 | 0.065 | 0.895 | 0.005 | 0.010L | | | | |
| 09 | 11 | 76 | 1100 | | | .3 | | 0.029 | 0.011 | 0.010 | 0.495 | 0.008 | 0.880 | | | | |
| 07 | 12 | 76 | 1105 | | | .3 | | 0.038 | 0.013 | 0.050 | 0.585 | 0.013 | 2.700 | | | | |
| MAXIMUM | | | | | | | | 0.119 | 0.079 | 0.305 | 0.900 | 0.111 | 2.700 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.056 | 0.028 | 0.092D | 0.679 | 0.030 | 1.038D | | | | |
| MINIMUM | | | | | | | | 0.013 | 0.006 | 0.005 | 0.455 | 0.005 | 0.010 | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 | 01 | 76 | 1110 | | | .3 | | 650 | 1.30 | 15.5 | | | | | | | |
| 10 | 02 | 76 | 1025 | | | .3 | | 650 | 1.10 | 16.0 | | | | | | | |
| 09 | 03 | 76 | 0955 | | | .3 | | 443 | 2.00 | 9.0 | | | | | | | |
| 06 | 04 | 76 | 1000 | | | .3 | | 500 | 1.60 | 11.5 | | | | | | | |
| 04 | 05 | 76 | 1025 | | | .3 | | 510 | 0.87 | 11.0 | | | | | | | |
| 09 | 06 | 76 | 0950 | | | .3 | | 480 | 1.70 | 17.5 | | | | | | | |
| 20 | 07 | 76 | 1030 | | | .3 | | 520 | 1.80 | 32.0 | | | | | | | |
| 11 | 08 | 76 | 1035 | | | .3 | | 540 | 8.10 | 40.0 | | | | | | | |
| 13 | 09 | 76 | 1035 | | | .3 | | 520 | 2.70 | 26.0 | | | | | | | |
| 09 | 11 | 76 | 1100 | | | .3 | | 680 | 2.10 | 19.0 | | | | | | | |
| 07 | 12 | 76 | 1105 | | | .3 | | 680 | 2.10 | 18.5 | | | | | | | |
| MAXIMUM | | | | | | | | 680 | 8.10 | 40.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 561 | 2.31 | 19.6 | | | | | | | |
| MINIMUM | | | | | | | | 443 | 0.87 | 9.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: SOUTH MAITLAND RIVER
SAMPLE POINT: HIGHWAY 4, LONDESBOGPOUGH
STATION TYPE: RIVER

STATION ID: 08-0056-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | 15 | LAT | LONG | U.T.M. 17 0461000.0 4837710.0 4 | REGION 01 | MILEAGE | 27.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. MG/L | 5-DAY BOD MG/L |
| 07 01 76 1325 | | | .3 | | 25010 | 4 | | 100. | 4. | 720. | 0. | 0.0 | 10.5 | 0.9 |
| 10 02 76 1300 | | | .3 | | 25025 | 4 | | 610. | 72. | 1500. | 4. L | 0.0 | 8.5 | 0.5 |
| 06 04 76 1145 | | | .3 | | 25055 | 8 | | 48. | 4. L | 12. | 4. L | 9.0 | 11.5 | 0.6 |
| 04 05 76 1300 | | | .3 | | 25070 | 8 | | 210. | 8. | 12. | 4. L | 9.0 | 12.5 | 0.7 |
| 09 06 76 1130 | | | .3 | | 25085 | 8 | | 52. | 12. | 4. L | 4. L | 23.0 | 7.5 | 1.2 |
| 20 07 76 1340 | | | .3 | | 25100 | 8 | | 156. | 24. | 4. | 4. L | 22.0 | 8.5 | 0.9 |
| 11 08 76 1330 | | | .3 | | 25115 | 8 | | 32. | 16. | 4. L | 4. L | 25.0 | 11.0 | 1.3 |
| 13 09 76 1200 | | | .3 | | 25131 | 8 | | 72. | 20. | 16. | 4. L | 19.0 | 8.0 | 0.4 |
| 09 11 76 1315 | | | .3 | | 25165 | 8 | | 104. | 52. | 20. | 4. L | 0.0 | 12.5 | 0.6 |
| 07 12 76 1335 | | | .3 | | 25182 | 4 | | | | | | 0.0 | 11.5 | 0.6 |
| MAXIMUM | | | | | | | | 610. | 72. | 1500. | 4. | 25.0 | 12.5 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | 102.* | 15.* D | 25.* D | 3.* D | 10.7 | 10.2 | 0.8 |
| MINIMUM | | | | | | | | 32. | 4. | 4. | 0. | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 10 | 10 | 10 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KUJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 07 01 76 1325 | | | .3 | | 0.012 | 0.010 | 0.065 | 0.435 | 0.017 | 5.600 | | | | |
| 10 02 76 1300 | | | .3 | | 0.035 | 0.021 | 0.200 | 0.555 | 0.041 | 5.400 | | | | |
| 06 04 76 1145 | | | .3 | | 0.020 | 0.007 | 0.015 | 0.410 | 0.015 | 3.200 | | | | |
| 04 05 76 1300 | | | .3 | | 0.010 | 0.004 | 0.020 | 0.445 | 0.013 | | | | | |
| 09 06 76 1130 | | | .3 | | 0.021 | 0.003 | 0.050 | 0.620 | 0.029 | 0.640 | | | | |
| 20 07 76 1340 | | | .3 | | 0.024 | 0.009 | 0.005L | 0.510 | 0.035 | 1.070 | | | | |
| 11 08 76 1330 | | | .3 | | 0.020 | 0.008 | 0.050 | 0.585 | 0.024 | 0.130 | | | | |
| 13 09 76 1200 | | | .3 | | 0.018 | 0.007 | 0.015 | 0.565 | 0.012 | 0.690 | | | | |
| 09 11 76 1315 | | | .3 | | 0.015 | 0.005 | 0.085 | 0.505 | 0.011 | 1.940 | | | | |
| 07 12 76 1335 | | | .3 | | 0.011 | 0.007 | 0.030 | 0.300 | 0.019 | 7.100 | | | | |
| MAXIMUM | | | | | 0.035 | 0.021 | 0.200 | 0.620 | 0.041 | 7.100 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.019 | 0.008 | 0.054D | 0.493 | 0.022 | 2.863 | | | | |
| MINIMUM | | | | | 0.010 | 0.003 | 0.005 | 0.300 | 0.011 | 0.130 | | | | |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | 10 | 10 | 9 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | COND. 25C UMHS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 07 01 76 1325 | | | .3 | | 640 | 1.90 | 13.5 | | | | | | | |
| 10 02 76 1300 | | | .3 | | 635 | 1.40 | 13.5 | | | | | | | |
| 06 04 76 1145 | | | .3 | | 510 | 3.50 | 9.5 | | | | | | | |
| 04 05 76 1300 | | | .3 | | 500 | 1.80 | 9.5 | | | | | | | |
| 09 06 76 1130 | | | .3 | | 430 | 1.90 | 8.5 | | | | | | | |
| 20 07 76 1340 | | | .3 | | 445 | 2.30 | 11.5 | | | | | | | |
| 11 08 76 1330 | | | .3 | | 350 | 2.80 | 10.5 | | | | | | | |
| 13 09 76 1200 | | | .3 | | 465 | 6.70 | 15.0 | | | | | | | |
| 09 11 76 1315 | | | .3 | | 590 | 2.80 | 18.0 | | | | | | | |
| 07 12 76 1335 | | | .3 | | 650 | 1.50 | 16.5 | | | | | | | |
| MAXIMUM | | | | | 650 | 6.70 | 18.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 522 | 2.66 | 12.6 | | | | | | | |
| MINIMUM | | | | | 350 | 1.40 | 8.5 | | | | | | | |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: DOWNSTREAM FROM THE VLLAGE OF BRUSSELS
STATION TYPE: RIVER FLOW GAUGE MOE 02FE103

STATION ID: 08-0056-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | 16 | LAT | LONG | U.T.M. 17 0479350.0 4844500.0 4 | | | | REGION 01 | | MILEAGE | 69.00 | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. MG/L | 5-DAY BOD MG/L |
| 07 01 76 1255 | .3 | | | | 25009 | 4 | | 700. | 650. | 560. | 0. | 0.0 | 10.0 | 2.0 |
| 10 02 76 1145 | .3 | | | | 25024 | 4 | | 43000. | 1800. | 300. | 36. | 0.0 | 9.0 | 0.6 |
| 06 04 76 1120 | .3 | | | | 25054 | 8 | | 1260. | 170. | 4. L | 4. L | 8.0 | 10.0 | 1.0 |
| 04 05 76 1140 | .3 | | | | 25069 | 8 | | 1880. | 108. | 40. | 68. | 9.0 | 10.0 | 0.9 |
| 09 06 76 1045 | .3 | | | | 25084 | 8 | | 120. | 12. | 4. L | 4. | 23.0 | 8.0 | 1.1 |
| 20 07 76 1315 | .3 | | | | 25099 | 8 | | 2400. | 292. | 20. | 4. L | 23.0 | 8.0 | 1.7 |
| 11 08 76 1250 | .3 | | | | 25114 | 8 | | 800. | 400. | 16. | 24. | 25.0 | 8.0 | 1.3 |
| 13 09 76 1135 | .3 | | | | 25130 | 8 | | 3200. | 244. | 52. | 4. L | 20.0 | 8.5 | 0.5 |
| 09 11 76 1245 | .3 | | | | 25164 | 8 | | 5100. | 248. | 36. | 4. L | 2.0 | 13.0 | 0.6 |
| 07 12 76 1300 | .3 | | | | 25181 | 4 | | | | | | 0.0 | 10.0 | 2.7 |
| MAXIMUM | | | | | | | | 43000. | 1800. | 560. | 68. | 25.0 | 13.0 | 2.7 |
| AVG OR GEOM MN (*) | | | | | | | | 1861.* | 230.* | 34.* D | 7.* D | 11.0 | 9.5 | 1.2 |
| MINIMUM | | | | | | | | 120. | 12. | 4. | 0. | 0.0 | 8.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 10 | 10 | 10 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1255 | | | .3 | | 0.073 | 0.035 | 0.145 | 0.980 | 0.027 | 3.000 | 488.0 | 26.0 | | |
| 10 02 76 1145 | | | .3 | | 0.089 | 0.061 | 0.240 | 0.835 | 0.061 | 3.200 | 550.0 | 15.0L | | |
| 06 04 76 1120 | | | .3 | | 0.062 | 0.043 | 0.075 | 0.710 | 0.026 | 1.950 | 340.0 | 15.0L | | |
| 04 05 76 1140 | | | .3 | | 0.031 | 0.015 | 0.020 | 0.600 | 0.012 | 1.320 | 366.0 | 15.0L | | |
| 09 06 76 1045 | | | .3 | | 0.040 | 0.017 | 0.085 | 0.780 | 0.052 | 0.150 | 348.0 | 14.0 | | |
| 20 07 76 1315 | | | .3 | | 0.056 | 0.023 | 0.005L | 0.825 | 0.173 | 0.110 | 292.0 | 18.5 | | |
| 11 08 76 1250 | | | .3 | | 0.051 | 0.017 | 0.005 | 0.845 | 0.093 | 0.150 | 300.0 | 9.0 | | |
| 13 09 76 1135 | | | .3 | | 0.041 | 0.012 | 0.035 | 0.755 | 0.005 | 0.060 | 324.0 | 15.0L | | |
| 09 11 76 1245 | | | .3 | | 0.027 | 0.013 | 0.035 | 0.675 | 0.011 | 1.100 | 456.0 | 15.0L | | |
| 07 12 76 1300 | | | .3 | | 0.051 | 0.005 | 0.125 | 0.850 | 0.029 | 4.900 | 492.0 | 15.0L | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.089 | 0.061 | 0.240 | 0.980 | 0.173 | 4.900 | 550.0 | 26.0 |
| AVG OR GEOM MN (*) | 0.052 | 0.024 | 0.077D | 0.786 | 0.049 | 1.594 | 395.6 | 15.8D |
| MINIMUM | 0.027 | 0.005 | 0.005 | 0.600 | 0.005 | 0.060 | 292.0 | 9.0 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 07 01 76 1255 | | | .3 | | 725 | 8.50 | 15.0 | | | | | | | |
| 10 02 76 1145 | | | .3 | | 685 | 1.70 | 14.0 | | | | | | | |
| 06 04 76 1120 | | | .3 | | 545 | 2.00 | 10.5 | | | | | | | |
| 04 05 76 1140 | | | .3 | | 580 | 2.70 | 13.0 | | | | | | | |
| 09 06 76 1045 | | | .3 | | 480 | 1.30 | 18.0 | | | | | | | |
| 20 07 76 1315 | | | .3 | | 475 | 4.20 | 17.5 | | | | | | | |
| 11 08 76 1250 | | | .3 | | 475 | 2.20 | 26.0 | | | | | | | |
| 13 09 76 1135 | | | .3 | | 500 | 1.50 | 26.0 | | | | | | | |
| 09 11 76 1245 | | | .3 | | 710 | 1.40 | 26.0 | | | | | | | |
| 07 12 76 1300 | | | .3 | | 740 | 3.30 | 18.0 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 740 | 8.50 | 26.0 |
| AVG OR GEOM MN (*) | 592 | 2.88 | 18.4 |
| MINIMUM | 475 | 1.30 | 10.5 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W./ SITE: LITTLE WAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 23 SOUTH WEST OF PALMERSTON
STATION TYPE: RIVER

STATION ID: 08-0056-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: WAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | | 22 | LAT | | LONG | | U.T.M. 17 0508600.0 4850400.0 4 | | | | REGION 01 | | MILEAGE | | 82.00 | |
|---------------|----|----|------|-----|-------|----|---------------------------------|-----|----------|----------|-----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 07 | 01 | 76 | 1040 | | .3 | | 25004 | 8 | | 220. | 24. | 188. | 0. | 0.0 | 10.5 | 0.7 |
| 10 | 02 | 76 | 1000 | | .3 | | 25019 | 4 | | 180. | 44. | 240. | 4. | 0.0 | 10.0 | 0.9 |
| 09 | 03 | 76 | 0935 | | .3 | | 25034 | 3 | | | | | | 0.0 | 10.5 | 0.6 |
| 06 | 04 | 76 | 0945 | | .3 | | 25049 | 8 | | 720. | 28. | 1120. | 4. | 5.0 | 10.5 | 0.6 |
| 04 | 05 | 76 | 1010 | | .3 | | 25064 | 8 | | 930. | 44. | 840. | 4. | 5.0 | 11.0 | 0.6 |
| 09 | 06 | 76 | 0920 | | .3 | | 25079 | 6 | | 40. | 40. | 4. | 4. | 20.0 | 5.5 | 1.4 |
| 20 | 07 | 76 | 1000 | | .3 | | 25094 | 8 | | 400. | 60. | 28. | 4. | 21.0 | 7.0 | 1.2 |
| 11 | 08 | 76 | 1015 | | .3 | | 25109 | 8 | | 124. | 64. | 4. | 4. | 20.0 | 6.0 | 1.3 |
| 13 | 09 | 76 | 1020 | | .3 | | 25125 | 8 | | 128. | 56. | 4. | 4. | 17.0 | 7.5 | 0.8 |
| 09 | 11 | 76 | 1040 | | .3 | | 25159 | 8 | | 304. | 56. | 4. | 4. | 0.0 | 12.0 | 0.6 |
| 07 | 12 | 76 | 1045 | | .3 | | 25176 | 8 | | | | | | 0.0 | 11.5 | 0.8 |

| | | | | | | | |
|--------------------|-------|------|--------|-------|------|------|-----|
| MAXIMUM | 930. | 64. | 1120. | 20. | 21.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | 233.* | 44.* | 41.* D | 4.* D | 8.0 | 9.3 | 0.9 |
| MINIMUM | 40. | 24. | 4. | 0. | 0.0 | 5.5 | 0.6 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 11 | 11 | 11 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1040 | | | .3 | | 0.028 | 0.015 | 0.050 | 0.545 | 0.015 | 2.410 | | | | |
| 10 02 76 1000 | | | .3 | | 0.035 | 0.020 | 0.125 | 0.645 | 0.045 | 1.500 | | | | |
| 09 03 76 0935 | | | .3 | | 0.079 | 0.037 | 0.175 | 0.560 | 0.017 | 3.700 | | | | |
| 06 04 76 0945 | | | .3 | | 0.037 | 0.017 | 0.045 | 0.650 | 0.017 | 1.930 | | | | |
| 04 05 76 1010 | | | .3 | | 0.019 | 0.010 | 0.020 | 0.575 | 0.013 | 1.250 | | | | |
| 09 06 76 0920 | | | .3 | | 0.037 | 0.009 | 0.035 | 0.680 | 0.115 | 0.460 | | | | |
| 20 07 76 1000 | | | .3 | | 0.060 | 0.006 | 0.005L | 1.400 | 0.093 | 0.560 | | | | |
| 11 08 76 1015 | | | .3 | | 0.023 | 0.009 | 0.015 | 0.630 | 0.073 | 0.500 | | | | |
| 13 09 76 1020 | | | .3 | | 0.035 | 0.013 | 0.035 | 0.805 | 0.016 | 0.540 | | | | |
| 09 11 76 1040 | | | .3 | | 0.019 | 0.015 | 0.005 | 0.445 | 0.009 | 1.360 | | | | |
| 07 12 76 1045 | | | .3 | | 0.021 | 0.013 | 0.025 | 0.535 | 0.013 | 3.200 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.079 | 0.037 | 0.175 | 1.400 | 0.115 | 3.700 |
| AVG OR GEOM MN (*) | 0.036 | 0.015 | 0.049D | 0.679 | 0.039 | 1.583 |
| MINIMUM | 0.019 | 0.006 | 0.005 | 0.445 | 0.009 | 0.460 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1040 | | | .3 | | 625 | 2.00 | 10.0 | | | | | | | |
| 10 | 02 | 76 | 1000 | | | .3 | | 625 | 2.00 | 10.0 | | | | | | | |
| 09 | 03 | 76 | 0935 | | | .3 | | 471 | 2.20 | 7.5 | | | | | | | |
| 06 | 04 | 76 | 0945 | | | .3 | | 520 | 2.60 | 8.5 | | | | | | | |
| 04 | 05 | 76 | 1010 | | | .3 | | 540 | 1.60 | 9.0 | | | | | | | |
| 09 | 06 | 76 | 0920 | | | .3 | | 485 | 1.60 | 8.0 | | | | | | | |
| 20 | 07 | 76 | 1000 | | | .3 | | 520 | 0.95 | 9.5 | | | | | | | |
| 11 | 08 | 76 | 1015 | | | .3 | | 520 | 1.60 | 10.5 | | | | | | | |
| 13 | 09 | 76 | 1020 | | | .3 | | 590 | 3.10 | 19.0 | | | | | | | |
| 09 | 11 | 76 | 1040 | | | .3 | | 670 | 1.10 | 12.5 | | | | | | | |
| 07 | 12 | 76 | 1045 | | | .3 | | 650 | 1.20 | 11.5 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 670 | 3.10 | 19.0 |
| AVG OR GEOM MN (") | 565 | 1.81 | 10.5 |
| MINIMUM | 471 | 0.95 | 7.5 |
| NO OF SAMPLES | 11 | 11 | 11 |

B.O.W./ SITE: MAITLAND RIVER
SAMPLE POINT: AT HIGHWAY 21 GODERICH
STATION TYPE: RIVER COMPOSITE

STATION ID: 08-0056-023-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

| STN NO | | 23 | | LAT | | LONG | | U.T.M. 17 0442600.0 4844450.0 4 | | | | REGION 01 | | MILEAGE | | 1.70 | | | | | | | | | | | | | | | | | | | | | |
|--------|--|-----|--|------|--|------|--|---------------------------------|--|------|--|-----------|--|---------|--|--------|--|-----|--|------|--|-------|--|----------|--|----------|--|----------|--|----------|--|-------|--|-------|--|-------|--|
| SAMP | | DTE | | HOUR | | STN | | STN | | SAMP | | PJ | | 934 | | 901 | | 444 | | 80 | | 81 | | 84 | | 88 | | 805 | | 3 | | 1 | | | | | |
| DY | | MO | | YR | | LMT | | DIST | | BRG | | DEPTH | | MTRS | | SAMPLE | | SCD | | FLOW | | CFS | | COLIFORM | | FECAL | | M.F. | | PSEUD. | | WATER | | DISS. | | 5-DAY | |
| | | | | | | | | FEET | | | | | | | | NO | | | | | | | | COLIFORM | | COLIFORM | | ENTER. | | MPA | | TEMP. | | 02 | | BOD | |
| | | | | | | | | | | | | | | | | | | | | | | | | MF/100ML | | MF/100ML | | MF/100ML | | MF/100ML | | DEG C | | MG/L | | MG/L | |
| 28 | | 04 | | 76 | | 1310 | | | | | | .3 | | | | 20057 | | 6 | | | | 2200. | | 384. | | 232. | | 4. L | | 7.5 | | 11.9 | | 0.9 | | | |
| 12 | | 05 | | 76 | | 1410 | | | | | | .3 | | | | 20078 | | 6 | | | | 32. | | 4. L | | 4. L | | 4. L | | 12.4 | | 12.2 | | 1.1 | | | |
| 02 | | 06 | | 76 | | 1408 | | | | | | .3 | | | | 20099 | | 6 | | | | 80. | | 36. | | 24. | | 4. L | | 20.3 | | 12.4 | | 1.1 | | | |
| 27 | | 07 | | 76 | | 1346 | | | | | | .3 | | | | 20120 | | 6 | | | | 100. | | 4. L | | 332. | | 4. L | | 25.7 | | 11.6 | | 2.0 | | | |
| 17 | | 08 | | 76 | | 1327 | | | | | | .3 | | | | 20141 | | 6 | | | | 100. | | 24. | | 1120. | | 4. L | | 21.1 | | 13.7 | | 0.8 | | | |
| 28 | | 09 | | 76 | | 1620 | | | | | | .3 | | | | 20160 | | 6 | | | | 50. | | 4. | | 4. | | 4. L | | 14.6 | | | | 1.1 | | | |
| 13 | | 10 | | 76 | | 1600 | | | | | | .3 | | | | 20179 | | 6 | | | | 30. | | 4. L | | 344. | | 4. L | | 13.0 | | 11.6 | | 0.5 | | | |
| 23 | | 11 | | 76 | | 1430 | | | | | | .3 | | | | 20198 | | 6 | | | | 420. | | 4. | | 12. | | 4. L | | 1.0 | | 17.2 | | 1.0 | | | |
| 14 | | 12 | | 76 | | 1715 | | | | | | .3 | | | | 20215 | | 4 | | | | 196. | | 4. L | | 4. L | | 4. L | | 0.5 | | 13.4 | | 0.8 | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--------|--------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | | 2200. | 384. | 1120. | 4. | 25.7 | 17.2 | 2.0 |
| AVG OR GEOM MN (") | | | | | | | | | | | 124.* | 10.* D | 43.* D | 4.* D | 12.9 | 13.0 | 1.0 |
| MINIMUM | | | | | | | | | | | 30. | 4. | 4. | 4. | 0.5 | 11.6 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 9 | 9 | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 04 | 76 | 1310 | | | .3 | | 0.093 | 0.060 | 0.025 | 0.800 | 0.018 | 2.040 | 350.0 | 10.5 | 339 | |
| 12 | 05 | 76 | 1410 | | | .3 | | 0.015 | 0.004 | 0.005 | 0.600 | 0.017 | 1.250 | 332.0 | 3.5 | 328 | |
| 02 | 06 | 76 | 1408 | | | .3 | | 0.020 | 0.004 | 0.020 | 0.595 | 0.032 | 0.860 | 270.0 | 10.0 | 260 | |
| 27 | 07 | 76 | 1346 | | | .3 | | 0.020 | 0.002 | 0.030 | 0.620 | 0.004 | 0.060 | 370.0 | 5.5 | 365 | |
| 17 | 08 | 76 | 1327 | | | .3 | | 0.012 | 0.003 | 0.025 | 0.340 | 0.004 | 0.180 | 506.0 | 17.0 | 489 | |
| 28 | 09 | 76 | 1620 | | | .3 | | 0.013 | 0.001L | 0.005 | 0.635 | 0.006 | 0.570 | 210.0 | 7.5 | 203 | |
| 13 | 10 | 76 | 1600 | | | .3 | | 0.011 | 0.003 | 0.005 | 0.520 | 0.005 | 0.540 | 342.0 | 3.0 | 339 | |
| 23 | 11 | 76 | 1430 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.325 | 0.007 | 1.920 | 736.0 | 2.0 | 734 | |
| 14 | 12 | 76 | 1715 | | | .3 | | 0.009 | 0.004 | 0.025 | 0.345 | 0.010 | 2.300 | 586.0 | 0.5L | 586 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|-------|------|-----|---|
| MAXIMUM | | | | | | | | 0.093 | 0.060 | 0.030 | 0.800 | 0.032 | 2.300 | 736.0 | 17.0 | 734 | |
| AVG OR GEOM MN (") | | | | | | | | 0.022 | 0.009D | 0.017 | 0.531 | 0.011 | 1.080 | 411.3 | 6.6D | 405 | |
| MINIMUM | | | | | | | | 0.006 | 0.001 | 0.005 | 0.325 | 0.004 | 0.060 | 210.0 | 0.5 | 203 | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 04 | 76 | 1310 | | | .3 | | 475 | 6.60 | 18.0 | 17.0 | 1.85 | | | 8.37 | | 0.360 |
| 12 | 05 | 76 | 1410 | | | .3 | | 580 | 1.20 | 15.0 | 20.5 | 0.25 | | | 8.69 | | 0.100 |
| 02 | 06 | 76 | 1408 | | | .3 | | 475 | 0.95 | 22.0 | 25.0 | 0.65 | | | 8.71 | | 0.080 |
| 27 | 07 | 76 | 1346 | | | .3 | | 600 | 1.50 | 73.0 | 40.0 | 1.45 | | | 8.68 | | 0.650 |
| 17 | 08 | 76 | 1327 | | | .3 | | 880 | 2.00 | 130.0 | 48.0 | 1.90 | | | 8.54 | | 0.080 |
| 28 | 09 | 76 | 1620 | | | .3 | | 660 | 2.10 | 53.0 | 44.0 | 2.20 | | | 8.51 | | 0.040 |
| 13 | 10 | 76 | 1600 | | | .3 | | 540 | 2.40 | 26.0 | 38.0 | 0.90 | | | 8.44 | | 0.080 |
| 23 | 11 | 76 | 1430 | | | .3 | | 1190 | 2.20 | 180.0 | 70.0 | 1.25 | | | 8.30 | | 0.230 |
| 14 | 12 | 76 | 1715 | | | .3 | | 1000 | 1.20 | 122.0 | 68.0 | 2.80 | | | 7.72 | | 0.060 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|-------|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 1190 | 6.60 | 180.0 | 70.0 | 2.80 | | | 8.71 | | 0.650 |
| AVG OR GEOM MN (") | | | | | | | | 702 | 2.24 | 71.0 | 41.2 | 1.47 | | | 8.44 | | 0.187 |
| MINIMUM | | | | | | | | 475 | 0.95 | 15.0 | 17.0 | 0.25 | | | 7.72 | | 0.040 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | | | 9 | | 9 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 28 | 04 | 76 | 1310 | | | .3 | | 1.0 | | | | | | | | | |
| 12 | 05 | 76 | 1410 | | | .3 | | 1.0 | | | | | | | | | |
| 02 | 06 | 76 | 1408 | | | .3 | | 1.0L | | | | | | | 11 | 8 | 2L |
| 27 | 07 | 76 | 1346 | | | .3 | | 1.0L | | | | 15 | | | | | |
| 17 | 08 | 76 | 1327 | | | .3 | | 2.0 | | | | | | | 8 | | |
| 28 | 09 | 76 | 1620 | | | .3 | | 1.0 | | | | | | | | | |
| 13 | 10 | 76 | 1600 | | | .3 | | 4.0 | | | | | | | | | |
| 23 | 11 | 76 | 1430 | | | .3 | | 1.0 | | | | | | | 6 | | |
| 14 | 12 | 76 | 1715 | | | .3 | | 1.0L | | | | | | | 13 | | 2L |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|------|--|--|----|--|--|----|---|----|
| | | | | | | | | MAXIMUM | 4.0 | | | 15 | | | 13 | 8 | 2 |
| | | | | | | | | AVG OR GEOM MN (*) | 1.40 | | | 15 | | | 10 | 8 | 20 |
| | | | | | | | | MINIMUM | 1.0 | | | 15 | | | 6 | 8 | 2 |
| | | | | | | | | NO OF SAMPLES | 9 | | | 1 | | | 4 | 1 | 2 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 02 | 06 | 76 | 1408 | | | .3 | | 0.001L | 0.020 | | 0.020 | 0.010L | 0.010L | 0.010L | 0.030 | | 0.010 |
| 13 | 10 | 76 | 1600 | | | .3 | | 0.001L | | | | | | | | | |
| 14 | 12 | 76 | 1715 | | | .3 | | 0.001L | 0.040 | | 0.010L | 0.010L | 0.010L | 0.005L | 0.030 | | 0.010L |
| | | | | | | | | MAXIMUM | 0.001 | 0.040 | 0.020 | 0.010 | 0.010 | 0.010 | 0.030 | | 0.010 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.001D | 0.030 | 0.015D | 0.010D | 0.010D | 0.008D | 0.030 | | 0.010D |
| | | | | | | | | MINIMUM | 0.001 | 0.020 | 0.010 | 0.010 | 0.010 | 0.005 | 0.030 | | 0.010 |
| | | | | | | | | NO OF SAMPLES | 3 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W./ SITE: MIDDLE MAITLAND RIVER
SAMPLE POINT: 0.7 MILES OF ETHEL
STATION TYPE: RIVER

STATION ID: 08-0056-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STORET CODE: 02
002
0530

STN NO 26 LAT LONG U.T.M. 17 0489775.0 4840350.0 4 REGION 01 MILEAGE 79.00

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 07 | 01 | 76 | 1205 | | | .3 | | 25008 | 8 | | 2300. | 520. | 2000. | 0. | 0.0 | 8.0 | 1.2 |
| 10 | 02 | 76 | 1130 | | | .3 | | 25023 | 4 | | 23000. | 290. | 1140. | 4. L | 0.0 | 6.5 | 2.1 |
| 06 | 04 | 76 | 1100 | | | .3 | | 25053 | 8 | | 260. | 40. | 12. | 4. L | 8.0 | 10.0 | 0.9 |
| 04 | 05 | 76 | 1125 | | | .3 | | 25068 | 8 | | 2600. | 52. | 344. | 4. L | 7.0 | 11.0 | 1.0 |
| 09 | 06 | 76 | 1025 | | | .3 | | 25083 | 8 | | 12. | 12. | 4. L | 4. L | 23.0 | 5.0 | 1.0 |
| 20 | 07 | 76 | 1200 | | | .3 | | 25098 | 8 | | 80. | 40. | 4. L | 4. L | 24.0 | 6.5 | 1.7 |
| 11 | 08 | 76 | 1130 | | | .3 | | 25113 | 8 | | 192. | 24. | 4. L | 4. L | 23.0 | 10.0 | 1.9 |
| 13 | 09 | 76 | 1120 | | | .3 | | 25129 | 8 | | 60. | 24. | 4. L | 4. L | 19.0 | 7.0 | 0.9 |
| 09 | 11 | 76 | 1150 | | | .3 | | 25163 | 8 | | 56. | 8. | 4. L | 4. L | 0.0 | 11.5 | 2.7 |
| 07 | 12 | 76 | 1205 | | | .3 | | 25180 | 8 | | 750. | 100. | 20. | 4. L | 0.0 | 8.5 | 0.7 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--|--------|------|--------|-------|------|------|-----|
| | | | | | | | | MAXIMUM | | | 23000. | 520. | 2000. | 4. | 24.0 | 11.5 | 2.7 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 333.* | 48.* | 27.* D | 3.* D | 10.4 | 8.4 | 1.4 |
| | | | | | | | | MINIMUM | | | 12. | 8. | 4. | 0. | 0.0 | 5.0 | 0.7 |
| | | | | | | | | NO OF SAMPLES | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1205 | | | .3 | | 0.080 | 0.055 | 0.195 | 0.810 | 0.023 | 2.740 | 452.0 | 2.0 | | |
| 10 | 02 | 76 | 1130 | | | .3 | | 0.159 | 0.113 | 0.480 | 1.150 | 0.040 | 1.550 | 552.0 | 15.0L | | |
| 06 | 04 | 76 | 1100 | | | .3 | | 0.081 | 0.052 | 0.120 | 0.745 | 0.027 | 1.860 | 354.0 | 15.0L | | |
| 04 | 05 | 76 | 1125 | | | .3 | | 0.039 | 0.019 | 0.030 | 0.665 | 0.015 | 1.100 | 360.0 | 15.0L | | |
| 09 | 06 | 76 | 1025 | | | .3 | | 0.055 | 0.017 | 0.200 | 0.810 | 0.081 | 0.170 | 330.0 | 15.5 | | |
| 20 | 07 | 76 | 1200 | | | .3 | | 0.109 | 0.059 | 0.005L | 0.790 | 0.073 | 0.180 | 332.0 | 15.5 | | |
| 11 | 08 | 76 | 1130 | | | .3 | | 0.089 | 0.041 | 0.005L | 0.890 | 0.097 | 0.290 | 330.0 | 17.0 | | |
| 13 | 09 | 76 | 1120 | | | .3 | | 0.079 | 0.039 | 0.045 | 0.935 | 0.006 | 0.140 | 416.0 | 15.0L | | |
| 09 | 11 | 76 | 1150 | | | .3 | | 0.275 | 0.204 | 0.150 | 0.875 | 0.017 | 1.150 | 496.0 | 15.0L | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 0.064 | 0.043 | 0.385 | 0.850 | 0.024 | 4.100 | 466.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|--|
| | | | | | | | | MAXIMUM | 0.275 | 0.204 | 0.480 | 1.150 | 0.097 | 4.100 | 552.0 | 17.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.103 | 0.064 | 0.162D | 0.852 | 0.040 | 1.328 | 408.8 | 14.0D | |
| | | | | | | | | MINIMUM | 0.038 | 0.017 | 0.005 | 0.665 | 0.006 | 0.140 | 330.0 | 2.0 | |
| | | | | | | | | NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHQS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1205 | | | .3 | | 720 | 1.70 | 29.0 | | | | | | | |
| 10 | 02 | 76 | 1130 | | | .3 | | 700 | 1.50 | 16.0 | | | | | | | |
| 06 | 04 | 76 | 1100 | | | .3 | | 560 | 2.90 | 12.0 | | | | | | | |
| 04 | 05 | 76 | 1125 | | | .3 | | 570 | 2.60 | 13.0 | | | | | | | |
| 09 | 06 | 76 | 1025 | | | .3 | | 465 | 2.30 | 12.5 | | | | | | | |
| 20 | 07 | 76 | 1200 | | | .3 | | 540 | 5.10 | 29.5 | | | | | | | |
| 11 | 08 | 76 | 1130 | | | .3 | | 520 | 5.10 | 28.0 | | | | | | | |
| 13 | 09 | 76 | 1120 | | | .3 | | 640 | 4.60 | 44.0 | | | | | | | |
| 09 | 11 | 76 | 1150 | | | .3 | | 780 | 3.10 | 35.0 | | | | | | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 750 | 2.20 | 19.5 | | | | | | | |

MAXIMUM 780 5.10 44.0
 AVG OR GEOM MN (") 625 3.11 23.9
 MINIMUM 465 1.50 12.0
 NO OF SAMPLES 10 10 10

B.O.W. / SITE: SHARPES CREEK
 SAMPLE POINT: AT CONCESSION ROADS 2 AND 3 WEST OF WAWANOSH TOWNSHIP
 STATION TYPE: RIVER

STATION ID: 08-0056-027-02

STORET CODE: 02
 002
 0530

| STN NO | 27 | LAT | LONG | U.T.M. 17 0454000.0 4851350.0 4 | | | | REGION 01 | MILEAGE | 18.00 | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1425 | | | .3 | | 25012 | 8 | | 56. | 52. | 4. | 0. | 0.0 | 8.5 | 1.1 |
| 10 | 02 | 76 | 1340 | | | .3 | | 25027 | 8 | | 12. | 4. | L | L | 1.0 | 6.5 | 1.8 |
| 06 | 04 | 76 | 1300 | | | .3 | | 25057 | 8 | | 4. | 4. | L | L | 9.0 | 9.5 | 0.7 |
| 04 | 05 | 76 | 1335 | | | .3 | | 25072 | 8 | | 52. | 28. | 4. | L | 9.0 | 9.5 | 0.5 |
| 09 | 06 | 76 | 1320 | | | .3 | | 25087 | 8 | | 100. | 100. | L | L | 19.0 | 6.5 | 0.6 |
| 20 | 07 | 76 | 1425 | | | .3 | | 25102 | 8 | | 1100. | 56. | 32. | L | 18.0 | 6.5 | 0.6 |
| 11 | 08 | 76 | 1420 | | | .3 | | 25117 | 8 | | 232. | 16. | L | L | 20.0 | 7.5 | 0.9 |
| 13 | 09 | 76 | 1325 | | | .3 | | 25133 | 8 | | 244. | 48. | 8. | L | 17.0 | 7.0 | 0.3 |
| 09 | 11 | 76 | 1400 | | | .3 | | 25167 | 8 | | 56. | 12. | 4. | L | 3.0 | 8.5 | 1.2 |
| 07 | 12 | 76 | 1420 | | | .3 | | 25184 | 8 | | 580. | 1300. | 6200. | L | 0.0 | 7.5 | 3.4 |
| MAXIMUM | | | | | | | | | | | 1100. | 1300. | 6200. | 4. | 20.0 | 9.5 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 88.* | 33.* D | 11.* D | 3.* D | 9.6 | 7.8 | 1.1 |
| MINIMUM | | | | | | | | | | | 4. | 4. | 4. | 0. | 0.0 | 6.5 | 0.3 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1425 | | | .3 | | 0.003 | 0.003 | 0.010 | 0.440 | 0.005 | 0.620 | 296.0 | 15.0L | | |
| 10 | 02 | 76 | 1340 | | | .3 | | 0.022 | 0.010 | 0.050 | 0.475 | 0.008 | 0.250 | 330.0 | 15.0L | | |
| 06 | 04 | 76 | 1300 | | | .3 | | 0.011 | 0.001L | 0.015 | 0.480 | 0.003 | 0.300 | 252.0 | 15.0L | | |
| 04 | 05 | 76 | 1335 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.510 | 0.003 | 0.080 | 288.0 | 15.0L | | |
| 09 | 06 | 76 | 1320 | | | .3 | | 0.018 | 0.006 | 0.025 | 0.765 | 0.050 | 0.360 | 376.0 | | | |
| 20 | 07 | 76 | 1425 | | | .3 | | 0.015 | 0.008 | 0.005L | 0.575 | 0.040 | 0.520 | 326.0 | 4.5 | | |
| 11 | 08 | 76 | 1420 | | | .3 | | 0.017 | 0.007 | 0.005 | 0.505 | 0.037 | 0.570 | 326.0 | 6.5 | | |
| 13 | 09 | 76 | 1325 | | | .3 | | 0.011 | 0.006 | 0.020 | 0.545 | 0.005 | 0.200 | 354.0 | 15.0L | | |
| 09 | 11 | 76 | 1400 | | | .3 | | 0.009 | 0.004 | 0.005 | 0.535 | 0.004 | 0.180 | 358.0 | 15.0L | | |
| 07 | 12 | 76 | 1420 | | | .3 | | 0.078 | 0.005 | 0.125 | 1.090 | 0.105 | 0.760 | 422.0 | 52.0 | | |
| MAXIMUM | | | | | | | | 0.078 | 0.010 | 0.125 | 1.090 | 0.105 | 0.760 | 422.0 | 52.0 | | |
| AVG OR GEOM MN (") | | | | | | | | 0.019 | 0.005D | 0.027D | 0.592 | 0.026 | 0.384 | 332.8 | 17.0D | | |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.005 | 0.440 | 0.003 | 0.080 | 252.0 | 4.5 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHQS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1425 | | | .3 | | 505 | 0.55 | 4.0 | | | | | | | |
| 10 | 02 | 76 | 1340 | | | .3 | | 510 | 0.50 | 4.0 | | | | | | | |
| 06 | 04 | 76 | 1300 | | | .3 | | 424 | 0.55 | 3.0 | | | | | | | |
| 04 | 05 | 76 | 1335 | | | .3 | | 445 | 0.70 | 2.5 | | | | | | | |
| 09 | 06 | 76 | 1320 | | | .3 | | 520 | 1.90 | 3.0 | | | | | | | |
| 20 | 07 | 76 | 1425 | | | .3 | | 520 | 1.20 | 3.0 | | | | | | | |
| 11 | 08 | 76 | 1420 | | | .3 | | 520 | 1.20 | 3.5 | | | | | | | |
| 13 | 09 | 76 | 1325 | | | .3 | | 530 | 0.90 | 3.0 | | | | | | | |
| 09 | 11 | 76 | 1400 | | | .3 | | 550 | 0.90 | 4.0 | | | | | | | |
| 07 | 12 | 76 | 1420 | | | .3 | | 580 | 33.00 | 6.0 | | | | | | | |
| MAXIMUM | | | | | | | | 580 | 33.00 | 6.0 | | | | | | | |
| AVG OR GEOM MN (") | | | | | | | | 510 | 4.14 | 3.6 | | | | | | | |
| MINIMUM | | | | | | | | 424 | 0.50 | 2.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: SHARPES CREEK
SAMPLE POINT: AT FIRST CONCESSION ROAD NORTH OF BENMILLER
STATION TYPE: RIVER FLOW GAUGE MOE 02FD104

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MAITLAND RIVER

STATION ID 08-0056-028-02

STORET CODE: 02
002
0530

| STN NO | 28 | LAT | LONG | U.T.M. 17 0450350.0 4843000.0 4 | REGION 01 | MILEAGE | 11.70 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 07 01 76 1455 | | | .3 | | 25013 | 8 | | 12. | 4. L | 16. | 0. | 1.0 | 11.5 | 0.1 |
| 10 02 76 1405 | | | .3 | | 25028 | 8 | | 32. | 32. | 12. | 4. L | 2.0 | 11.0 | 0.8 |
| 06 04 76 1320 | | | .3 | | 25058 | 8 | | 4. | 8. | 12. | 4. L | 9.0 | 10.5 | 0.6 |
| 04 05 76 1400 | | | .3 | | 25073 | 8 | | 90. | 24. | 28. | 4. L | 10.0 | 11.5 | 0.5 |
| 09 06 76 1345 | | | .3 | | 25088 | 8 | | 40. | 12. | 4. L | 4. L | 19.0 | 10.5 | 0.5 |
| 20 07 76 1445 | | | .3 | | 25103 | 6 7 | | 1500. | 224. | 132. | 36. | 22.0 | 10.5 | 0.6 |
| 11 08 76 1445 | | | .3 | | 25118 | 6 7 | | 160. | 92. | 72. | 4. L | 20.0 | 12.0 | 1.1 |
| 13 09 76 1420 | | | .3 | | 25135 | 7 | | 136. | 72. | 36. | 4. L | 18.0 | 12.5 | 0.3 |
| 09 11 76 1440 | | | .3 | | 25169 | 7 | | 40. | 4. | 28. | 4. L | 0.0 | 12.0 | 0.5 |
| 07 12 76 1510 | | | .3 | | 25186 | 7 | | 80. | 4. L | 4. L | 4. L | 0.0 | 11.5 | 0.7 |
| MAXIMUM | | | | | | | | 1500. | 224. | 132. | 36. | 22.0 | 12.5 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | | 60.* | 19.* D | 20.* D | 4.* D | 10.1 | 11.4 | 0.6 |
| MINIMUM | | | | | | | | 4. | 4. | 4. | 0. | 0.0 | 10.5 | 0.1 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 01 76 1455 | | | .3 | | 0.003 | 0.003 | 0.005 | 0.450 | 0.005 | 2.160 | 328.0 | 15.0L | | |
| 10 02 76 1405 | | | .3 | | 0.009 | 0.003 | 0.015 | 0.415 | 0.007 | 1.220 | 340.0 | 15.0L | | |
| 06 04 76 1320 | | | .3 | | 0.013 | 0.003 | 0.010 | 0.545 | 0.006 | 1.560 | 282.0 | 15.0L | | |
| 04 05 76 1400 | | | .3 | | 0.006 | 0.003 | 0.015 | 0.545 | 0.005 | 1.000 | 302.0 | 15.0L | | |
| 09 06 76 1345 | | | .3 | | | 0.003 | 0.035 | | 0.011 | 1.770 | 346.0 | 9.0 | | |
| 20 07 76 1445 | | | .3 | | 0.008 | 0.005 | 0.005 | 0.335 | 0.033 | 2.950 | 318.0 | 5.0 | | |
| 11 08 76 1445 | | | .3 | | 0.007 | 0.005 | 0.035 | 0.285 | 0.011 | 2.540 | 334.0 | 7.0 | | |
| 13 09 76 1420 | | | .3 | | 0.005 | 0.002 | 0.010 | 0.410 | 0.006 | 1.630 | 384.0 | 15.0L | | |
| 09 11 76 1440 | | | .3 | | 0.002 | 0.002 | 0.005 | 0.430 | 0.004 | 1.580 | 322.0 | 15.0L | | |
| 07 12 76 1510 | | | .3 | | 0.004 | 0.001 | 0.010 | 0.425 | 0.029 | 2.900 | 348.0 | 15.0L | | |
| MAXIMUM | | | | | 0.013 | 0.005 | 0.035 | 0.545 | 0.033 | 2.950 | 384.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.006 | 0.003 | 0.015 | 0.427 | 0.012 | 1.931 | 330.4 | 12.60 | | |
| MINIMUM | | | | | 0.002 | 0.001 | 0.005 | 0.285 | 0.004 | 1.000 | 282.0 | 5.0 | | |
| NO OF SAMPLES | | | | | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 01 76 1455 | | | .3 | | 525 | 0.65 | 6.0 | | | | | | | |
| 10 02 76 1405 | | | .3 | | 525 | 0.65 | 6.5 | | | | | | | |
| 06 04 76 1320 | | | .3 | | 460 | 0.70 | 5.5 | | | | | | | |
| 04 05 76 1400 | | | .3 | | 471 | 0.65 | 5.0 | | | | | | | |
| 09 06 76 1345 | | | .3 | | 520 | 0.65 | 6.0 | | | | | | | |
| 20 07 76 1445 | | | .3 | | 540 | 0.85 | 6.5 | | | | | | | |
| 11 08 76 1445 | | | .3 | | 500 | 1.40 | 7.0 | | | | | | | |
| 13 09 76 1420 | | | .3 | | 550 | 0.70 | 6.5 | | | | | | | |
| 09 11 76 1440 | | | .3 | | 560 | 0.55 | 6.5 | | | | | | | |
| 07 12 76 1510 | | | .3 | | 560 | 0.60 | 7.0 | | | | | | | |
| MAXIMUM | | | | | 560 | 1.40 | 7.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 521 | 0.74 | 6.3 | | | | | | | |
| MINIMUM | | | | | 460 | 0.55 | 5.0 | | | | | | | |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: LUCKNOW RIVER
SAMPLE POINT: HIGHWAY 21, PORT ALBERT
STATION TYPE: RIVER FLOW GAUGE MOE 02FD103

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LUCKNOW RIVER

STATION ID: 08-0076-001-02

STORET CODE: 02
002
0730

| STN NO | 1 | LAT | LONG | U.T.M. 17 0442590.0 4858390.0 4 | | | | REGION 01 | | | | MILEAGE | 0.80 | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 04 02 76 1600 | | | .3 | | 20018 | 4 | | 590. | 240. | 32. | 0. | 0.2 | 14.2 | 0.8 |
| 04 03 76 1205 | | | .3 | | 20036 | 6 | | 1110. | 20. | 160. | 0. | 2.0 | 14.0 | 1.1 |
| 28 04 76 1230 | | | .3 | | 20056 | 6 | | 1240. | 116. | 92. | 4. | 8.5 | 11.8 | 0.4 |
| 12 05 76 1335 | | | .3 | | 20077 | 6 | | 340. | 20. | 8. | 4. L | 12.5 | 11.8 | 1.3 |
| 02 06 76 1315 | | | .3 | | 20098 | 6 | | 11000. | 410. | 130. | 4. L | 19.7 | 10.0 | 0.8 |
| 27 07 76 1305 | | | .3 | | 20119 | 6 | | 110. | 32. | 40. | 4. | 26.0 | 10.4 | 1.6 |
| 17 08 76 1251 | | | .3 | | 20140 | 6 | | 190. | 72. | 12. | 4. | 20.9 | 12.6 | 0.6 |
| 13 09 76 1345 | | | .3 | | 25134 | 8 | | 76. | 36. | 4. L | 4. L | 20.0 | 9.0 | 0.4 |
| 09 11 76 1415 | | | .3 | | 25168 | 8 | | 76. | 4. | 4. L | 4. L | 2.0 | 12.0 | 0.3 |
| 07 12 76 1445 | | | .3 | | 25185 | 8 | | 780. | 20. | 20. | 4. L | 0.0 | 11.5 | 1.1 |
| MAXIMUM | | | | | | | | 11000. | 410. | 160. | 4. | 26.0 | 14.2 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 442.* | 44.* | 24.* D | 3.* D | 11.2 | 11.7 | 0.8 |
| MINIMUM | | | | | | | | 76. | 4. | 4. | 0. | 0.0 | 9.0 | 0.3 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 | 02 | 76 | 1600 | | | .3 | 0.017 | 0.011 | 0.075 | 0.440 | 0.015 | 0.980 | | | | |
| 04 | 03 | 76 | 1205 | | | .3 | 0.033 | 0.015 | 0.045 | 0.475 | 0.009 | 1.190 | | | | |
| 28 | 04 | 76 | 1230 | | | .3 | 0.027 | 0.005 | 0.005L | 0.740 | 0.006 | 0.660 | | | | |
| 12 | 05 | 76 | 1335 | | | .3 | 0.013 | 0.005 | 0.005L | 0.555 | 0.007 | 0.460 | | | | |
| 02 | 06 | 76 | 1315 | | | .3 | 0.083 | 0.067 | 0.015 | 0.535 | 0.031 | 0.510 | | | | |
| 27 | 07 | 76 | 1305 | | | .3 | 0.021 | 0.004 | 0.025 | 0.440 | 0.006 | 0.280 | | | | |
| 17 | 08 | 76 | 1251 | | | .3 | 0.009 | 0.003 | 0.015 | 0.355 | 0.005 | 0.420 | | | | |
| 13 | 09 | 76 | 1345 | | | .3 | 0.018 | 0.004 | 0.015 | 0.530 | 0.004 | 0.350 | | | | |
| 09 | 11 | 76 | 1415 | | | .3 | 0.006 | 0.004 | 0.015 | 0.340 | 0.003 | 0.620 | | | | |
| 07 | 12 | 76 | 1445 | | | .3 | 0.009 | 0.003 | 0.015 | 0.375 | 0.005 | 1.640 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.083 | 0.067 | 0.075 | 0.740 | 0.031 | 1.640 |
| AVG OR GEOM MN (*) | 0.024 | 0.012 | 0.023D | 0.479 | 0.009 | 0.711 |
| MINIMUM | 0.006 | 0.003 | 0.005 | 0.340 | 0.003 | 0.280 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 04 | 02 | 76 | 1600 | | | .3 | 520 | 3.10 | 10.0 | | | | | | | |
| 04 | 03 | 76 | 1205 | | | .3 | 452 | 22.00 | 9.0 | | | | | | | |
| 28 | 04 | 76 | 1230 | | | .3 | 455 | 3.70 | 8.5 | | | | | | | |
| 12 | 05 | 76 | 1335 | | | .3 | 540 | 2.20 | 8.5 | | | | | | | |
| 02 | 06 | 76 | 1315 | | | .3 | 490 | 3.20 | 11.0 | | | | | | | |
| 27 | 07 | 76 | 1305 | | | .3 | 460 | 5.90 | 14.0 | | | | | | | |
| 17 | 08 | 76 | 1251 | | | .3 | 510 | 6.70 | 15.5 | | | | | | | |
| 13 | 09 | 76 | 1345 | | | .3 | 520 | 7.20 | 19.0 | | | | | | | |
| 09 | 11 | 76 | 1415 | | | .3 | 570 | 5.20 | 16.5 | | | | | | | |
| 07 | 12 | 76 | 1445 | | | .3 | 560 | 2.50 | 14.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 570 | 22.00 | 19.0 |
| AVG OR GEOM MN (*) | 508 | 6.17 | 12.7 |
| MINIMUM | 452 | 2.20 | 8.5 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W. / SITE: LUCKNOW RIVER
SAMPLE POINT: CANNING STREET, VILLAGE OF LUCKNOW
STATION TYPE: RIVER FLOW GAUGE MOE 02FD102

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LUCKNOW RIVER

STATION ID: 08-0076-002-02

STORET CODE: 02
002
0730

| STN NO | | 2 | LAT | | LONG | | U.T.M. 17 0458490.0 4866900.0 4 | | | | REGION 01 | | MILEAGE | | 16.00 | | |
|--------|----|-----|------|-----|------|------|---------------------------------|--------|-----|------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP | | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 04 | 02 | 76 | 1515 | | | | .3 | 20017 | 4 | | 3500. | 480. | 340. | 0. | 0.2 | 13.2 | 0.4 |
| 04 | 03 | 76 | 1130 | | | | .3 | 20035 | 6 | | 3800. | 210. | 420. | 0. | 2.0 | 12.2 | 1.0 |
| 28 | 04 | 76 | 1135 | | | | .3 | 20055 | 6 | | 9000. | 400. | 110. | 4. | 7.7 | 12.2 | 0.7 |
| 12 | 05 | 76 | 1255 | | | | .3 | 20076 | | | 13000. | 284. | 72. | 8. | 10.4 | 13.5 | 1.4 |
| 02 | 06 | 76 | 1228 | | | | .3 | 20097 | 6 | | 510. | 84. | 50. | 4. | 17.0 | 12.4 | 1.0 |
| 27 | 07 | 76 | 1210 | | | | .3 | 20118 | 6 | | 33000. | 640. | 260. | 20. | 22.1 | 11.9 | 1.8 |
| 17 | 08 | 76 | 1273 | | | | .3 | 20139 | 6 | | 46000. | 2900. | 296. | 16. | 17.9 | 13.6 | 0.6 |
| 13 | 09 | 76 | 0915 | | | | .3 | 25122 | 8 | | 700. | 192. | 40. | 4. | 16.0 | 7.5 | 0.4 |
| 09 | 11 | 76 | 0915 | | | | .3 | 25156 | 8 | | 6500. | 364. | 184. | 4. | 1.0 | 11.0 | 0.3 |
| 07 | 12 | 76 | 0920 | | | | .3 | 25173 | 4 | | 9400. | 164. | 260. | 4. | 0.0 | 10.5 | 0.8 |

| | | | | | | | |
|--------------------|--------|-------|-------|-----|------|------|-----|
| MAXIMUM | 46000. | 2900. | 420. | 20. | 22.1 | 13.6 | 1.8 |
| AVG OR GEOM MN (*) | 5905.* | 340.* | 156.* | 4.* | 9.4 | 11.8 | 0.8 |
| MINIMUM | 510. | 84. | 40. | 0. | 0.0 | 7.5 | 0.3 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 | 02 | 76 | 1515 | | | .3 | 0.024 | 0.014 | 0.040 | 0.480 | 0.010 | 0.680 | | | | |
| 04 | 03 | 76 | 1130 | | | .3 | 0.037 | 0.014 | 0.070 | 0.585 | 0.009 | 1.110 | | | | |
| 28 | 04 | 76 | 1135 | | | .3 | 0.024 | 0.007 | 0.005 | 0.650 | 0.007 | 0.630 | | | | |
| 12 | 05 | 76 | 1255 | | | .3 | 0.025 | 0.011 | 0.005 | 0.565 | 0.008 | 0.480 | | | | |
| 02 | 06 | 76 | 1228 | | | .3 | 0.023 | 0.007 | 0.015 | 0.575 | 0.024 | 0.370 | | | | |
| 27 | 07 | 76 | 1210 | | | .3 | 0.033 | 0.004 | 0.030 | 0.555 | 0.011 | 0.290 | | | | |
| 17 | 08 | 76 | 1273 | | | .3 | 0.012 | 0.007 | 0.030 | 0.390 | 0.011 | 0.360 | | | | |
| 13 | 09 | 76 | 0915 | | | .3 | 0.023 | 0.006 | 0.035 | 0.530 | 0.008 | 0.330 | | | | |
| 09 | 11 | 76 | 0915 | | | .3 | 0.039 | 0.028 | 0.015 | 0.435 | 0.005 | 0.520 | | | | |
| 07 | 12 | 76 | 0920 | | | .3 | 0.020 | 0.009 | 0.035 | 0.505 | 0.008 | 1.340 | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.039 | 0.028 | 0.070 | 0.650 | 0.024 | 1.340 |
| AVG OR GEOM MN (*) | 0.026 | 0.011 | 0.028 | 0.527 | 0.010 | 0.611 |
| MINIMUM | 0.012 | 0.004 | 0.005 | 0.390 | 0.005 | 0.290 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1515 | | | .3 | | 520 | 4.40 | 10.0 | | | | | | | |
| 04 | 03 | 76 | 1130 | | | .3 | | 484 | 10.00 | 13.5 | | | | | | | |
| 28 | 04 | 76 | 1135 | | | .3 | | 490 | 2.30 | 12.0 | | | | | | | |
| 12 | 05 | 76 | 1255 | | | .3 | | 590 | 2.10 | 15.5 | | | | | | | |
| 02 | 06 | 76 | 1228 | | | .3 | | 540 | 2.40 | 17.5 | | | | | | | |
| 27 | 07 | 76 | 1210 | | | .3 | | 550 | 1.70 | 23.0 | | | | | | | |
| 17 | 08 | 76 | 1273 | | | .3 | | 580 | 2.30 | 22.5 | | | | | | | |
| 13 | 09 | 76 | 0915 | | | .3 | | 570 | 3.20 | 20.0 | | | | | | | |
| 09 | 11 | 76 | 0915 | | | .3 | | 590 | 1.60 | 20.5 | | | | | | | |
| 07 | 12 | 76 | 0920 | | | .3 | | 570 | 2.40 | 16.5 | | | | | | | |
| MAXIMUM | | | | | | | | 590 | 10.00 | 23.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 548 | 3.24 | 17.1 | | | | | | | |
| MINIMUM | | | | | | | | 484 | 1.60 | 10.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: PINE RIVER
SAMPLE POINT: AT CONCESSION A. HURON TWP. NEAR LURGAN
STATION TYPE: RIVER FLOW GAUGE FED 02FD001

STATION ID: 08-0103-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: PINE RIVER

STORET CODE: 02
002
1010

| STN NO | 1 | LAT | LONG | U.T.M. | 17 | 0441900.0 | 4882425.0 | 4 | REGION 01 | MILEAGE | 1.20 | | | | | | |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 04 | 02 | 76 | 1430 | | | .3 | | 20016 | 4 | 52.00 | 420. | 84. | 340. | 0. | 0.8 | 12.8 | 0.8 |
| 04 | 03 | 76 | 1100 | | | .3 | | 20034 | 6 | 166.00 | 960. | 112. | 1230. | 8. | 1.0 | 13.0 | |
| 28 | 04 | 76 | 1100 | | | .3 | | 20054 | 6 | 63.70 | 3300. | 270. | 940. | 4. L | 5.9 | 11.6 | 1.4 |
| 12 | 05 | 76 | 1135 | | | .3 | | 20075 | 6 | 36.00 | 950. | 100. | 72. | 4. L | 10.2 | 10.6 | 1.6 |
| 02 | 06 | 76 | 1153 | | | .3 | | 20096 | 6 | 7.60 | 100. | 4. L | 16. | 4. L | 18.5 | 6.3 | 1.4 |
| 27 | 07 | 76 | 1138 | | | .3 | | 20117 | 6 | 0.90 | 810. | 384. | 324. | 8. | 23.6 | 9.5 | 2.0 |
| 17 | 08 | 76 | 1144 | | | .3 | | 20138 | 6 | 0.18 | 1100. | 60. | 196. | 16. | 19.0 | 11.6 | 2.4 |
| 28 | 09 | 76 | 1530 | | | .3 | | 20159 | 6 | 4.20 | 200. | 76. | 44. | 4. L | 13.8 | | 2.3 |
| 13 | 10 | 76 | 1515 | | | .3 | | 20178 | 6 | 3.90 | 120. | 20. | 24. | 4. L | 12.8 | 11.6 | 0.6 |
| 23 | 11 | 76 | 1345 | | | .3 | | 20197 | 6 | 27.90 | 640. | 84. | 380. | 4. L | 1.2 | 14.4 | 1.3 |
| 14 | 12 | 76 | 1515 | | | .3 | | 20214 | 4 | 13.50 | 2600. | 192. | 328. | 4. L | 0.1 | 16.6 | 0.6 |
| MAXIMUM | | | | | | | | | | 166.00 | 3300. | 384. | 1230. | 16. | 23.6 | 16.6 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 34.17 | 612.* | 77.* D | 172.* | 5.* D | 9.7 | 11.8 | 1.4 |
| MINIMUM | | | | | | | | | | 0.18 | 100. | 4. | 16. | 0. | 0.1 | 6.3 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1430 | | | .3 | | 0.069 | 0.050 | 0.075 | 0.455 | 0.011 | 1.750 | | | | |
| 04 | 03 | 76 | 1100 | | | .3 | | 0.071 | 0.041 | 0.115 | 0.460 | 0.014 | 3.300 | | | | |
| 28 | 04 | 76 | 1100 | | | .3 | | 0.064 | 0.011 | 0.060 | 0.735 | 0.028 | 1.880 | | | | |
| 12 | 05 | 76 | 1135 | | | .3 | | 0.056 | 0.021 | 0.145 | 0.810 | 0.040 | 1.220 | | | | |
| 02 | 06 | 76 | 1153 | | | .3 | | 0.053 | 0.009 | 0.040 | 0.685 | 0.031 | 0.200 | | | | |
| 27 | 07 | 76 | 1138 | | | .3 | | 0.029 | 0.005 | 0.045 | 0.515 | 0.014 | 0.120 | | | | |
| 17 | 08 | 76 | 1144 | | | .3 | | 0.035 | 0.015 | 1040.000 | 0.695 | 0.006 | 0.020 | | | | |
| 28 | 09 | 76 | 1530 | | | .3 | | 0.022 | 0.010 | 0.020 | 0.425 | 0.023 | 1.260 | | | | |
| 13 | 10 | 76 | 1515 | | | .3 | | 0.037 | 0.007 | 0.010 | 0.735 | 0.014 | 0.940 | | | | |
| 23 | 11 | 76 | 1345 | | | .3 | | 0.019 | 0.002 | 0.010 | 0.425 | 0.001 | 0.240 | | | | |
| 14 | 12 | 76 | 1515 | | | .3 | | 0.021 | 0.014 | 0.035 | 0.425 | 0.010 | 2.700 | | | | |
| MAXIMUM | | | | | | | | 0.071 | 0.050 | 1040.000 | 0.810 | 0.040 | 3.300 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.043 | 0.017 | 94.596 | 0.579 | 0.017 | 1.239 | | | | |
| MINIMUM | | | | | | | | 0.019 | 0.002 | 0.010 | 0.425 | 0.001 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1430 | | | .3 | | 580 | 3.80 | 9.5 | | | | | | | |
| 04 | 03 | 76 | 1100 | | | .3 | | 469 | 18.00 | 10.5 | | | | | | | |
| 28 | 04 | 76 | 1100 | | | .3 | | 520 | 16.00 | 11.0 | | | | | | | |
| 12 | 05 | 76 | 1135 | | | .3 | | 560 | 12.00 | 9.0 | | | | | | | |
| 02 | 06 | 76 | 1153 | | | .3 | | 490 | 15.00 | 10.0 | | | | | | | |
| 27 | 07 | 76 | 1138 | | | .3 | | 430 | 9.90 | 18.5 | | | | | | | |
| 17 | 08 | 76 | 1144 | | | .3 | | 450 | 20.00 | 19.0 | | | | | | | |
| 28 | 09 | 76 | 1530 | | | .3 | | 550 | 18.00 | 25.0 | | | | | | | |
| 13 | 10 | 76 | 1515 | | | .3 | | 540 | 14.00 | 22.0 | | | | | | | |
| 23 | 11 | 76 | 1345 | | | .3 | | 600 | 15.00 | 14.5 | | | | | | | |
| 14 | 12 | 76 | 1515 | | | .3 | | 630 | 5.10 | 13.0 | | | | | | | |
| MAXIMUM | | | | | | | | 630 | 20.00 | 25.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 529 | 13.35 | 14.7 | | | | | | | |
| MINIMUM | | | | | | | | 430 | 3.80 | 9.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W. / SITE: LITTLE SAUBLE RIVER
 SAMPLE POINT: NORTH BRANCH INVERHURON PROVINCIAL PARK
 STATION TYPE: RIVER

MOE SW A1
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: LITTLE SAUBLE RIVER

STATION ID: 08-0113-001-02

STORE CODE: 02
 002
 1110

| STN NO | 1 | LAT | LONG | U.T.M. 17 0453825.0 4904950.0 4 | REGION 01 | MILEAGE | 1.20 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BCD MG/L |
| 04 02 76 1250 | | | .3 | | 20015 | 6 | | 410. | 12. | 120. | 0. | 1.9 | 16.0 | 0.8 |
| 04 03 76 1020 | | | .3 | | 20033 | 6 | | 430. | 80. | 2100. | 0. | 1.3 | 13.0 | 1.1 |
| 28 04 76 1020 | | | .3 | | 20053 | 6 | | 200. | 24. | 20. | 4. L | 7.0 | 11.8 | 0.6 |
| 12 05 76 1040 | | | .3 | | 20074 | 6 | | 220. | 100. | 20. | 4. L | 8.5 | 11.8 | 0.9 |
| 02 06 76 1058 | | | .3 | | 20095 | 6 | | 150. | 20. | 24. | 4. L | 11.2 | 8.6 | 0.9 |
| 27 07 76 1040 | | | .3 | | 20116 | 6 | | 590. | 280. | 256. | 4. L | 12.8 | 11.6 | 1.8 |
| 17 08 76 1040 | | | .3 | | 20137 | 6 | | 1900. | 300. | | 4. L | 12.2 | 13.9 | 0.5 |
| 28 09 76 1450 | | | .3 | | 20158 | 6 | | 160. | 388. | 180. | 4. L | 12.2 | | 0.6 |
| 13 10 76 1430 | | | .3 | | 20177 | 6 | | 350. | 20. | 320. | 4. L | 10.0 | 10.2 | 0.4 |
| 23 11 76 1310 | | | .3 | | 20196 | 6 | | 1100. | 12. | 40. | 4. L | 2.2 | 17.6 | 0.8 |
| 14 12 76 1420 | | | .3 | | 20213 | 6 | | 6200. | 36. | 344. | 4. L | 2.2 | 15.2 | 0.7 |
| MAXIMUM | | | | | | | | 6200. | 388. | 2100. | 4. | 12.8 | 17.6 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 501.* | 55.* | 117.* | 3.* D | 7.4 | 13.0 | 0.8 |
| MINIMUM | | | | | | | | 150. | 12. | 20. | 0. | 1.3 | 8.6 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 10 | 11 | 11 | 10 | 11 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 04 02 76 1250 | | | .3 | | 0.045 | 0.030 | 0.090 | 0.550 | 0.017 | 1.290 | 366.0 | 7.0 | | |
| 04 03 76 1020 | | | .3 | | 0.077 | 0.064 | 0.110 | 0.265 | 0.200 | 1.150 | 262.0 | 15.0L | | |
| 28 04 76 1020 | | | .3 | | 0.025 | 0.005 | 0.020 | 0.435 | 0.006 | 0.960 | 322.0 | 15.0L | | |
| 12 05 76 1040 | | | .3 | | 0.015 | 0.007 | 0.010 | 0.410 | 0.008 | 0.660 | 302.0 | 15.0L | | |
| 02 06 76 1058 | | | .3 | | 0.021 | 0.002 | 0.005L | 0.270 | 0.036 | 1.260 | 245.0 | 17.5 | | |
| 27 07 76 1040 | | | .3 | | 0.033 | 0.016 | 0.045 | 0.325 | 0.026 | 1.550 | 328.0 | 12.5 | | |
| 17 08 76 1040 | | | .3 | | 0.013 | 0.005 | 0.025 | 0.240 | 0.025 | 1.500 | 326.0 | 15.0L | | |
| 28 09 76 1450 | | | .3 | | 0.019 | 0.004 | 0.005 | 0.315 | 0.013 | 1.180 | 346.0 | 9.5 | | |
| 13 10 76 1430 | | | .3 | | 0.027 | 0.011 | 0.010 | 0.245 | 0.006 | 1.240 | 334.0 | 4.5 | | |
| 23 11 76 1310 | | | .3 | | 0.032 | 0.014 | 0.010 | 0.495 | 0.012 | 3.700 | 382.0 | 15.0L | | |
| 14 12 76 1420 | | | .3 | | 0.031 | 0.017 | 0.045 | 0.465 | 0.006 | 2.040 | 362.0 | 15.0L | | |
| MAXIMUM | | | | | 0.077 | 0.064 | 0.110 | 0.550 | 0.200 | 3.700 | 382.0 | 17.5 | | |
| AVG OR GEOM MN (*) | | | | | 0.031 | 0.016 | 0.034D | 0.365 | 0.032 | 1.503 | 325.0 | 12.8D | | |
| MINIMUM | | | | | 0.013 | 0.002 | 0.005 | 0.240 | 0.006 | 0.660 | 245.0 | 4.5 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 04 02 76 1250 | | | .3 | | 560 | 6.30 | 10.0 | | | 2.0 | 264 | 8.07 | 0.34 | |
| 04 03 76 1020 | | | .3 | | 438 | 9.30 | 10.5 | | | 3.0 | 198 | 8.06 | 0.58 | |
| 28 04 76 1020 | | | .3 | | 490 | 2.10 | 11.0 | | | 0.0 | 223 | 8.20 | | 0.140 |
| 12 05 76 1040 | | | .3 | | 490 | 2.20 | 8.0 | | | 0.0 | 228 | 8.27 | | 0.160 |
| 02 06 76 1058 | | | .3 | | 490 | 1.80 | 9.5 | | | 0.0 | 225 | 8.38 | | 0.130 |
| 27 07 76 1040 | | | .3 | | 520 | 5.80 | 11.0 | | | 4.0 | 234 | 8.07 | | 0.230 |
| 17 08 76 1040 | | | .3 | | 580 | 5.50 | 10.5 | | | 1.6 | 234 | 8.21 | | 0.370 |
| 28 09 76 1450 | | | .3 | | 560 | 5.40 | 13.5 | | | 4.0 | 253 | 8.14 | | 0.320 |
| 13 10 76 1430 | | | .3 | | 560 | 4.00 | 13.0 | | | 4.0 | 257 | 8.14 | | 0.240 |
| 23 11 76 1310 | | | .3 | | 610 | 5.40 | 16.5 | | | 0.0 | 248 | 8.28 | | 0.290 |
| 14 12 76 1420 | | | .3 | | 610 | 6.40 | 19.0 | | | 6.0 | 254 | 8.03 | | 0.310 |
| MAXIMUM | | | | | 610 | 9.30 | 19.0 | | | 6.0 | 264 | 8.38 | 0.58 | 0.370 |
| AVG OR GEOM MN (*) | | | | | 537 | 4.93 | 12.0 | | | 2.2 | 238 | 8.17 | 0.46 | 0.243 |
| MINIMUM | | | | | 438 | 1.80 | 8.0 | | | 0.0 | 198 | 8.03 | 0.34 | 0.130 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | 11 | 11 | 11 | 2 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 04 02 76 1250 | | | .3 | | | 294.0 | | | 15 | | | | | |
| 04 03 76 1020 | | | .3 | | | 224.0 | | | 20 | | | | | |
| 28 04 76 1020 | | | .3 | | | 256.0 | | | 5 | | | | | |
| 12 05 76 1040 | | | .3 | | | 260.0 | | | 20 | | | | | |
| 02 06 76 1058 | | | .3 | | | 252.0 | | | 5 | | | | | |
| 27 07 76 1040 | | | .3 | | | 268.0 | | | 10 | | | | | |
| 17 08 76 1040 | | | .3 | | | 276.0 | | | 5 | | | | | |
| 28 09 76 1450 | | | .3 | | | 288.0 | | | 5 | | | | | |
| 13 10 76 1430 | | | .3 | | | 290.0 | | | 5 | | | | | |
| 23 11 76 1310 | | | .3 | | | 324.0 | | | 10 | | | | | |
| 14 12 76 1420 | | | .3 | | | 324.0 | | | 5 | | | | | |
| MAXIMUM | | | | | | 324.0 | | | 20 | | | | | |
| AVG OR GEOM MN (*) | | | | | | 277.8 | | | 10 | | | | | |
| MINIMUM | | | | | | 224.0 | | | 5 | | | | | |
| NO OF SAMPLES | | | | | | 11 | | | 11 | | | | | |

B.O.W. / SITE: SAUGEEN RIVER
SAMPLE POINT: HIGHWAY 21, SOUTHAMPTON
STATION TYPE: RIVER FLOW GAUGE FED 02FC001

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STATION ID: 08-0123-001-02

STORET CODE: 02
002
1260

| STN NO | 1 | LAT | LONG | U.T.M. 17 0470940.0 4927200.0 4 | REGION 01 | MILEAGE | 0.40 | | | | | | |
|--------------------|------|-----------|------|---------------------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 13 01 76 1100 | | .3 | | 26015 | 6 | 990.00 | 2100. | 136. | 84. | 0. | 0.0 | 13.0 | 0.9 |
| 17 02 76 1100 | | .3 | | 26033 | 4 | 4000.00 | 4000. | 276. | 2700. | 12. | 1.0 | 12.5 | 1.3 |
| 09 03 76 1025 | | .3 | | 26051 | 6 | 7330.00 | 530. | 84. | 160. | 4. L | 0.0 | 12.5 | 0.4 |
| 14 04 76 1030 | | .3 | | 26069 | 6 | 2620.00 | 2000. | 52. | 20. | 4. | 6.5 | 11.5 | 0.8 |
| 18 05 76 1130 | | .3 | | 26087 | 6 | 3530.00 | 9000. | 440. | 880. | 4. L | 12.0 | 10.0 | 2.1 |
| 15 06 76 1030 | | .3 | | 26105 | 6 | 680.00 | 80. | 8. | 4. L | 4. L | 24.0 | 8.0 | 0.3 |
| 13 07 76 1100 | | .3 | | 26123 | 6 | 1070.00 | 100. | 50. | 20. | 4. | 20.0 | 8.0 | 1.0 |
| 17 08 76 1115 | | .3 | | 26141 | 6 | 806.00 | | | | | | | 0.6 |
| 21 09 76 1100 | | .3 | | 26159 | 6 | 1020.00 | | | | | 16.5 | 8.5 | 0.6 |
| 26 10 76 1040 | | .3 | | 26177 | 6 | 1920.00 | 840. | 144. | 56. | 4. L | 3.0 | 10.0 | 0.7 |
| 16 11 76 1025 | | .3 | | 26195 | 6 | 1100.00 | 110. | 30. | 40. | 4. L | 0.5 | 12.5 | 0.8 |
| 14 12 76 1045 | | .3 | | 26213 | 6 | 1220.00 | 5400. | 192. | 68. | 4. | 0.5 | 12.0 | 0.7 |
| MAXIMUM | | | | | | 7330.00 | 9000. | 440. | 2700. | 12. | 24.0 | 13.0 | 2.1 |
| AVG OR GEOM MN (*) | | | | | | 2190.50 | 892.* | 87.* | 77.* D | 4.* D | 7.6 | 10.8 | 0.9 |
| MINIMUM | | | | | | 680.00 | 80. | 8. | 4. | 0. | 0.0 | 8.0 | 0.3 |
| NO OF SAMPLES | | | | | | 12 | 10 | 10 | 10 | 10 | 11 | 11 | 12 |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KUJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 13 01 76 1100 | | .3 | | 0.021 | 0.013 | 0.055 | 0.445 | 0.004 | 1.160 | 382.0 | 15.0L | | |
| 17 02 76 1100 | | .3 | | 0.185 | 0.083 | 0.125 | 0.680 | 0.015 | 1.310 | 296.0 | 29.5 | | |
| 09 03 76 1025 | | .3 | | 0.047 | 0.025 | 0.040 | 0.480 | 0.011 | 1.020 | 262.0 | 31.0 | | |
| 14 04 76 1030 | | .3 | | 0.027 | 0.007 | 0.045 | 0.395 | 0.012 | 0.800 | 322.0 | 10.0 | | |
| 18 05 76 1130 | | .3 | | 0.049 | 0.043 | 0.115 | 0.470 | 0.055 | 1.170 | 362.0 | 92.0 | | |
| 15 06 76 1030 | | .3 | | 0.035 | 0.010 | 0.045 | 0.555 | 0.015 | 0.250 | 386.0 | 15.0L | | |
| 13 07 76 1100 | | .3 | | 0.025 | 0.005 | 0.015 | 0.470 | 0.025 | 0.400 | 446.0 | 15.0 | | |
| 17 08 76 1115 | | .3 | | 0.013 | 0.003 | 0.035 | 0.410 | 0.008 | 0.300 | 266.0 | 15.0L | | |
| 21 09 76 1100 | | .3 | | 0.015 | 0.003 | 0.025 | 0.415 | 0.005 | 0.260 | 402.0 | 15.0L | | |
| 26 10 76 1040 | | .3 | | 0.020 | 0.004 | 0.010 | 0.555 | 0.005 | 0.420 | 380.0 | 15.0L | | |
| 16 11 76 1025 | | .3 | | 0.010 | 0.003 | 0.005L | 0.410 | 0.005 | 0.460 | 346.0 | 15.0L | | |
| 14 12 76 1045 | | .3 | | 0.014 | 0.009 | 0.055 | 0.450 | 0.005 | 1.000 | 400.0 | 15.0L | | |
| MAXIMUM | | | | 0.185 | 0.083 | 0.125 | 0.680 | 0.055 | 1.310 | 446.0 | 92.0 | | |
| AVG OR GEOM MN (*) | | | | 0.038 | 0.017 | 0.048D | 0.478 | 0.014 | 0.713 | 355.8 | 23.50 | | |
| MINIMUM | | | | 0.010 | 0.003 | 0.005 | 0.395 | 0.004 | 0.250 | 262.0 | 10.0 | | |
| NO OF SAMPLES | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 13 01 76 1100 | | .3 | | 595 | 2.40 | 9.5 | | | | | | | |
| 17 02 76 1100 | | .3 | | 437 | 21.00 | 10.0 | | | | | | | |
| 09 03 76 1025 | | .3 | | 402 | 15.00 | 6.5 | | | | | | | |
| 14 04 76 1030 | | .3 | | 474 | 7.00 | 7.5 | | | | | | | |
| 18 05 76 1130 | | .3 | | 435 | 53.00 | 7.0 | | | | | | | |
| 15 06 76 1030 | | .3 | | 540 | 8.50 | 8.0 | | | | | | | |
| 13 07 76 1100 | | .3 | | 540 | 3.00 | 7.0 | | | | | | | |
| 17 08 76 1115 | | .3 | | 520 | 5.10 | 8.5 | | | | | | | |
| 21 09 76 1100 | | .3 | | 590 | 5.00 | 9.0 | | | | | | | |
| 26 10 76 1040 | | .3 | | 600 | 5.80 | 10.0 | | | | | | | |
| 16 11 76 1025 | | .3 | | 600 | 2.80 | 11.0 | | | | | | | |
| 14 12 76 1045 | | .3 | | 580 | 2.00 | 9.0 | | | | | | | |
| MAXIMUM | | | | 600 | 53.00 | 11.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | 526 | 10.88 | 8.6 | | | | | | | |
| MINIMUM | | | | 402 | 2.00 | 6.5 | | | | | | | |
| NO OF SAMPLES | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: SAUGEEN RIVER
 SAMPLE POINT: YONGE STREET, TOWN OF WALKERTON
 STATION TYPE: RIVER FLOW GAUGE FED 02FC002

STATION ID: 08-0123-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TRM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | 2 | LAT | LONG | U.T.M. 17 0487675.0 4886625.0 4 | REGION 01 | MILEAGE | 47.60 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1330 | | .3 | | 26008 | 6 | 480.00 | 1090. | 60. | 140. | 0. | 1.0 | 13.0 | 0.5 |
| 16 | 02 | 76 | 1345 | | .3 | | 26026 | 6 | 1350.00 | 5300. | 320. | 2600. | 148. | 1.0 | 12.5 | 0.9 |
| 08 | 03 | 76 | 1410 | | .3 | | 26044 | 6 | 4070.00 | 520. | 40. | 200. | 4. L | 1.0 | 13.0 | 1.1 |
| 13 | 04 | 76 | 1350 | | .3 | | 26052 | 6 | 1540.00 | 3500. | 60. | 12. | 8. | 5.0 | 12.0 | 0.4 |
| 17 | 05 | 76 | 1400 | | .3 | | 26080 | 6 | 1570.00 | 3100. | 640. | 1200. | 4. | 13.0 | 10.0 | 1.1 |
| 14 | 06 | 76 | 1540 | | .3 | | 26098 | 6 | 417.00 | 144. | 12. | 4. L | 4. L | 22.0 | 9.0 | 0.1L |
| 12 | 07 | 76 | 1410 | | .3 | | 26116 | 6 | 697.00 | 200. | 12. | 4. L | 4. L | 20.0 | 9.5 | 0.4 |
| 16 | 08 | 76 | 1400 | | .3 | | 26134 | 6 | 523.00 | | | | | 18.0 | 9.0 | 0.9 |
| 20 | 09 | 76 | 1420 | | .3 | | 26152 | 6 | 691.00 | | | | | 16.5 | 10.5 | 1.1 |
| 25 | 10 | 76 | 1400 | | .3 | | 26170 | 6 | 1280.00 | 1350. | 276. | 336. | 4. L | 4.0 | 12.5 | 1.2 |
| 15 | 11 | 76 | 1420 | | .3 | | 26188 | 6 | 569.00 | 850. | 130. | 140. | 4. L | 1.0 | 12.5 | 0.6 |
| 13 | 12 | 76 | 1440 | | .3 | | 26206 | 6 | 660.00 | 3300. | 100. | 36. | 4. | 1.0 | | |
| MAXIMUM | | | | | | | | | 4070.00 | 5300. | 640. | 2600. | 148. | 22.0 | 13.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | 1153.92 | 1135.* | 83.* | 88.* D | 5.* D | 8.6 | 11.1 | 0.8D |
| MINIMUM | | | | | | | | | 417.00 | 144. | 12. | 4. | 0. | 1.0 | 9.0 | 0.1 |
| NO OF SAMPLES | | | | | | | | | 12 | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 | 01 | 76 | 1330 | | .3 | | 0.024 | 0.015 | 0.065 | 0.375 | 0.008 | 1.200 | | | | |
| 16 | 02 | 76 | 1345 | | .3 | | 0.079 | 0.021 | 0.105 | 0.645 | 0.011 | 1.360 | | | | |
| 08 | 03 | 76 | 1410 | | .3 | | 0.041 | 0.011 | 0.025 | 0.495 | 0.009 | 0.960 | | | | |
| 13 | 04 | 76 | 1350 | | .3 | | 0.017 | 0.011 | 0.025 | 0.265 | 0.005 | 0.900 | | | | |
| 17 | 05 | 76 | 1400 | | .3 | | 0.119 | 0.019 | 0.065 | 0.730 | 0.023 | 0.660 | | | | |
| 14 | 06 | 76 | 1540 | | .3 | | 0.020 | 0.007 | 0.030 | 0.425 | 0.011 | 0.440 | | | | |
| 12 | 07 | 76 | 1410 | | .3 | | 0.019 | 0.015 | 0.015 | 0.585 | 0.033 | 0.100 | | | | |
| 16 | 08 | 76 | 1400 | | .3 | | 0.017 | 0.007 | 0.035 | 0.385 | 0.008 | 0.390 | | | | |
| 20 | 09 | 76 | 1420 | | .3 | | 0.024 | 0.009 | 0.035 | 0.495 | 0.006 | 0.380 | | | | |
| 25 | 10 | 76 | 1400 | | .3 | | 0.020 | 0.005 | 0.005 | 0.455 | 0.004 | 0.450 | | | | |
| 15 | 11 | 76 | 1420 | | .3 | | 0.011 | 0.002 | 0.005L | 0.375 | 0.004 | 0.570 | | | | |
| 13 | 12 | 76 | 1440 | | .3 | | 0.013 | 0.007 | 0.025 | 0.400 | 0.007 | 1.020 | | | | |
| MAXIMUM | | | | | | | 0.119 | 0.021 | 0.105 | 0.730 | 0.033 | 1.360 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.034 | 0.011 | 0.036D | 0.469 | 0.011 | 0.703 | | | | |
| MINIMUM | | | | | | | 0.011 | 0.002 | 0.005 | 0.265 | 0.004 | 0.100 | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 | 1330 | | .3 | | 610 | 1.90 | 8.0 | | | | | | | |
| 16 | 02 | 76 | 1345 | | .3 | | 555 | 14.00 | 10.5 | | | | | | | |
| 08 | 03 | 76 | 1410 | | .3 | | 418 | 8.70 | 6.5 | | | | | | | |
| 13 | 04 | 76 | 1350 | | .3 | | 480 | 2.00 | 6.5 | | | | | | | |
| 17 | 05 | 76 | 1400 | | .3 | | 470 | 41.00 | 6.0 | | | | | | | |
| 14 | 06 | 76 | 1540 | | .3 | | 580 | 2.50 | 6.5 | | | | | | | |
| 12 | 07 | 76 | 1410 | | .3 | | 460 | 3.30 | 7.5 | | | | | | | |
| 16 | 08 | 76 | 1400 | | .3 | | 580 | 3.00 | 7.5 | | | | | | | |
| 20 | 09 | 76 | 1420 | | .3 | | 540 | 3.40 | 8.5 | | | | | | | |
| 25 | 10 | 76 | 1400 | | .3 | | 600 | 3.60 | 9.0 | | | | | | | |
| 15 | 11 | 76 | 1420 | | .3 | | 640 | 1.70 | 9.5 | | | | | | | |
| 13 | 12 | 76 | 1440 | | .3 | | 600 | 2.40 | 7.5 | | | | | | | |
| MAXIMUM | | | | | | | 640 | 41.00 | 10.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 544 | 7.29 | 7.8 | | | | | | | |
| MINIMUM | | | | | | | 418 | 1.70 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: SAUGEEN RIVER
 SAMPLE POINT: HIGHWAY 4. HANDOVER
 STATION TYPE: RIVER

STATION ID: 08-0123-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | | 3 | LAT | | LONG | | U.T.M. 17 0496850.0 4888475.0 4 | | | | REGION 01 | | MILEAGE | | 58.80 | |
|--------------------|-----|------|------|-----|-------|----|---------------------------------|----------|----------|----------|-----------|----------|----------|--------|--------|----------|
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 | 01 | 76 | 1350 | | .3 | | 26009 | 6 | | 230. | 8. | 4. | 0. | 0.0 | 13.0 | 0.7 |
| 16 | 02 | 76 | 1400 | | .3 | | 26027 | 6 | | 910. | 32. | 288. | 4. L | 0.0 | 12.5 | 0.6 |
| 08 | 03 | 76 | 1430 | | .3 | | 26045 | 6 | | 1320. | 144. | 190. | 8. | 1.0 | 12.5 | 1.1 |
| 13 | 04 | 76 | 1415 | | .3 | | 26063 | 6 | | 1300. | 32. | 100. | 4. L | 5.0 | 11.5 | 0.6 |
| 17 | 05 | 76 | 1425 | | .3 | | 26081 | 6 | | 13000. | 880. | 960. | 4. L | 12.5 | 9.5 | 0.8 |
| 14 | 06 | 76 | 1600 | | .3 | | 26099 | 6 | | 50. | 8. | 4. L | 4. L | 22.0 | 9.0 | 0.1 |
| 12 | 07 | 76 | 1435 | | .3 | | 26117 | 6 | | 150. | 4. L | 4. L | 4. L | 17.0 | 8.5 | 1.3 |
| 16 | 08 | 76 | 1425 | | .3 | | 26135 | 6 | | | | | | 17.0 | 9.0 | 0.4 |
| 20 | 09 | 76 | 1445 | | .3 | | 26153 | 6 | | | | | | 16.0 | 8.5 | 0.9 |
| 25 | 10 | 76 | 1420 | | .3 | | 26171 | 6 | | 1690. | 172. | 244. | 4. L | 4.0 | 10.0 | 0.8 |
| 15 | 11 | 76 | 1440 | | .3 | | 26189 | 6 | | 1460. | 150. | 150. | 4. | 0.0 | 12.5 | 1.5 |
| 13 | 12 | 76 | 1455 | | .3 | | 26207 | 6 | | 380. | 80. | 24. | 4. L | 0.0 | 12.0 | 1.0 |
| MAXIMUM | | | | | | | | | | 13000. | 880. | 960. | 8. | 22.0 | 13.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | 711.* | 48.* D | 56.* D | 4.* D | 7.9 | 10.7 | 0.8D |
| MINIMUM | | | | | | | | | | 50. | 4. | 4. | 0. | 0.0 | 8.5 | 0.1 |
| NO OF SAMPLES | | | | | | | | | | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 | 01 | 76 | 1350 | | .3 | | 0.008 | 0.003 | 0.015 | 0.285 | 0.003 | 0.870 | 276.0 | 1.5 | | |
| 16 | 02 | 76 | 1400 | | .3 | | 0.027 | 0.003 | 0.050 | 0.455 | 0.006 | 0.640 | 280.0 | 14.5 | | |
| 08 | 03 | 76 | 1430 | | .3 | | 0.020 | 0.009 | 0.020 | 0.375 | 0.005 | 0.540 | 224.0 | 11.5 | | |
| 13 | 04 | 76 | 1415 | | .3 | | 0.014 | 0.007 | 0.045 | 0.265 | 0.005 | 0.620 | 254.0 | 15.0L | | |
| 17 | 05 | 76 | 1425 | | .3 | | 0.033 | 0.008 | 0.050 | 0.535 | 0.017 | 0.380 | 270.0 | 17.0 | | |
| 14 | 06 | 76 | 1600 | | .3 | | 0.037 | 0.020 | 0.005 | 0.395 | 0.019 | 0.450 | 258.0 | 15.0L | | |
| 12 | 07 | 76 | 1435 | | .3 | | 0.039 | 0.005 | 0.005L | 0.525 | 0.016 | 0.100 | 392.0 | 34.0 | | |
| 16 | 08 | 76 | 1425 | | .3 | | 0.034 | 0.021 | 0.035 | 0.405 | 0.016 | 0.390 | 278.0 | 15.0L | | |
| 20 | 09 | 76 | 1445 | | .3 | | 0.031 | 0.015 | 0.065 | 0.460 | 0.011 | 0.370 | 318.0 | 15.0L | | |
| 25 | 10 | 76 | 1420 | | .3 | | 0.029 | 0.013 | 0.055 | 0.465 | 0.011 | 0.370 | 290.0 | 15.0L | | |
| 15 | 11 | 76 | 1440 | | .3 | | 0.027 | 0.016 | 0.005 | 0.385 | 0.007 | 0.520 | 274.0 | 15.0L | | |
| 13 | 12 | 76 | 1455 | | .3 | | 0.004 | 0.002 | 0.010 | 0.345 | 0.001 | 0.800 | 320.0 | 15.0L | | |
| MAXIMUM | | | | | | | 0.039 | 0.021 | 0.065 | 0.535 | 0.019 | 0.870 | 392.0 | 34.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.025 | 0.010 | 0.030D | 0.408 | 0.010 | 0.504 | 286.2 | 15.3D | | |
| MINIMUM | | | | | | | 0.004 | 0.002 | 0.005 | 0.265 | 0.001 | 0.100 | 224.0 | 1.5 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY | MO | YR | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 12 | 01 | 76 | 1350 | | .3 | | 485 | 0.90 | 7.0 | | | | | | | |
| 16 | 02 | 76 | 1400 | | .3 | | 456 | 3.90 | 9.0 | | | | | | | |
| 08 | 03 | 76 | 1430 | | .3 | | 488 | 3.20 | 6.0 | | | | | | | |
| 13 | 04 | 76 | 1415 | | .3 | | 421 | 1.00 | 6.0 | | | | | | | |
| 17 | 05 | 76 | 1425 | | .3 | | 435 | 3.50 | 5.5 | | | | | | | |
| 14 | 06 | 76 | 1600 | | .3 | | 450 | 1.90 | 6.5 | | | | | | | |
| 12 | 07 | 76 | 1435 | | .3 | | 520 | 17.00 | 7.5 | | | | | | | |
| 16 | 08 | 76 | 1425 | | .3 | | 457 | 1.50 | 7.5 | | | | | | | |
| 20 | 09 | 76 | 1445 | | .3 | | 449 | 2.50 | 7.5 | | | | | | | |
| 25 | 10 | 76 | 1420 | | .3 | | 500 | 2.00 | 7.0 | | | | | | | |
| 15 | 11 | 76 | 1440 | | .3 | | 480 | 1.30 | 9.0 | | | | | | | |
| 13 | 12 | 76 | 1455 | | .3 | | 486 | 1.80 | 6.0 | | | | | | | |
| MAXIMUM | | | | | | | 520 | 17.00 | 9.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 469 | 3.38 | 7.0 | | | | | | | |
| MINIMUM | | | | | | | 421 | 0.90 | 5.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: TEESWATER RIVER
 SAMPLE POINT: DOWNSTREAM FROM DAM, WEST OF TEESWATER
 STATION TYPE: RIVER FLOW GAUGE MOE 02FC104

STATION ID: 08-0123-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | 4 | LAT | LONG | U.T.M. 17 0475450.0 4871625.0 4 | REGION 01 | MILEAGE | 62.10 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | ROD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 1245 | | | .3 | | 26007 | 6 | | 21000E+1 | 124. | 530. | 0. | 0.0 | 11.0 | 1.4 |
| 16 02 76 1300 | | | .3 | | 26025 | 6 | | 39000. | 140. | 2700. | 4. L | 0.0 | 12.0 | 0.6 |
| 08 03 76 1335 | | | .3 | | 26043 | 6 | | 1620. | 4. | 540. | 4. L | 0.0 | 12.5 | 1.1 |
| 13 04 76 1320 | | | .3 | | 26061 | 6 | | 84000E+1 | 160. | 4900. | 4. L | 6.0 | 11.5 | 1.0 |
| 17 05 76 1330 | | | .3 | | 26079 | 6 | | 76000. | 1400. | 3600. | 4. L | 12.0 | 10.0 | 1.1 |
| 14 06 76 1510 | | | .3 | | 26097 | 6 | | 740. | 4. L | 4. L | 4. L | 23.0 | 10.0 | 0.8 |
| 12 07 76 1345 | | | .3 | | 26115 | 6 | | 390. | 50. | 4. L | 12. | 17.0 | 12.0 | 1.3 |
| 16 08 76 1315 | | | .3 | | 26133 | 6 | | | | | | 18.0 | 11.0 | 1.9 |
| 20 09 76 1345 | | | .3 | | 26151 | 6 | | | | | | 17.0 | 9.5 | 2.7 |
| 25 10 76 1325 | | | .3 | | 26169 | 6 | | 4500. | 256. | 332. | 4. L | 5.0 | 10.0 | 1.7 |
| 15 11 76 1350 | | | .3 | | 26187 | 6 | | 1650. | 1000. | 120. | 4. L | 2.0 | 12.0 | 2.4 |
| 13 12 76 1400 | | | .3 | | 26205 | 6 | | 11000. | 76. | 48. | 4. L | 1.0 | 12.0 | 6.6 |
| MAXIMUM | | | | | | | | 84000E+1 | 1400. | 4900. | 12. | 23.0 | 12.5 | 6.6 |
| AVG OR GEOM MN (*) | | | | | | | | 10716.* | 95.* D | 230.* D | 4.* D | 8.4 | 11.1 | 1.9 |
| MINIMUM | | | | | | | | 390. | 4. | 4. | 0. | 0.0 | 9.5 | 0.6 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 01 76 1245 | | | .3 | | 0.094 | 0.056 | 0.040 | 0.470 | 0.011 | 2.700 | | | | |
| 16 02 76 1300 | | | .3 | | 0.086 | 0.035 | 0.105 | 0.685 | 0.013 | 2.700 | | | | |
| 08 03 76 1335 | | | .3 | | 0.046 | 0.023 | 0.040 | 0.435 | 0.011 | 1.980 | | | | |
| 13 04 76 1320 | | | .3 | | 0.066 | 0.058 | 0.065 | 0.290 | 0.011 | 2.360 | | | | |
| 17 05 76 1330 | | | .3 | | 0.180 | 0.121 | 0.080 | 0.720 | 0.027 | 1.240 | | | | |
| 14 06 76 1510 | | | .3 | | 0.224 | 0.191 | 0.065 | 0.605 | 0.129 | 1.500 | | | | |
| 12 07 76 1345 | | | .3 | | 0.029 | 0.005 | 0.010 | 0.745 | 0.024 | 0.100L | | | | |
| 16 08 76 1315 | | | .3 | | 0.440 | 0.283 | 0.075 | 0.700 | 0.095 | 1.330 | | | | |
| 20 09 76 1345 | | | .3 | | 0.600 | 0.259 | 0.085 | 1.550 | 0.083 | 1.290 | | | | |
| 25 10 76 1325 | | | .3 | | 0.073 | 0.044 | 0.035 | 0.555 | 0.013 | 1.160 | | | | |
| 15 11 76 1350 | | | .3 | | 0.071 | 0.023 | 0.010 | 0.455 | 0.015 | 1.600 | | | | |
| 13 12 76 1400 | | | .3 | | 0.300 | 0.245 | 0.055 | 0.925 | 0.011 | 2.800 | | | | |
| MAXIMUM | | | | | 0.600 | 0.283 | 0.105 | 1.550 | 0.129 | 2.800 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.184 | 0.112 | 0.055 | 0.678 | 0.037 | 1.7380 | | | | |
| MINIMUM | | | | | 0.029 | 0.005 | 0.010 | 0.290 | 0.011 | 0.100 | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 12 01 76 1245 | | | .3 | | 540 | 3.10 | 7.5 | | | | | | | |
| 16 02 76 1300 | | | .3 | | 455 | 9.50 | 7.5 | | | | | | | |
| 08 03 76 1335 | | | .3 | | 453 | 2.90 | 7.0 | | | | | | | |
| 13 04 76 1320 | | | .3 | | 493 | 1.00 | 7.5 | | | | | | | |
| 17 05 76 1330 | | | .3 | | 475 | 4.60 | 5.5 | | | | | | | |
| 14 06 76 1510 | | | .3 | | 380 | 2.70 | 7.0 | | | | | | | |
| 12 07 76 1345 | | | .3 | | 450 | 1.10 | 8.0 | | | | | | | |
| 16 08 76 1315 | | | .3 | | 500 | 3.30 | 7.5 | | | | | | | |
| 20 09 76 1345 | | | .3 | | 510 | 7.80 | 8.0 | | | | | | | |
| 25 10 76 1325 | | | .3 | | 610 | 2.70 | 8.0 | | | | | | | |
| 15 11 76 1350 | | | .3 | | 600 | 2.30 | 8.5 | | | | | | | |
| 13 12 76 1400 | | | .3 | | 570 | 3.70 | 8.0 | | | | | | | |
| MAXIMUM | | | | | 610 | 9.50 | 8.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 503 | 3.73 | 7.5 | | | | | | | |
| MINIMUM | | | | | 380 | 1.00 | 5.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: SAUGEEN RIVER
SAMPLE POINT: HIGHWAY 4. TOWN OF DURHAM
STATION TYPE: RIVER FLOW GAUGE FED 02FC014

STATION ID: 08-0123-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

| STN NO | 5 | LAT | LONG | U.T.M. 17 0512950.0 4891650.0 4 | REGION 01 | MILEAGE | 78.20 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 0915 | | | .3 | | 26000 | 6 | 91.00 | 3300. | 56. | 140. | 0. | 1.0 | 13.0 | 0.9 |
| 16 02 76 0835 | | | .3 | | 26018 | 6 | 200.00 | 5200. | 216. | 104. | 4. | 1.0 | 13.0 | 0.5 |
| 08 03 76 0850 | | | .3 | | 26036 | 6 | 626.00 | 670. | 36. | 100. | 4. L | 1.0 | 12.5 | 5.3 |
| 13 04 76 0905 | | | .3 | | 26054 | 6 | 262.00 | 19000E+1 | 380. | 40. | 4. L | 4.0 | 12.5 | 1.9 |
| 17 05 76 0850 | | | .3 | | 26072 | 6 | 178.00 | 910. | 200. | 128. | 4. L | 9.0 | 9.5 | 0.7 |
| 14 06 76 1130 | | | .3 | | 26090 | 6 | 57.00 | 620. | 44. | 8. | 4. L | 20.0 | 9.5 | 0.7 |
| 12 07 76 1050 | | | .3 | | 26108 | 6 | 118.00 | 330. | 4. L | 4. L | 4. L | 19.0 | 8.5 | 1.1 |
| 16 08 76 0900 | | | .3 | | 26126 | 6 | 68.40 | | | | | 16.0 | 8.0 | 0.6 |
| 20 09 76 0910 | | | .3 | | 26144 | 6 | 111.00 | | | | | 16.0 | 9.0 | 0.8 |
| 25 10 76 0900 | | | .3 | | 26162 | 6 | 188.00 | 1520. | 156. | 56. | 4. L | 2.0 | 10.5 | 1.5 |
| 15 11 76 0900 | | | .3 | | 26180 | 6 | 79.50 | 14000. | 1450. | 340. | 4. L | 0.0 | 11.5 | 1.4 |
| 12 12 76 0920 | | | .3 | | 26198 | 6 | 95.00 | 10000. | 810. | 240. | | 1.0 | 12.0 | 0.4 |
| MAXIMUM | | | | | | | 626.00 | 19000E+1 | 1450. | 340. | 4. | 20.0 | 13.0 | 5.3 |
| AVG OR GEOM MN (*) | | | | | | | 172.83 | 3117.* | 127.* D | 64.* D | 3.* D | 7.5 | 10.8 | 1.3 |
| MINIMUM | | | | | | | 57.00 | 330. | 4. | 4. | 0. | 0.0 | 8.0 | 0.4 |
| NO OF SAMPLES | | | | | | | 12 | 10 | 10 | 10 | 9 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 0915 | | | .3 | | 0.023 | 0.013 | 0.065 | 0.410 | 0.004 | 0.620 | 274.0 | 15.0L | | |
| 16 02 76 0835 | | | .3 | | 0.053 | 0.031 | 0.115 | 0.615 | 0.005 | 0.440 | 264.0 | 5.5 | | |
| 08 03 76 0850 | | | .3 | | 0.400 | 0.375 | 0.325 | 1.400 | 0.008 | 0.480 | 200.0 | 13.5 | | |
| 13 04 76 0905 | | | .3 | | 0.137 | 0.133 | 0.495 | 4.050 | 0.037 | 0.330 | 290.0 | 17.0 | | |
| 17 05 76 0850 | | | .3 | | 0.036 | 0.010 | 0.045 | 0.500 | 0.013 | 0.230 | 270.0 | 13.0 | | |
| 14 06 76 1130 | | | .3 | | 0.040 | 0.019 | 0.035 | 0.545 | 0.057 | 0.300 | 244.0 | 1.5L | | |
| 12 07 76 1050 | | | .3 | | 0.037 | 0.024 | 0.005 | 0.405 | 0.068 | 0.300 | 320.0 | 15.0 | | |
| 16 08 76 0900 | | | .3 | | 0.028 | 0.019 | 0.035 | 0.455 | 0.027 | 0.280 | 264.0 | 15.0L | | |
| 20 09 76 0910 | | | .3 | | 0.031 | 0.013 | 0.035 | 0.470 | 0.012 | 0.180 | 296.0 | 15.0L | | |
| 25 10 76 0900 | | | .3 | | 0.020 | 0.007 | 0.010 | 0.435 | 0.004 | 0.170 | 276.0 | 15.0L | | |
| 15 11 76 0900 | | | .3 | | 0.028 | 0.015 | 0.035 | 0.435 | 0.005 | 0.280 | 254.0 | 15.0L | | |
| 12 12 76 0920 | | | .3 | | 0.022 | 0.012 | 0.055 | 0.575 | 0.002 | 0.510 | 270.0 | 15.0L | | |
| MAXIMUM | | | | | 0.400 | 0.375 | 0.495 | 4.050 | 0.068 | 0.620 | 320.0 | 17.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.071 | 0.056 | 0.105 | 0.858 | 0.020 | 0.343 | 268.5 | 13.00 | | |
| MINIMUM | | | | | 0.020 | 0.007 | 0.005 | 0.405 | 0.002 | 0.170 | 200.0 | 1.5 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 0915 | | | .3 | | 485 | 1.20 | 12.0 | | | | | | | |
| 16 02 76 0835 | | | .3 | | 450 | 2.80 | 11.5 | | | | | | | |
| 08 03 76 0850 | | | .3 | | 361 | 3.50 | 6.0 | | | | | | | |
| 13 04 76 0905 | | | .3 | | 387 | 1.30 | 7.0 | | | | | | | |
| 17 05 76 0850 | | | .3 | | 400 | 2.50 | 6.5 | | | | | | | |
| 14 06 76 1130 | | | .3 | | 430 | 3.40 | 8.5 | | | | | | | |
| 12 07 76 1050 | | | .3 | | 445 | 2.50 | 6.5 | | | | | | | |
| 16 08 76 0900 | | | .3 | | 430 | 2.70 | 8.5 | | | | | | | |
| 20 09 76 0910 | | | .3 | | 425 | 2.60 | 10.5 | | | | | | | |
| 25 10 76 0900 | | | .3 | | 452 | 1.80 | 7.5 | | | | | | | |
| 15 11 76 0900 | | | .3 | | 484 | 2.30 | 8.5 | | | | | | | |
| 12 12 76 0920 | | | .3 | | 475 | 1.70 | 8.5 | | | | | | | |
| MAXIMUM | | | | | 485 | 3.50 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 435 | 2.36 | 8.5 | | | | | | | |
| MINIMUM | | | | | 361 | 1.20 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: ROCKY SAUGEEN RIVER
 SAMPLE POINT: AT CONCESSION ROAD SOUTHWEST OF MARKDALE
 STATION TYPE: RIVER FLOW GAUGE MOE 02FC100

STATION ID: 08-0123-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORE CODE: 02
 002
 1260

| STN NO | 6 | LAT | LONG | U.T.M. | 17 | 0526700.0 | 4905475.0 | 4 | REGION 01 | MILEAGE | 89.10 | | | |
|--------------------|------|-----|-------|--------|--------|-----------|-----------|----------|-----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 0950 | | | .3 | | 26001 | 6 | | 4500. | 116. | 168. | 4. | 1.0 | 12.5 | 0.7 |
| 16 02 76 0915 | | | .3 | | 26019 | 6 | | 26000. | 668. | 108. | 4. | 0.0 | 12.0 | 0.5 |
| 08 03 76 0925 | | | .3 | | 26037 | 6 | | 9000. | 112. | 60. | 4. | 1.0 | 12.0 | 1.3 |
| 13 04 76 0930 | | | .3 | | 26055 | 6 | | 1200. | 4. | 4. | 4. | 4.0 | 11.0 | 0.6 |
| 17 05 76 1000 | | | .3 | | 26073 | 6 | | 280. | 92. | 116. | 4. | 10.0 | 9.0 | 0.2 |
| 14 06 76 1205 | | | .3 | | 26091 | 6 | | 4. | 4. | 4. | 4. | 17.0 | 9.0 | 0.1 |
| 12 07 76 1000 | | | .3 | | 26109 | 6 | | 140. | 20. | 12. | 4. | 15.0 | 9.0 | 1.3 |
| 16 08 76 0940 | | | .3 | | 26127 | 6 | | | | | | 13.0 | 9.0 | 0.4 |
| 20 09 76 0945 | | | .3 | | 26145 | 6 | | | | | | 9.0 | 8.5 | 0.9 |
| 25 10 76 1000 | | | .3 | | 26163 | 6 | | 100. | 24. | 20. | 4. | 3.0 | 10.5 | 0.8 |
| 15 11 76 0930 | | | .3 | | 26181 | 6 | | 270. | 12. | 4. | 4. | 1.0 | 11.5 | 0.4 |
| 13 12 76 1010 | | | .3 | | 26199 | 6 | | 6200. | 72. | 56. | 4. | 1.0 | 12.0 | 0.8 |
| MAXIMUM | | | | | | | | 26000. | 668. | 168. | 4. | 17.0 | 12.5 | 1.3 |
| AVG OR GEOM MN (%) | | | | | | | | 711.* D | 37.* D | 25.* D | 4.* D | 6.3 | 10.5 | 0.70 |
| MINIMUM | | | | | | | | 4. | 4. | 4. | 4. | 0.0 | 8.5 | 0.1 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 01 76 0950 | | | .3 | | 0.037 | 0.029 | 0.075 | 0.295 | 0.005 | 1.760 | | | | |
| 16 02 76 0915 | | | .3 | | 0.047 | 0.031 | 0.095 | 0.475 | 0.007 | 1.220 | | | | |
| 08 03 76 0925 | | | .3 | | 0.033 | 0.023 | 0.065 | 0.415 | 0.003 | 1.070 | | | | |
| 13 04 76 0930 | | | .3 | | 0.020 | 0.010 | 0.025 | 0.135 | 0.003 | 1.310 | | | | |
| 17 05 76 1000 | | | .3 | | 0.043 | 0.018 | 0.015 | 0.395 | 0.009 | 1.120 | | | | |
| 14 06 76 1205 | | | .3 | | 0.011 | 0.003 | 0.015 | 0.310 | 0.008 | 1.010 | | | | |
| 12 07 76 1000 | | | .3 | | 0.035 | 0.011 | 0.005L | 0.565 | 0.046 | 0.200 | | | | |
| 16 08 76 0940 | | | .3 | | 0.010 | 0.004 | 0.030 | 0.320 | 0.006 | 0.740 | | | | |
| 20 09 76 0945 | | | .3 | | 0.011 | 0.003 | 0.050 | 0.365 | 0.005 | 0.800 | | | | |
| 25 10 76 1000 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.295 | 0.004 | 0.710 | | | | |
| 15 11 76 0930 | | | .3 | | 0.020 | 0.018 | 0.045 | 0.225 | 0.003 | 1.110 | | | | |
| 13 12 76 1010 | | | .3 | | 0.030 | 0.020 | 0.060 | 0.355 | 0.003 | 1.770 | | | | |
| MAXIMUM | | | | | 0.047 | 0.031 | 0.095 | 0.565 | 0.046 | 1.770 | | | | |
| AVG OR GEOM MN (%) | | | | | 0.025 | 0.014 | 0.041D | 0.346 | 0.009 | 1.068 | | | | |
| MINIMUM | | | | | 0.007 | 0.001 | 0.005 | 0.135 | 0.003 | 0.200 | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 12 01 76 0950 | | | .3 | | 510 | 0.75 | 7.0 | | | | | | | |
| 16 02 76 0915 | | | .3 | | 472 | 1.60 | 11.0 | | | | | | | |
| 08 03 76 0925 | | | .3 | | 448 | 0.90 | 7.5 | | | | | | | |
| 13 04 76 0930 | | | .3 | | 477 | 0.80 | 6.0 | | | | | | | |
| 17 05 76 1000 | | | .3 | | 470 | 1.70 | 5.0 | | | | | | | |
| 14 06 76 1205 | | | .3 | | 473 | 1.30 | 5.0 | | | | | | | |
| 12 07 76 1000 | | | .3 | | 415 | 2.60 | 7.0 | | | | | | | |
| 16 08 76 0940 | | | .3 | | 500 | 1.00 | 6.0 | | | | | | | |
| 20 09 76 0945 | | | .3 | | 474 | 1.20 | 6.0 | | | | | | | |
| 25 10 76 1000 | | | .3 | | 520 | 0.60 | 6.5 | | | | | | | |
| 15 11 76 0930 | | | .3 | | 530 | 0.70 | 6.5 | | | | | | | |
| 13 12 76 1010 | | | .3 | | 520 | 0.90 | 6.0 | | | | | | | |
| MAXIMUM | | | | | 530 | 2.60 | 11.0 | | | | | | | |
| AVG OR GEOM MN (%) | | | | | 484 | 1.17 | 6.6 | | | | | | | |
| MINIMUM | | | | | 415 | 0.60 | 5.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: NORTH SAUGEEN RIVER
 SAMPLE POINT: AT ELDERSLIE TOWNSHIP ROAD 25 AND 26
 STATION TYPE: RIVER FLOW GAUGE FED 02FC013

STATION ID: 08-0123-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | 9 | LAT | LONG | U.T.M. 17 0490350.0 4904500.0 4 | REGION 01 | MILEAGE | 34.40 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 13 01 76 1150 | | | .3 | | 26017 | 6 | 82.00 | 24. | 4. | 20. | 0. | 1.0 | 12.5 | 1.0 |
| 17 02 76 1300 | | | .3 | | 26035 | 6 | 185.00 | 610. | 4. | 128. | 4. L | 1.0 | 12.5 | 0.4 |
| 09 03 76 1125 | | | .3 | | 26053 | 6 | 480.00 | 2100. | 192. | 270. | 4. L | 1.0 | 12.0 | 1.1 |
| 14 04 76 1125 | | | .3 | | 26071 | 6 | 230.00 | | | | | 8.0 | 11.5 | 0.6 |
| 17 05 76 1320 | | | .3 | | 26089 | 6 | 323.00 | 820. | 480. | 360. | 4. L | 11.0 | 10.5 | 1.0 |
| 15 06 76 1140 | | | .3 | | 26107 | 6 | 62.00 | 160. | 44. | 16. | 4. L | 25.0 | 9.5 | 0.2 |
| 13 07 76 1200 | | | .3 | | 26125 | 6 | 94.30 | 52. | 4. L | 4. L | 4. L | 20.0 | 9.5 | 1.1 |
| 17 08 76 1330 | | | .3 | | 26143 | 6 | 113.00 | | | | | 21.5 | 11.0 | 0.5 |
| 21 09 76 1155 | | | .3 | | 26161 | 6 | 105.00 | | | | | 16.0 | 10.5 | 0.9 |
| 26 10 76 1230 | | | .3 | | 26179 | 6 | 126.00 | 240. | 28. | 36. | 4. L | 4.0 | 11.0 | 0.8 |
| 16 11 76 1130 | | | .3 | | 26197 | 6 | 109.00 | 90. | 4. L | 28. | 4. L | 1.5 | 11.5 | 1.0 |
| 14 12 76 1200 | | | .3 | | 26215 | 6 | 78.00 | 56. | 8. | 8. | 4. L | 0.0 | 12.0 | 0.4 |
| MAXIMUM | | | | | | | 480.00 | 2100. | 480. | 360. | 4. | 25.0 | 12.5 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | 165.61 | 185.* | 18.* D | 37.* D | 3.* D | 9.2 | 11.2 | 0.8 |
| MINIMUM | | | | | | | 62.00 | 24. | 4. | 4. | 0. | 0.0 | 9.5 | 0.2 |
| NO OF SAMPLES | | | | | | | 12 | 9 | 9 | 9 | 9 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | KJELDAHL MG/L | NO2-N MG/L | NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 13 01 76 1150 | | | .3 | | 0.011 | 0.006 | 0.020 | 0.275 | 0.009 | 0.590 | 274.0 | 15.0L | | |
| 17 02 76 1300 | | | .3 | | 0.041 | 0.024 | 0.040 | 0.425 | 0.007 | 0.700 | 238.0 | 2.5 | | |
| 09 03 76 1125 | | | .3 | | 0.015 | 0.010 | 0.035 | 0.355 | 0.005 | 0.480 | 222.0 | 15.0L | | |
| 14 04 76 1125 | | | .3 | | 0.017 | 0.007 | 0.025 | 0.265 | 0.005 | 0.420 | 242.0 | 15.0L | | |
| 17 05 76 1320 | | | .3 | | 0.039 | 0.009 | 0.005 | 0.490 | 0.013 | 0.340 | 268.0 | 18.0 | | |
| 15 06 76 1140 | | | .3 | | | 0.003 | 0.025 | | 0.012 | 0.120 | | | | |
| 13 07 76 1200 | | | .3 | | 0.031 | 0.006 | 0.015 | 0.485 | 0.025 | 0.200 | 398.0 | 22.0 | | |
| 17 08 76 1330 | | | .3 | | 0.011 | 0.007 | 0.025 | 0.350 | 0.003 | 0.090 | 244.0 | 15.0L | | |
| 21 09 76 1155 | | | .3 | | 0.028 | 0.015 | 0.015 | 0.385 | 0.005 | 0.120 | 286.0 | 15.0L | | |
| 26 10 76 1230 | | | .3 | | 0.021 | 0.008 | 0.010 | 0.275 | 0.005 | 0.220 | 276.0 | 15.0L | | |
| 16 11 76 1130 | | | .3 | | 0.014 | 0.005 | 0.005L | 0.300 | 0.005 | 0.300 | 264.0 | 15.0L | | |
| 14 12 76 1200 | | | .3 | | 0.004 | 0.003 | 0.015 | 0.330 | 0.001 | 0.610 | 296.0 | 15.0L | | |
| MAXIMUM | | | | | 0.041 | 0.024 | 0.040 | 0.490 | 0.025 | 0.700 | 398.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.021 | 0.009 | 0.0200 | 0.358 | 0.008 | 0.349 | 273.5 | 14.80 | | |
| MINIMUM | | | | | 0.004 | 0.003 | 0.005 | 0.265 | 0.001 | 0.090 | 222.0 | 2.5 | | |
| NO OF SAMPLES | | | | | 11 | 12 | 12 | 11 | 12 | 12 | 11 | 11 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 13 01 76 1150 | | | .3 | | 455 | 0.50 | 12.0 | | | | | | | |
| 17 02 76 1300 | | | .3 | | 433 | 1.20 | 5.0 | | | | | | | |
| 09 03 76 1125 | | | .3 | | 388 | 2.60 | 5.0 | | | | | | | |
| 14 04 76 1125 | | | .3 | | 386 | 2.40 | 4.0 | | | | | | | |
| 17 05 76 1320 | | | .3 | | 405 | 5.60 | 3.5 | | | | | | | |
| 15 06 76 1140 | | | .3 | | 395 | 15.00 | | | | | | | | |
| 13 07 76 1200 | | | .3 | | 520 | 7.60 | 7.5 | | | | | | | |
| 17 08 76 1330 | | | .3 | | 390 | 2.60 | 4.0 | | | | | | | |
| 21 09 76 1155 | | | .3 | | 407 | 2.90 | 4.5 | | | | | | | |
| 26 10 76 1230 | | | .3 | | 471 | 1.40 | 4.5 | | | | | | | |
| 16 11 76 1130 | | | .3 | | 457 | 2.80 | 5.0 | | | | | | | |
| 14 12 76 1200 | | | .3 | | 451 | 1.10 | 4.0 | | | | | | | |
| MAXIMUM | | | | | 520 | 15.00 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 430 | 3.81 | 5.4 | | | | | | | |
| MINIMUM | | | | | 386 | 0.50 | 3.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 11 | | | | | | | |

B.O.W./ SITE: OTTER CREEK
 SAMPLE POINT: AT BRUCE COUNTY ROAD 16 NORTH OF MILDWAY
 STATION TYPE: RIVER FLOW GAUGE MOE 02FC108

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STATION ID: 08-0123-010-02

STORET CODE: 02
 002
 1260

| STN NO | 10 | LAT | LONG | U.T.M. 17 0489800.0 4873375.0 4 | REGION 01 | MILEAGE | 54.60 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1200 | | | .3 | | 26006 | 6 | | 12000. | 320. | 140. | 0. | 0.0 | 13.0 | 2.0 |
| 16 02 76 1145 | | | .3 | | 26024 | 6 | | 20000. | 604. | 3900. | 12. | 0.0 | 12.0 | 1.3 |
| 08 03 76 1310 | | | .3 | | 26042 | 6 | | 12000. | 360. | 270. | 4. | 1.0 | 12.5 | 1.2 |
| 13 04 76 1150 | | | .3 | | 26060 | 6 | | 35000. | 280. | 190. | 4. | 5.5 | 11.5 | 0.7 |
| 17 05 76 1300 | | | .3 | | 26078 | 6 | | 31000. | 8000. | 2800. | 8. | 11.5 | 9.0 | 1.4 |
| 14 06 76 1435 | | | .3 | | 26096 | 6 | | 2470. | 200. | 44. | 8. | 20.0 | 9.0 | 0.4 |
| 12 07 76 1315 | | | .3 | | 26114 | 6 | | 1290. | 240. | 32. | 28. | 15.0 | 9.0 | 1.1 |
| 16 08 76 1210 | | | .3 | | 26132 | 6 | | | | | | 15.0 | 10.0 | 0.8 |
| 20 09 76 1325 | | | .3 | | 26150 | 6 | | | | | | 14.0 | 9.0 | 1.2 |
| 25 10 76 1300 | | | .3 | | 26168 | 6 | | 26000. | 2400. | 684. | 8. | 5.0 | 10.5 | 1.6 |
| 15 11 76 1310 | | | .3 | | 26186 | 6 | | 1800. | 540. | 90. | 4. | 3.0 | 11.5 | 0.5 |
| 13 12 76 1330 | | | .3 | | 26204 | 6 | | 8400. | 208. | 332. | 4. | 0.5 | 12.0 | 1.1 |
| MAXIMUM | | | | | | | | 35000. | 8000. | 3900. | 28. | 20.0 | 13.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 9105.* | 538.* | 272.* | 6.* | 7.5 | 10.8 | 1.1 |
| MINIMUM | | | | | | | | 1290. | 200. | 32. | 0. | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 1200 | | | .3 | | 0.051 | 0.011 | 0.130 | 0.610 | 0.013 | 2.230 | 345.0 | 8.0 | | |
| 16 02 76 1145 | | | .3 | | 0.117 | 0.055 | 0.310 | 0.415 | 0.019 | 2.500 | 336.0 | 35.0 | | |
| 08 03 76 1310 | | | .3 | | 0.055 | 0.021 | 0.045 | 0.435 | 0.013 | 2.020 | 284.0 | 15.5 | | |
| 13 04 76 1150 | | | .3 | | 0.018 | 0.013 | 0.035 | 0.300 | 0.013 | 1.830 | 320.0 | 15.0L | | |
| 17 05 76 1300 | | | .3 | | 0.104 | 0.028 | 0.075 | 0.730 | 0.029 | 0.910 | 342.0 | 49.5 | | |
| 14 06 76 1435 | | | .3 | | 0.047 | 0.027 | 0.015 | 0.365 | 0.077 | 1.410 | 322.0 | 15.5 | | |
| 12 07 76 1315 | | | .3 | | 0.027 | 0.004 | 0.010 | 0.490 | 0.017 | 0.200 | 376.0 | 22.0 | | |
| 16 08 76 1210 | | | .3 | | 0.024 | 0.018 | 0.040 | 0.340 | 0.031 | 1.030 | 346.0 | 15.0L | | |
| 20 09 76 1325 | | | .3 | | 0.107 | 0.065 | 0.100 | 0.665 | 0.057 | 0.960 | 414.0 | 14.0 | | |
| 25 10 76 1300 | | | .3 | | 0.045 | 0.025 | 0.075 | 0.545 | 0.017 | 1.250 | 372.0 | 15.0L | | |
| 15 11 76 1310 | | | .3 | | 0.027 | 0.019 | 0.065 | 0.325 | 0.017 | 1.580 | 330.0 | 15.0L | | |
| 13 12 76 1330 | | | .3 | | 0.046 | 0.014 | 0.095 | 0.505 | 0.011 | 2.060 | 418.0 | 20.5 | | |
| MAXIMUM | | | | | 0.117 | 0.065 | 0.310 | 0.730 | 0.077 | 2.500 | 418.0 | 49.5 | | |
| AVG OR GEOM MN (*) | | | | | 0.056 | 0.025 | 0.083 | 0.477 | 0.026 | 1.502 | 350.5 | 20.00 | | |
| MINIMUM | | | | | 0.018 | 0.004 | 0.010 | 0.300 | 0.011 | 0.200 | 284.0 | 8.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 1200 | | | .3 | | 570 | 3.00 | 9.0 | | | | | | | |
| 16 02 76 1145 | | | .3 | | 500 | 11.00 | 12.0 | | | | | | | |
| 08 03 76 1310 | | | .3 | | 505 | 4.00 | 9.5 | | | | | | | |
| 13 04 76 1150 | | | .3 | | 510 | 1.50 | 8.5 | | | | | | | |
| 17 05 76 1300 | | | .3 | | 450 | 13.00 | 6.5 | | | | | | | |
| 14 06 76 1435 | | | .3 | | 520 | 2.70 | 7.0 | | | | | | | |
| 12 07 76 1315 | | | .3 | | 520 | 6.80 | 7.5 | | | | | | | |
| 16 08 76 1210 | | | .3 | | 560 | 1.30 | 8.0 | | | | | | | |
| 20 09 76 1325 | | | .3 | | 560 | 6.40 | 120.0 | | | | | | | |
| 25 10 76 1300 | | | .3 | | 600 | 2.70 | 11.5 | | | | | | | |
| 15 11 76 1310 | | | .3 | | 630 | 1.80 | 11.0 | | | | | | | |
| 13 12 76 1330 | | | .3 | | 600 | 13.00 | 9.0 | | | | | | | |
| MAXIMUM | | | | | 630 | 13.00 | 120.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 544 | 5.60 | 18.3 | | | | | | | |
| MINIMUM | | | | | 450 | 1.30 | 6.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: SOUTH SAUGEEN RIVER
 SAMPLE POINT: NORMANBY TWP ROAD 17-18, SOUTH OF HANOVER SR-2
 STATION TYPE: RIVER FLOW GAUGE FED 02FC012

PLUARG

STATION ID: 08-0123-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | 12 | LAT | LONG | U.T.M. 17 0499160.0 4884395.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 63.20 |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|---------|-------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | | |
| 12 01 76 1415 | | | .3 | | 26010 | 6 | 128.00 | 12. | 4. | 16. | 0. | 0.0 | 13.0 | 0.7 | | |
| 16 02 76 1415 | | | .3 | | 26028 | 6 | 337.00 | 2600. | 116. | 1100. | 4. | 0.0 | 12.0 | 1.3 | | |
| 08 03 76 1450 | | | .3 | | 26046 | 6 | 1320.00 | 360. | 4. | 52. | 4. L | 1.0 | 12.0 | 1.4 | | |
| 13 04 76 1430 | | | .3 | | 26064 | 6 | 381.00 | 12. | 4. L | 4. L | 4. L | 5.5 | 11.0 | 0.5 | | |
| 17 05 76 1445 | | | .3 | | 26082 | 6 | 349.00 | 520. | 144. | 364. | 4. L | 13.0 | 9.5 | 0.8 | | |
| 14 06 76 1620 | | | .3 | | 26100 | 6 | 55.70 | 50. | 8. | 4. L | 4. L | 22.0 | 9.5 | 0.1 L | | |
| 12 07 76 1450 | | | .3 | | 26118 | 6 | 125.00 | 20. | 40. | 4. L | 4. L | 18.0 | 8.5 | 1.2 | | |
| 16 08 76 1440 | | | .3 | | 26136 | 6 | 87.10 | | | | | 19.5 | 9.0 | 0.6 | | |
| 20 09 76 1500 | | | .3 | | 26154 | 6 | 176.00 | | | | | 16.0 | 9.0 | 0.9 | | |
| 25 10 76 1435 | | | .3 | | 26172 | 6 | 563.00 | 1020. | 232. | 524. | 4. L | 3.0 | 10.5 | 0.5 | | |
| 15 11 76 1455 | | | .3 | | 26190 | 6 | 126.00 | 40. | 12. | 4. L | 4. L | 1.5 | 12.0 | 1.0 | | |
| 13 12 76 1500 | | | .3 | | 26208 | 6 | 135.00 | 132. | 8. | 16. | 4. L | 1.0 | 12.5 | 1.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1320.00 2600. 232. 1100. 4. 22.0 13.0 1.4
 315.23 114.* 19.* D 31.* D 3.* D 8.4 10.7 0.80
 55.70 12. 4. 4. 0.0 0.0 8.5 0.1

NO OF SAMPLES

12 10 10 10 10 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 01 76 1415 | | | .3 | | 0.012 | 0.003 | 0.030 | 0.375 | 0.005 | 1.200 | 538.0 | 15.0L | | |
| 16 02 76 1415 | | | .3 | | 0.069 | 0.009 | 0.105 | 0.625 | 0.010 | 1.190 | 462.0 | 61.5 | | |
| 08 03 76 1450 | | | .3 | | 0.093 | 0.011 | 0.025 | 0.650 | 0.011 | 1.140 | 340.0 | 107.5 | | |
| 13 04 76 1430 | | | .3 | | 0.017 | 0.005 | 0.020 | 0.395 | 0.005 | 0.820 | 392.0 | 15.0L | | |
| 17 05 76 1445 | | | .3 | | 0.031 | 0.006 | 0.025 | 0.635 | 0.013 | 0.360 | 412.0 | 22.5 | | |
| 14 06 76 1620 | | | .3 | | 0.015 | 0.003 | 0.025 | 0.415 | 0.004 | 0.130 | 722.0 | 15.0L | | |
| 12 07 76 1450 | | | .3 | | 0.024 | 0.003 | 0.005L | 0.385 | 0.006 | 0.100L | 260.0 | 20.5 | | |
| 16 08 76 1440 | | | .3 | | 0.006 | 0.003 | 0.035 | 0.410 | 0.005 | 0.200 | 548.0 | 15.0L | | |
| 20 09 76 1500 | | | .3 | | 0.024 | 0.004 | 0.035 | 0.535 | 0.004 | 0.270 | 488.0 | 15.0L | | |
| 25 10 76 1435 | | | .3 | | 0.037 | 0.004 | 0.015 | 0.605 | 0.005 | 0.360 | 438.0 | 50.0 | | |
| 15 11 76 1455 | | | .3 | | 0.009 | 0.002 | 0.005 | 0.425 | 0.003 | 0.410 | 464.0 | 15.0L | | |
| 13 12 76 1500 | | | .3 | | 0.005 | 0.002 | 0.010 | 0.455 | 0.003 | 1.040 | 536.0 | 15.0L | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.093 0.011 0.105 0.650 0.013 1.200 722.0 107.5
 0.029 0.005 0.0280 0.493 0.006 0.6020 466.7 30.60
 0.005 0.002 0.005 0.375 0.003 0.100 260.0 15.0

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 76 1415 | | | .3 | | 780 | 3.40 | 9.0 | | | | | | | |
| 16 02 76 1415 | | | .3 | | 620 | 25.00 | 8.0 | | | | | | | |
| 08 03 76 1450 | | | .3 | | 420 | 35.00 | 7.0 | | | | | | | |
| 13 04 76 1430 | | | .3 | | 560 | 2.90 | 8.0 | | | | | | | |
| 17 05 76 1445 | | | .3 | | 560 | 8.30 | 7.0 | | | | | | | |
| 14 06 76 1620 | | | .3 | | 900 | 3.30 | 8.0 | | | | | | | |
| 12 07 76 1450 | | | .3 | | 395 | 5.10 | 4.0 | | | | | | | |
| 16 08 76 1440 | | | .3 | | 740 | 4.50 | 9.0 | | | | | | | |
| 20 09 76 1500 | | | .3 | | 630 | 9.40 | 10.0 | | | | | | | |
| 25 10 76 1435 | | | .3 | | 620 | 19.00 | 10.0 | | | | | | | |
| 15 11 76 1455 | | | .3 | | 760 | 2.20 | 9.5 | | | | | | | |
| 13 12 76 1500 | | | .3 | | 740 | 2.80 | 9.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

900 35.00 10.0
 644 10.08 8.2
 395 2.20 4.0

NO OF SAMPLES

12 12 12

B.O.W. / SITE: SAUGEEN RIVER
 SAMPLE POINT: DURHAM CONSERVATION AREA
 STATION TYPE: RIVER

STATION ID: CB-0123-015-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | 15 | LAT | LONG | U.T.M. 17 0516050.0 4391650.0 4 | REGION 01 | MILEAGE | 81.50 | | | | | | | | | |
|---------|--------|-------|----------|---------------------------------|------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 FSEUD. MPA MF/100ML | 805 WATER TFMF. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 1030 | | | .3 | | 26003 | 6 | | 4. L | 4. L | 4. L | 0. L | 0.0 | 13.0 | 0.5 |
| 16 02 | 76 | 1015 | | | .3 | | 26021 | 6 | | 200. | 4. L | 84. L | 4. L | 1.0 | 12.5 | 0.9 |
| 08 03 | 76 | 1020 | | | .3 | | 26039 | 6 | | 28. | 4. L | 12. L | 4. L | 1.0 | 12.5 | 1.2 |
| 13 04 | 76 | 1025 | | | .3 | | 26057 | 6 | | 32. | 4. L | 4. L | 4. L | 4.5 | 11.5 | 0.6 |
| 17 05 | 76 | 1050 | | | .3 | | 26075 | 6 | | 220. | 88. | 124. L | 4. L | 10.5 | 9.5 | 0.5 |
| 14 06 | 76 | 1300 | | | .3 | | 26093 | 6 | | 30. | 4. L | 4. L | 4. L | 21.0 | 9.0 | 0.11 |
| 12 07 | 76 | 1110 | | | .3 | | 26111 | 6 | | 70. | 12. | 40. | 4. L | 18.0 | 8.5 | 1.1 |
| 16 08 | 76 | 1045 | | | .3 | | 26129 | 6 | | | | | | 14.0 | 9.0 | 0.5 |
| 20 09 | 76 | 1045 | | | .3 | | 26147 | 6 | | | | | | 15.0 | 9.0 | 0.7 |
| 25 10 | 76 | 1100 | | | .3 | | 26165 | 6 | | 200. | 28. | 32. | 4. L | 3.0 | 10.5 | 1.0 |
| 15 11 | 76 | 1030 | | | .3 | | 26183 | 6 | | 50. | 4. L | 12. | 4. L | 0.0 | 11.5 | 1.4 |
| 13 12 | 76 | 1050 | | | .3 | | 26201 | 6 | | 76. | 4. | 8. | 4. L | 1.0 | 11.5 | 1.6 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|---------|--------|---------|--------|------|------|------|
| | | | | | | | | | | 220. | 88. | 124. | 4. | 21.0 | 13.0 | 1.6 |
| | | | | | | | | | | 55. * D | 7. * D | 16. * D | 3. * D | 7.4 | 10.7 | 0.80 |
| | | | | | | | | | | 4. | 4. | 4. | 0. | 0.0 | 8.5 | 0.1 |

NO OF SAMPLES

10 10 10 10 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDRAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|---------------------------|
| 12 01 | 76 | 1030 | | | .3 | | 0.009 | 0.004 | 0.015 | 0.365 | 0.003 | 0.530 | 260.0 | 15.0L | | |
| 16 02 | 76 | 1015 | | | .3 | | 0.015 | 0.005 | 0.050 | 0.435 | 0.004 | 0.400 | 252.0 | 1.5 | | |
| 08 03 | 76 | 1020 | | | .3 | | 0.009 | 0.004 | 0.010 | 0.375 | 0.005 | 0.440 | 206.0 | 4.5 | | |
| 13 04 | 76 | 1025 | | | .3 | | 0.011 | 0.005 | 0.020 | 0.310 | 0.002 | 0.290 | 232.0 | 15.0L | | |
| 17 05 | 76 | 1050 | | | .3 | | 0.022 | 0.003 | 0.010 | 0.465 | 0.007 | 0.200 | 256.0 | 15.0L | | |
| 14 06 | 76 | 1300 | | | .3 | | 0.008 | 0.003 | 0.020 | 0.395 | 0.004 | 0.170 | 238.0 | 13.0 | | |
| 12 07 | 76 | 1110 | | | .3 | | 0.020 | 0.006 | 0.025 | 0.565 | 0.012 | 0.100L | 584.0 | 13.0 | | |
| 16 08 | 76 | 1045 | | | .3 | | 0.008 | 0.003 | 0.025 | 0.360 | 0.003 | 0.160 | 267.0 | 15.0L | | |
| 20 09 | 76 | 1045 | | | .3 | | 0.013 | 0.003 | 0.025 | 0.525 | 0.003 | 0.150 | 292.0 | 15.0L | | |
| 25 10 | 76 | 1100 | | | .3 | | 0.010 | 0.004 | 0.010 | 0.445 | 0.002 | 0.130 | 272.0 | 15.0L | | |
| 15 11 | 76 | 1030 | | | .3 | | 0.008 | 0.001 | 0.005 | 0.415 | 0.002 | 0.290 | 242.0 | 15.0L | | |
| 13 12 | 76 | 1050 | | | .3 | | 0.005 | 0.004 | 0.005 | 0.395 | 0.001 | 0.450 | 298.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|-------|--|--|
| | | | | | | | 0.022 | 0.006 | 0.050 | 0.565 | 0.012 | 0.530 | 584.0 | 15.0 | | |
| | | | | | | | 0.012 | 0.004 | 0.018 | 0.421 | 0.004 | 0.276D | 283.3 | 12.7D | | |
| | | | | | | | 0.005 | 0.001 | 0.005 | 0.310 | 0.001 | 0.100 | 206.0 | 1.5 | | |

NO OF SAMPLES

12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 | 76 | 1030 | | | .3 | | 455 | 0.65 | 5.5 | | | | | | | |
| 16 02 | 76 | 1015 | | | .3 | | 435 | 1.50 | 8.5 | | | | | | | |
| 08 03 | 76 | 1020 | | | .3 | | 355 | 1.60 | 6.0 | | | | | | | |
| 13 04 | 76 | 1025 | | | .3 | | 370 | 1.00 | 5.5 | | | | | | | |
| 17 05 | 76 | 1050 | | | .3 | | 400 | 2.10 | 4.5 | | | | | | | |
| 14 06 | 76 | 1300 | | | .3 | | 405 | 1.40 | 5.5 | | | | | | | |
| 12 07 | 76 | 1110 | | | .3 | | 660 | 3.40 | 7.5 | | | | | | | |
| 16 08 | 76 | 1045 | | | .3 | | 420 | 1.10 | 6.0 | | | | | | | |
| 20 09 | 76 | 1045 | | | .3 | | 406 | 2.10 | 6.5 | | | | | | | |
| 25 10 | 76 | 1100 | | | .3 | | 442 | 1.40 | 6.5 | | | | | | | |
| 15 11 | 76 | 1030 | | | .3 | | 485 | 2.10 | 7.0 | | | | | | | |
| 13 12 | 76 | 1050 | | | .3 | | 464 | 1.40 | 5.5 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-----|------|-----|--|--|--|--|--|--|--|
| | | | | | | | 660 | 3.40 | 8.5 | | | | | | | |
| | | | | | | | 441 | 1.65 | 6.2 | | | | | | | |
| | | | | | | | 355 | 0.65 | 4.5 | | | | | | | |

NO OF SAMPLES

12 12 12

B.O.W./ SITE: SOUTH SAUGEEN RIVER
SAMPLE POINT: AT WELLINGTON COUNTY ROAD 9
STATION TYPE: RIVER

STATION ID: 08-0123-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

| STN NO | | 16 | LAT | | LONG | | U.T.M. 17 0518675.0 4866600.0 4 | | | | REGION 01 | | MILEAGE | | 82.20 |
|---------------|----|-----|------|------|-------|--------|---------------------------------|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 | 01 | 76 | 1110 | | .3 | 26004 | 6 | | 24. | 4. L | 12. | 0. | 1.0 | 12.5 | 0.8 |
| 16 | 02 | 76 | 1050 | | .3 | 26022 | 6 | | 430. | 20. | 1200. | 4. L | 0.0 | 11.5 | 0.4 |
| 08 | 03 | 76 | 1110 | | .3 | 26040 | 6 | | 80. | 12. | 72. | 4. L | 1.0 | 12.0 | 0.4 |
| 13 | 04 | 76 | 1100 | | .3 | 26058 | 6 | | 20. | 12. | 4. L | 4. L | 5.0 | 10.5 | 0.9 |
| 17 | 05 | 76 | 1130 | | .3 | 26076 | 6 | | 130. | 80. | 16. | 4. L | 13.0 | 9.0 | 0.9 |
| 14 | 06 | 76 | 1340 | | .3 | 26094 | 6 | | 40. | 4. | 4. L | 4. L | 22.0 | 10.0 | 0.6 |
| 12 | 07 | 76 | 1145 | | .3 | 26112 | 6 | | 80. | 12. | 4. L | 4. L | 19.0 | 9.0 | 1.1 |
| 16 | 08 | 76 | 1115 | | .3 | 26130 | 6 | | | | | | 17.0 | 10.0 | 0.6 |
| 20 | 09 | 76 | 1120 | | .3 | 26148 | 6 | | | | | | 16.0 | 8.5 | 1.0 |
| 25 | 10 | 76 | 1130 | | .3 | 26166 | 6 | | 1630. | 220. | 560. | 4. L | 2.5 | 10.5 | 1.6 |
| 15 | 11 | 76 | 1115 | | .3 | 26184 | 6 | | 28. | 4. L | 4. L | 4. L | 1.0 | 12.0 | 0.6 |
| 13 | 12 | 76 | 1130 | | .3 | 26202 | 6 | | 448. | 4. | 4. L | 4. L | 0.0 | 12.0 | 1.2 |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|---------------------------|
| 12 01 76 1110 | | | .3 | | 0.029 | 0.021 | 0.035 | 0.520 | 0.007 | 1.020 | 306.0 | 15.0L | | |
| 16 02 76 1050 | | | .3 | | 0.029 | 0.013 | 0.065 | 0.645 | 0.007 | 0.700 | 296.0 | 5.0 | | |
| 08 03 76 1110 | | | .3 | | 0.033 | 0.018 | 0.035 | 0.535 | 0.009 | 0.780 | 214.0 | 11.5 | | |
| 13 04 76 1100 | | | .3 | | 0.025 | 0.015 | 0.035 | 0.435 | 0.003 | 0.370 | 254.0 | 15.0L | | |
| 17 05 76 1130 | | | .3 | | 0.035 | 0.011 | 0.010 | 0.565 | 0.012 | 0.250 | 290.0 | 13.5 | | |
| 14 06 76 1340 | | | .3 | | 0.042 | | | 0.655 | | | 258.0 | 13.0 | | |
| 12 07 76 1145 | | | .3 | | 0.032 | 0.012 | 0.005L | 0.460 | 0.040 | 0.300 | 420.0 | 18.0 | | |
| 16 08 76 1115 | | | .3 | | 0.043 | 0.021 | 0.040 | 0.560 | 0.024 | 0.430 | 280.0 | 15.0L | | |
| 20 09 76 1120 | | | .3 | | 0.050 | 0.017 | 0.035 | 0.790 | 0.005 | 0.360 | 336.0 | 15.0L | | |
| 25 10 76 1130 | | | .3 | | 0.031 | 0.007 | 0.010 | 0.655 | 0.011 | 0.250 | 322.0 | 15.0L | | |
| 15 11 76 1115 | | | .3 | | 0.009 | 0.006 | 0.005 | 0.430 | 0.003 | 0.370 | 276.0 | 15.0L | | |
| 13 12 76 1130 | | | .3 | | 0.020 | 0.013 | 0.095 | 0.665 | 0.005 | 0.720 | 346.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMMS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 76 1110 | | | .3 | | 520 | 0.85 | 8.5 | | | | | | | |
| 16 02 76 1050 | | | .3 | | 488 | 3.00 | 10.5 | | | | | | | |
| 08 03 76 1110 | | | .3 | | 362 | 4.20 | 6.5 | | | | | | | |
| 13 04 76 1100 | | | .3 | | 387 | 1.20 | 7.5 | | | | | | | |
| 17 05 76 1130 | | | .3 | | 437 | 2.60 | 6.5 | | | | | | | |
| 14 06 76 1340 | | | .3 | | 445 | 1.50 | 11.0 | | | | | | | |
| 12 07 76 1145 | | | .3 | | 540 | 4.70 | 7.0 | | | | | | | |
| 16 08 76 1115 | | | .3 | | 435 | 3.50 | 7.5 | | | | | | | |
| 20 09 76 1120 | | | .3 | | 453 | 3.30 | 11.5 | | | | | | | |
| 25 10 76 1130 | | | .3 | | 500 | 2.90 | 9.5 | | | | | | | |
| 15 11 76 1115 | | | .3 | | 540 | 1.60 | 9.0 | | | | | | | |
| 13 12 76 1130 | | | .3 | | 520 | 0.80 | 8.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

STATION ID: 08-0123-017-83

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT HIGHWAY 21 SOUTHAMPTON
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

| STN NO | 17 | LAT | LONG | U.T.M. 17 0470750.0 4927250.0 4 | | | | REGION 01 | | | | MILEAGE | 0.40 | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 28 04 76 0910 | | | .3 | | 20052 | 6 | 3210.00 | 380. | 36. | 76. | 4. L | 6.0 | 11.8 | 0.7 |
| 12 05 76 0935 | | | .3 | | 20073 | 6 | 2300.00 | 830. | 44. | 4. | 4. L | 10.2 | 10.2 | 1.3 |
| 02 06 76 0911 | | | .3 | | 20094 | 6 | 1250.00 | 80. | 8. | 8. | 4. L | 18.0 | 8.5 | 1.0 |
| 27 07 76 0937 | | | .3 | | 20115 | 6 | 665.00 | 210. | 72. | 76. | 4. L | 22.2 | 8.5 | 1.1 |
| 17 08 76 0945 | | | .3 | | 20136 | 6 | 806.00 | 250. | 92. | | 4. L | 20.0 | 10.9 | 0.5 |
| 28 09 76 1245 | | | .3 | | 20157 | 6 | 1050.00 | 210. | 24. | 16. | 4. L | 12.9 | | 0.8 |
| 13 10 76 1310 | | | .3 | | 20176 | 6 | 734.00 | 120. | 24. | 1620. | 4. L | 11.0 | 11.2 | 0.3 |
| 23 11 76 1210 | | | .3 | | 20195 | 6 | 1190.00 | 2300. | 184. | 124. | 4. L | 0.9 | 14.8 | 1.2 |
| 14 12 76 1310 | | | .3 | | 20212 | 6 | 1220.00 | 7800. | 164. | 56. | 4. | 1.0 | 16.0 | 0.3 |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

342

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 167 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 04 | 76 | 0910 | | | .3 | | 0.045 | 0.021 | 0.005 | 0.600 | 0.007 | 0.460 | 294.0 | 12.0 | 282 | |
| 12 | 05 | 76 | 0935 | | | .3 | | 0.029 | 0.013 | 0.010 | 0.500 | 0.008 | 0.340 | 324.0 | 9.0 | 315 | |
| 02 | 06 | 76 | 0911 | | | .3 | | 0.028 | 0.005 | 0.035 | 0.505 | 0.019 | 0.560 | 322.0 | 17.5 | 305 | |
| 27 | 07 | 76 | 0937 | | | .3 | | 0.025 | 0.006 | 0.035 | 0.435 | 0.008 | 0.190 | 346.0 | 6.5 | 340 | |
| 17 | 08 | 76 | 0945 | | | .3 | | 0.020 | 0.005 | 0.025 | 0.475 | 0.007 | 0.250 | 250.0 | 18.5 | 232 | |
| 28 | 09 | 76 | 1245 | | | .3 | | 0.055 | 0.029 | 0.010 | 0.615 | 0.005 | 0.220 | 352.0 | 9.0 | 343 | |
| 13 | 10 | 76 | 1310 | | | .3 | | 0.023 | 0.007 | 0.005 | 0.400 | 0.005 | 0.260 | 376.0 | 8.0 | 368 | |
| 23 | 11 | 76 | 1210 | | | .3 | | 0.019 | 0.004 | 0.010 | 0.455 | 0.005 | 0.640 | 374.0 | 5.0 | 369 | |
| 14 | 12 | 76 | 1310 | | | .3 | | 0.016 | 0.013 | 0.055 | 0.455 | 0.006 | 1.020 | 356.0 | 0.5L | 356 | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| | | | | | | | | MAXIMUM | 0.055 | 0.029 | 0.055 | 0.615 | 0.019 | 1.020 | 376.0 | 18.5 | 369 |
| | | | | | | | | AVG OR GEOM MN (-) | 0.029 | 0.011 | 0.021 | 0.493 | 0.008 | 0.438 | 332.7 | 9.60 | 323 |
| | | | | | | | | MINIMUM | 0.016 | 0.004 | 0.005 | 0.400 | 0.005 | 0.190 | 250.0 | 0.5 | 232 |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 04 | 76 | 0910 | | | .3 | | 460 | 3.60 | 6.5 | 29.5 | 1.45 | | | 8.40 | | 0.080 |
| 12 | 05 | 76 | 0935 | | | .3 | | 476 | 6.40 | 6.0 | 34.0 | 0.60 | | | 8.36 | | 0.310 |
| 02 | 06 | 76 | 0911 | | | .3 | | 520 | 5.00 | 7.5 | 61.5 | 0.70 | | | 8.56 | | 0.260 |
| 27 | 07 | 76 | 0937 | | | .3 | | 520 | 4.70 | 10.0 | 78.0 | 1.00 | | | 8.34 | | 0.340 |
| 17 | 08 | 76 | 0945 | | | .3 | | 450 | 4.60 | 8.5 | 88.0 | 2.25 | | | 8.34 | | 0.220 |
| 28 | 09 | 76 | 1245 | | | .3 | | 540 | 5.20 | 9.0 | 56.0 | 2.60 | | | 8.38 | | 0.160 |
| 13 | 10 | 76 | 1310 | | | .3 | | 570 | 4.40 | 10.0 | 7.7 | 1.25 | | | 8.38 | | 0.130 |
| 23 | 11 | 76 | 1210 | | | .3 | | 560 | 5.70 | 9.5 | 68.0 | 1.50 | | | 8.41 | | 0.220 |
| 14 | 12 | 76 | 1310 | | | .3 | | 580 | 3.30 | 8.5 | 64.0 | 3.00 | | | 7.99 | | 0.120 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|------|------|------|------|--|------|--|-------|
| | | | | | | | | MAXIMUM | 580 | 6.40 | 10.0 | 88.0 | 3.00 | | 8.56 | | 0.340 |
| | | | | | | | | AVG OR GEOM MN (-) | 520 | 4.77 | 8.4 | 54.1 | 1.59 | | 8.35 | | 0.202 |
| | | | | | | | | MINIMUM | 450 | 3.30 | 6.0 | 7.7 | 0.60 | | 7.99 | | 0.060 |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | | 9 | | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 28 | 04 | 76 | 0910 | | | .3 | | 1.0L | | | | | | | | | |
| 12 | 05 | 76 | 0935 | | | .3 | | 2.0 | | | | | | | | | |
| 02 | 06 | 76 | 0911 | | | .3 | | 1.0L | | | | | | | 12 | 10 | 2L |
| 27 | 07 | 76 | 0937 | | | .3 | | 1.0 | | | | 20 | | | | | |
| 17 | 08 | 76 | 0945 | | | .3 | | 1.0 | | | | | | | 10 | | |
| 28 | 09 | 76 | 1245 | | | .3 | | 1.0L | | | | | | | | | |
| 13 | 10 | 76 | 1310 | | | .3 | | 4.0 | | | | | | | | | |
| 23 | 11 | 76 | 1210 | | | .3 | | 1.0L | | | | | | | 6 | | |
| 14 | 12 | 76 | 1310 | | | .3 | | 1.0L | | | | | | | 5 | | 2L |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|------|--|--|----|--|--|----|----|----|
| | | | | | | | | MAXIMUM | 4.0 | | | 20 | | | 12 | 10 | 2 |
| | | | | | | | | AVG OR GEOM MN (-) | 1.40 | | | 20 | | | 8 | 10 | 20 |
| | | | | | | | | MINIMUM | 1.0 | | | 20 | | | 5 | 10 | 2 |
| | | | | | | | | NO OF SAMPLES | 9 | | | 1 | | | 4 | 1 | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 02 | 06 | 76 | 0911 | | | .3 | | 0.001L | 0.020 | | 0.010L | 0.010L | 0.010L | 0.010L | 0.040 | | 0.010L |
| 13 | 10 | 76 | 1310 | | | .3 | | 0.001L | | | 0.010L | 0.010L | 0.010L | 0.005L | 0.020 | | 0.010L |
| 14 | 12 | 76 | 1310 | | | .3 | | 0.001L | 0.040 | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--------|-------|--|--------|--------|--------|--------|-------|--------|
| | | | | | | | | MAXIMUM | 0.001 | 0.040 | | 0.010 | 0.010 | 0.010 | 0.010 | 0.040 | 0.010 |
| | | | | | | | | AVG OR GEOM MN (-) | 0.0010 | 0.030 | | 0.0100 | 0.0100 | 0.0100 | 0.0080 | 0.030 | 0.0100 |
| | | | | | | | | MINIMUM | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | 0.010 |
| | | | | | | | | NO OF SAMPLES | 3 | 2 | | 2 | 2 | 2 | 2 | | 2 |

B.O.W./ SITE: SOUTH SAUGEEN RIVER
 SAMPLE POINT: AT COUNTY ROAD 16 EAST OF NEUSTADT
 STATION TYPE: RIVER FLOW GAUGE MOE 02FC107

STATION ID: 08-0123-036-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
 002
 1260

| STN NO | | 36 | LAT | | LONG | | U.T.M. 17 0500900.0 4880500.0 4 | | | | REGION 01 | | MILEAGE | 67.40 | |
|---------------|--|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|---------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1145 | | | | .3 | | 26005 | 6 | | 32. | 4. | 8. | 0. | 1.0 | 12.0 | 0.7 |
| 16 02 76 1130 | | | | .3 | | 26023 | 6 | | 1300. | 32. | 2400. | 4. L | 0.0 | 12.0 | 0.5 |
| 08 03 76 1145 | | | | .3 | | 26041 | 6 | | 120. | 8. | 140. | 4. L | 1.0 | 12.0 | 1.2 |
| 13 04 76 1135 | | | | .3 | | 26059 | 6 | | 4. L | 4. L | 4. L | 4. L | 5.5 | 11.0 | 0.7 |
| 17 05 76 1245 | | | | .3 | | 26077 | 6 | | 320. | 416. | 1240. | 4. L | 13.0 | 9.0 | 0.9 |
| 14 06 76 1410 | | | | .3 | | 26095 | 6 | | 70. | 24. | 4. L | 4. L | 22.0 | 9.5 | 0.1L |
| 12 07 76 1245 | | | | .3 | | 26113 | 6 | | 32. | 12. | 4. L | 4. L | 19.0 | 9.0 | 1.3 |
| 16 08 76 1150 | | | | .3 | | 26131 | 6 | | | | | | 18.0 | 9.5 | 0.5 |
| 20 09 76 1300 | | | | .3 | | 26149 | 6 | | | | | | 17.0 | 9.0 | 9.0 |
| 25 10 76 1240 | | | | .3 | | 26167 | 6 | | 880. | 172. | 680. | 4. L | 3.0 | 10.5 | 1.7 |
| 15 11 76 1155 | | | | .3 | | 26185 | 6 | | 24. | 4. L | 4. L | 4. L | 1.5 | 12.0 | 1.7 |
| 13 12 76 1300 | | | | .3 | | 26203 | 6 | | 80. | 4. | 20. | 4. L | 0.0 | 12.0 | 0.9 |

MAXIMUM 1300. 416. 2400. 4. 22.0 12.0 9.0
 AVG OR GEOM MN (*) 87. * D 16. * D 40. * D 3. * D 8.4 10.6 1.60
 MINIMUM 4. 4. 4. 0. 0.0 9.0 0.1

NO OF SAMPLES 10 10 10 10 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 01 76 1145 | | | .3 | | 0.015 | 0.006 | 0.025 | 0.480 | 0.005 | 1.200 | 382.0 | 15.0L | | |
| 16 02 76 1130 | | | .3 | | 0.053 | 0.012 | 0.100 | 0.685 | 0.010 | 1.260 | 376.0 | 37.5 | | |
| 08 03 76 1145 | | | .3 | | 0.067 | 0.016 | 0.045 | 0.565 | 0.009 | 1.060 | 444.0 | 60.5 | | |
| 13 04 76 1135 | | | .3 | | 0.015 | 0.009 | 0.025 | 0.425 | 0.003 | 0.740 | 296.0 | 15.0L | | |
| 17 05 76 1245 | | | .3 | | 0.032 | 0.008 | 0.025 | 0.500 | 0.013 | 0.340 | 320.0 | 17.0 | | |
| 14 06 76 1410 | | | .3 | | 0.007 | 0.003 | 0.005 | 0.340 | 0.003 | 0.070 | 530.0 | 9.0 | | |
| 12 07 76 1245 | | | .3 | | 0.056 | 0.017 | 0.010 | 0.555 | 0.018 | 0.400 | 405.0 | 30.0 | | |
| 16 08 76 1150 | | | .3 | | 0.016 | 0.003 | 0.035 | 0.455 | 0.007 | 0.230 | 320.0 | 15.0L | | |
| 20 09 76 1300 | | | .3 | | 0.024 | 0.004 | 0.025 | 0.585 | 0.005 | 0.240 | 364.0 | 15.0L | | |
| 25 10 76 1240 | | | .3 | | 0.033 | 0.004 | 0.010 | 0.595 | 0.005 | 0.380 | 366.0 | 15.0L | | |
| 15 11 76 1155 | | | .3 | | 0.009 | 0.001 | 0.005L | 0.455 | 0.003 | 0.400 | 326.0 | 15.0L | | |
| 13 12 76 1300 | | | .3 | | 0.007 | 0.003 | 0.015 | 0.485 | 0.004 | 1.040 | 386.0 | 15.0L | | |

MAXIMUM 0.067 0.017 0.100 0.685 0.018 1.260 530.0 60.5
 AVG OR GEOM MN (*) 0.028 0.007 0.027D 0.510 0.007 0.613 376.3 21.60
 MINIMUM 0.007 0.001 0.005 0.340 0.003 0.070 296.0 9.0

NO OF SAMPLES 12 12 12 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 76 1145 | | | .3 | | 600 | 3.20 | 8.5 | | | | | | | |
| 16 02 76 1130 | | | .3 | | 540 | 20.00 | 8.0 | | | | | | | |
| 08 03 76 1145 | | | .3 | | 565 | 22.00 | 7.0 | | | | | | | |
| 13 04 76 1135 | | | .3 | | 462 | 1.60 | 7.5 | | | | | | | |
| 17 05 76 1245 | | | .3 | | 470 | 5.00 | 6.5 | | | | | | | |
| 14 06 76 1410 | | | .3 | | 720 | 1.40 | 8.0 | | | | | | | |
| 12 07 76 1245 | | | .3 | | 540 | 25.00 | 6.0 | | | | | | | |
| 16 08 76 1150 | | | .3 | | 480 | 5.30 | 9.0 | | | | | | | |
| 20 09 76 1300 | | | .3 | | 474 | 5.40 | 9.5 | | | | | | | |
| 25 10 76 1240 | | | .3 | | 540 | 9.10 | 10.0 | | | | | | | |
| 15 11 76 1155 | | | .3 | | 600 | 4.00 | 9.5 | | | | | | | |
| 13 12 76 1300 | | | .3 | | 580 | 1.60 | 8.5 | | | | | | | |

MAXIMUM 720 25.00 10.0
 AVG OR GEOM MN (*) 548 8.63 8.2
 MINIMUM 462 1.40 6.0

NO OF SAMPLES 12 12 12

B.O.W. / SITE: BLACKS CREEK
SAMPLE POINT: AT COUNTY ROAD 12
STATION TYPE: RIVER

STATION ID: 08-0123-037-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

| STN NO | 37 | LAT | LONG | U.T.M. 17 0520350.0 4903150.0 4 | REGION 01 | MILEAGE | 84.40 | | | | | | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|-----|
| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 12 | 01 | 76 | 1010 | | | .3 | | 26002 | 6 | | 8. | 4. | L | 4. | 0. | 1.0 | 0.8 | |
| 16 | 02 | 76 | 0935 | | | .3 | | 26020 | 6 | | 32. | 4. | L | 24. | 4. | 1.0 | 0.3 | |
| 08 | 03 | 76 | 0945 | | | .3 | | 26038 | 6 | | 28. | 8. | | 12. | 4. | 1.0 | 1.1 | |
| 13 | 04 | 76 | 1000 | | | .3 | | 26056 | 6 | | 20. | 4. | L | 12. | 4. | 10.0 | 1.0 | |
| 17 | 05 | 76 | 1020 | | | .3 | | 26074 | 6 | | 810. | 768. | | 8. | 4. | 9.0 | 0.5 | |
| 14 | 06 | 76 | 1230 | | | .3 | | 26092 | 6 | | 60. | 24. | L | 4. | 1.0 | 9.0 | 0.5 | |
| 12 | 07 | 76 | 1020 | | | .3 | | 26110 | 6 | | 60. | 12. | | 12. | 4. | 18.0 | 1.2 | |
| 16 | 08 | 76 | 1000 | | | .3 | | 26128 | 6 | | | | | | 16.0 | 8.0 | 0.7 | |
| 20 | 09 | 76 | 1010 | | | .3 | | 26146 | 6 | | | | | | 9.0 | 9.0 | 0.9 | |
| 25 | 10 | 76 | 1015 | | | .3 | | 26164 | 6 | | 90. | 4. | L | 8. | 4. | 10.0 | 1.0 | |
| 15 | 11 | 76 | 1000 | | | .3 | | 26182 | 6 | | 12. | 4. | L | 4. | 0.0 | 11.5 | 0.7 | |
| 13 | 12 | 76 | 1030 | | | .3 | | 26200 | 6 | | 36. | 4. | | 4. | 1.0 | 11.0 | 1.2 | |
| MAXIMUM | | | | | | | | | | | 810. | 768. | 24. | 4. | 19.0 | 12.5 | 1.2 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 42.* | 10.* | D | 8.* | D | 7.2 | 10.1 | 0.8 |
| MINIMUM | | | | | | | | | | | 8. | 4. | | 0. | 0.0 | 8.0 | 0.3 | |
| NO OF SAMPLES | | | | | | | | | | | 10 | 10 | 10 | 10 | 12 | 12 | 12 | |
| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 12 | 01 | 76 | 1010 | | | .3 | | 0.006 | 0.001 | 0.120 | 0.445 | 0.003 | 0.210 | | | | | |
| 16 | 02 | 76 | 0935 | | | .3 | | 0.019 | 0.007 | 0.130 | 0.400 | 0.004 | 0.330 | | | | | |
| 08 | 03 | 76 | 0945 | | | .3 | | 0.003 | 0.002 | 0.050 | 0.255 | 0.004 | 0.280 | | | | | |
| 13 | 04 | 76 | 1000 | | | .3 | | 0.009 | 0.005 | 0.060 | 0.275 | 0.006 | 0.220 | | | | | |
| 17 | 05 | 76 | 1020 | | | .3 | | 0.015 | 0.004 | 0.020 | 0.360 | 0.007 | 0.140 | | | | | |
| 14 | 06 | 76 | 1230 | | | .3 | | 0.011 | 0.003 | 0.035 | 0.615 | 0.002 | 0.030 | | | | | |
| 12 | 07 | 76 | 1020 | | | .3 | | 0.014 | 0.002 | 0.025 | 0.540 | 0.006 | 0.100L | | | | | |
| 16 | 08 | 76 | 1000 | | | .3 | | 0.009 | 0.003 | 0.030 | 0.485 | 0.001 | 0.010L | | | | | |
| 20 | 09 | 76 | 1010 | | | .3 | | 0.009 | 0.003 | 0.045 | 0.565 | 0.006 | 0.070 | | | | | |
| 25 | 10 | 76 | 1015 | | | .3 | | 0.007 | 0.001 | 0.055 | 0.430 | 0.004 | 0.010L | | | | | |
| 15 | 11 | 76 | 1000 | | | .3 | | 0.005 | 0.002 | 0.100 | 0.460 | 0.003 | 0.060 | | | | | |
| 13 | 12 | 76 | 1030 | | | .3 | | 0.008 | 0.004 | 0.095 | 0.445 | 0.003 | 0.290 | | | | | |
| MAXIMUM | | | | | | | | 0.019 | 0.007 | 0.130 | 0.615 | 0.007 | 0.330 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.010 | 0.003 | 0.064 | 0.440 | 0.004 | 0.146D | | | | | |
| MINIMUM | | | | | | | | 0.003 | 0.001 | 0.020 | 0.255 | 0.001 | 0.010 | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | | |
| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 12 | 01 | 76 | 1010 | | | .3 | | 395 | 0.55 | 5.5 | | | | | | | | |
| 16 | 02 | 76 | 0935 | | | .3 | | 405 | 0.45 | 5.0 | | | | | | | | |
| 08 | 03 | 76 | 0945 | | | .3 | | 379 | 0.60 | 5.5 | | | | | | | | |
| 13 | 04 | 76 | 1000 | | | .3 | | 348 | 0.55 | 4.5 | | | | | | | | |
| 17 | 05 | 76 | 1020 | | | .3 | | 360 | 0.85 | 4.5 | | | | | | | | |
| 14 | 06 | 76 | 1230 | | | .3 | | 370 | 1.00 | 5.5 | | | | | | | | |
| 12 | 07 | 76 | 1020 | | | .3 | | 405 | 1.40 | 5.5 | | | | | | | | |
| 16 | 08 | 76 | 1000 | | | .3 | | 357 | 0.60 | 5.0 | | | | | | | | |
| 20 | 09 | 76 | 1010 | | | .3 | | 345 | 0.80 | 5.0 | | | | | | | | |
| 25 | 10 | 76 | 1015 | | | .3 | | 384 | 1.10 | 4.5 | | | | | | | | |
| 15 | 11 | 76 | 1000 | | | .3 | | 401 | 1.30 | 5.5 | | | | | | | | |
| 13 | 12 | 76 | 1030 | | | .3 | | 421 | 0.40 | 6.5 | | | | | | | | |
| MAXIMUM | | | | | | | | 421 | 1.40 | 6.5 | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 381 | 0.80 | 5.2 | | | | | | | | |
| MINIMUM | | | | | | | | 345 | 0.40 | 4.5 | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | | |

B.O.W. / SITE: SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD 2.5 MILES EAST OF CARGILL
STATION TYPE: RIVER

STATION ID: 08-0123-038-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

| STN NO | | 38 | LAT | | LONG | | U.T.M. 17 0484400.0 4894500.0 4 | | | | REGION 01 | | MILEAGE | | 39.70 | | | | | |
|--------------------|--|--------|-------|-----|---------------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|------|--------|
| SAMP DY | | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | | |
| 09 03 | | 76 | 0845 | | | | .3 | | 26047 | 6 | | 1100. | 64. | 910. | 4. | L | 1.0 | 12.5 | 1.6 | |
| 14 04 | | 76 | 0855 | | | | .3 | | 26065 | 6 | | 1500. | 110. | 60. | 4. | | 6.0 | 11.0 | 0.8 | |
| 18 05 | | 76 | 0950 | | | | .3 | | 26083 | 6 | | 6100. | 740. | 508. | 4. | L | 11.0 | 9.5 | 1.0 | |
| 15 06 | | 76 | 0855 | | | | .3 | | 26101 | 6 | | 232. | 36. | 4. | L | 4. | L | 21.0 | 9.0 | 0.3 |
| 13 07 | | 76 | 0930 | | | | .3 | | 26119 | 6 | | 450. | 80. | 20. | 4. | | 18.0 | 8.5 | 1.2 | |
| 17 08 | | 76 | 0905 | | | | .3 | | 26137 | 6 | | | | | | | 17.5 | 9.0 | 0.7 | |
| 21 09 | | 76 | 0905 | | | | .3 | | 26155 | 6 | | | | | | | 15.0 | 8.5 | 1.0 | |
| 26 10 | | 76 | 0900 | | | | .3 | | 26173 | 6 | | 2120. | 280. | 236. | 4. | L | 3.5 | 10.0 | 1.4 | |
| 16 11 | | 76 | 0850 | | | | .3 | | 26191 | 6 | | 6000. | 180. | 170. | 4. | | 1.0 | 12.0 | 1.5 | |
| | | | | | | | | | | | | 6100. | 740. | 910. | 4. | | 21.0 | 12.5 | 1.6 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 1448.* | 134.* | 98.* | D | 4.* | D | 10.4 | 10.0 | 1.1 |
| MINIMUM | | | | | | | | | | | | 232. | 36. | 4. | 4. | | 1.0 | 8.5 | 0.3 | |
| NO OF SAMPLES | | | | | | | | | | | | 345 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | CONT'D |

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 | 03 | 76 | 0845 | | | .3 | | 0.066 | 0.011 | 0.030 | 0.590 | 0.009 | 0.960 | 304.0 | 56.5 | | |
| 14 | 04 | 76 | 0855 | | | .3 | | 0.025 | 0.006 | 0.050 | 0.665 | 0.013 | 0.830 | 328.0 | 15.0L | | |
| 18 | 05 | 76 | 0950 | | | .3 | | 0.051 | 0.009 | 0.045 | 0.675 | 0.021 | 0.570 | 366.0 | 39.0 | | |
| 15 | 06 | 76 | 0855 | | | .3 | | 0.032 | 0.015 | 0.065 | 0.475 | 0.059 | 0.500 | 450.0 | 15.0L | | |
| 13 | 07 | 76 | 0930 | | | .3 | | 0.025 | 0.005 | 0.010 | 0.540 | 0.045 | 1.000 | 304.0 | 16.5 | | |
| 17 | 08 | 76 | 0905 | | | .3 | | 0.040 | 0.019 | 0.075 | 0.600 | 0.035 | 0.380 | 426.0 | 15.0L | | |
| 21 | 09 | 76 | 0905 | | | .3 | | 0.048 | 0.015 | 0.065 | 0.575 | 0.013 | 0.360 | 380.0 | 15.0L | | |
| 26 | 10 | 76 | 0900 | | | .3 | | 0.041 | 0.008 | 0.035 | 0.595 | 0.011 | 0.440 | 402.0 | 15.0L | | |
| 16 | 11 | 76 | 0850 | | | .3 | | | 0.021 | 0.005 | 0.400 | 0.005 | 0.600 | 360.0 | 15.0L | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | | | | | | | | MAXIMUM | 0.066 | 0.021 | 0.075 | 0.675 | 0.059 | 1.000 | 450.0 | 56.5 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.041 | 0.012 | 0.042 | 0.568 | 0.023 | 0.627 | 368.9 | 22.4D | |
| | | | | | | | | MINIMUM | 0.025 | 0.005 | 0.005 | 0.400 | 0.005 | 0.360 | 304.0 | 15.0 | |
| | | | | | | | | NO OF SAMPLES | 8 | 9 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 | 03 | 76 | 0845 | | | .3 | | 434 | 20.00 | 6.5 | | | | | | | |
| 14 | 04 | 76 | 0855 | | | .3 | | 496 | 4.50 | 7.0 | | | | | | | |
| 18 | 05 | 76 | 0950 | | | .3 | | 520 | 11.00 | 7.0 | | | | | | | |
| 15 | 06 | 76 | 0855 | | | .3 | | 620 | 1.90 | 8.0 | | | | | | | |
| 13 | 07 | 76 | 0930 | | | .3 | | 435 | 2.20 | 5.0 | | | | | | | |
| 17 | 08 | 76 | 0905 | | | .3 | | 600 | 5.20 | 8.0 | | | | | | | |
| 21 | 09 | 76 | 0905 | | | .3 | | 560 | 7.20 | 9.0 | | | | | | | |
| 26 | 10 | 76 | 0900 | | | .3 | | 610 | 5.80 | 9.0 | | | | | | | |
| 16 | 11 | 76 | 0850 | | | .3 | | 660 | 1.80 | 9.5 | | | | | | | |
| | | | | | | | | MAXIMUM | 660 | 20.00 | 9.5 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 548 | 6.62 | 7.7 | | | | | | |
| | | | | | | | | MINIMUM | 434 | 1.80 | 5.0 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | | | | | | |

B.O.W. / SITE: TEESWATER RIVER
SAMPLE POINT: AT COUNTY ROAD 1
STATION TYPE: RIVER

STATION ID: 08-0123-039-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO 39 LAT LONG U.T.M. 17 0477600.0 4905100.0 4 REGION 01 MILEAGE 24.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 0945 | | | .3 | | 26013 | 6 | | 120. | 32. | 8. | 0. | 1.0 | 13.0 | 0.9 |
| 17 | 02 | 76 | 0945 | | | .3 | | 26031 | 6 | | 3200. | 108. | 2100. | 4. L | 1.0 | 12.0 | 0.7 |
| 09 | 03 | 76 | 0925 | | | .3 | | 26049 | 6 | | 210. | 28. | 250. | 4. L | 1.0 | 12.5 | 0.4 |
| 14 | 04 | 76 | 0940 | | | .3 | | 26067 | 6 | | 300. | 4. L | 20. | 4. L | 6.0 | 11.0 | 0.7 |
| 18 | 05 | 76 | 1040 | | | .3 | | 26085 | 6 | | 1400. | 400. | 780. | 4. L | 11.0 | 9.5 | 1.3 |
| 15 | 06 | 76 | 0935 | | | .3 | | 26103 | 6 | | 120. | 12. | 4. L | 4. L | 22.0 | 9.0 | 0.7 |
| 13 | 07 | 76 | 1010 | | | .3 | | 26121 | 6 | | 110. | 4. L | 4. L | 4. L | 18.0 | 8.5 | 1.4 |
| 17 | 08 | 76 | 1000 | | | .3 | | 26139 | 6 | | | | | | 18.0 | 7.5 | |
| 21 | 09 | 76 | 1000 | | | .3 | | 26157 | 6 | | | | | | 15.0 | 8.5 | 0.9 |
| 26 | 10 | 76 | 0945 | | | .3 | | 26175 | 6 | | 770. | 120. | 128. | 4. L | 3.0 | 10.5 | 1.2 |
| 16 | 11 | 76 | 0930 | | | .3 | | 26193 | 6 | | 540. | 110. | 12. | 4. L | 0.0 | 12.0 | 1.3 |
| 14 | 12 | 76 | 0935 | | | .3 | | 26211 | 6 | | 112. | 8. | 8. | 4. L | 1.0 | 12.0 | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--|-------|--------|--------|-------|------|------|-----|
| | | | | | | | | MAXIMUM | | | 3200. | 400. | 2100. | 4. | 22.0 | 13.0 | 1.4 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 340.* | 31.* D | 41.* D | 3.* D | 8.1 | 10.5 | 1.0 |
| | | | | | | | | MINIMUM | | | 110. | 4. | 4. | 0. | 0.0 | 7.5 | 0.4 |
| | | | | | | | | NO OF SAMPLES | | | 10 | 10 | 10 | 10 | 12 | 12 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 0945 | | | .3 | | 0.015 | 0.008 | 0.025 | 0.445 | 0.009 | 1.400 | 334.0 | 3.0 | | |
| 17 | 02 | 76 | 0945 | | | .3 | | 0.067 | 0.023 | 0.080 | 0.475 | 0.014 | 1.180 | 246.0 | 6.0 | | |
| 09 | 03 | 76 | 0925 | | | .3 | | 0.031 | 0.013 | 0.025 | 0.510 | 0.011 | 1.160 | 218.0 | 15.0L | | |
| 14 | 04 | 76 | 0940 | | | .3 | | 0.019 | 0.005 | 0.035 | 0.495 | 0.009 | 1.140 | 300.0 | 15.0L | | |
| 18 | 05 | 76 | 1040 | | | .3 | | 0.041 | 0.009 | 0.030 | 0.835 | 0.028 | 0.620 | 314.0 | 17.5 | | |
| 15 | 06 | 76 | 0935 | | | .3 | | 0.036 | 0.006 | 0.030 | 0.745 | 0.027 | 0.370 | 328.0 | 15.0L | | |
| 13 | 07 | 76 | 1010 | | | .3 | | 0.026 | 0.005 | 0.005L | 0.670 | 0.006 | 0.100 | 322.0 | 19.5 | | |
| 17 | 08 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 21 | 09 | 76 | 1000 | | | .3 | | 0.017 | 0.002 | 0.015 | 0.505 | 0.003 | 0.260 | 364.0 | 15.0L | | |
| 26 | 10 | 76 | 0945 | | | .3 | | 0.020 | 0.004 | 0.005 | 0.555 | 0.005 | 0.560 | 370.0 | 15.0L | | |
| 16 | 11 | 76 | 0930 | | | .3 | | 0.018 | 0.002 | 0.115 | 0.565 | 0.004 | 0.600 | 294.0 | 15.0L | | |
| 14 | 12 | 76 | 0935 | | | .3 | | 0.011 | 0.005 | 0.020 | 0.600 | 0.005 | 1.200 | 334.0 | 15.0L | | |
| | | | | | | | | MAXIMUM | 0.067 | 0.023 | 0.115 | 0.835 | 0.028 | 1.400 | 370.0 | 19.5 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.027 | 0.007 | 0.035D | 0.582 | 0.011 | 0.781 | 311.3 | 13.7D | |
| | | | | | | | | MINIMUM | 0.011 | 0.002 | 0.005 | 0.445 | 0.003 | 0.100 | 218.0 | 3.0 | |
| | | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 0945 | | | .3 | | 530 | 1.60 | 12.0 | | | 4.0 | 236 | 8.01 | 0.13 | |
| 17 | 02 | 76 | 0945 | | | .3 | | 410 | 5.30 | 8.5 | | | 10.0 | 184 | 7.73 | 0.54 | |
| 09 | 03 | 76 | 0925 | | | .3 | | 372 | 3.40 | 7.0 | | | 4.0 | 165 | 7.80 | 0.28 | |
| 14 | 04 | 76 | 0940 | | | .3 | | 456 | 2.60 | 11.0 | | | 0.0 | 212 | 8.50 | 0.17 | |
| 18 | 05 | 76 | 1040 | | | .3 | | 450 | 6.70 | 9.0 | | | 8.9 | 212 | 7.83 | | 0.330 |
| 15 | 06 | 76 | 0935 | | | .3 | | 500 | 6.60 | 14.0 | | | 1.8 | 222 | 8.13 | | 0.280 |
| 13 | 07 | 76 | 1010 | | | .3 | | 470 | 4.70 | 12.0 | | | 0.0 | 213 | 8.40 | | 0.260 |
| 21 | 09 | 76 | 1000 | | | .3 | | 510 | 4.10 | 18.5 | | | 2.0 | 199 | 8.20 | | 0.160 |
| 26 | 10 | 76 | 0945 | | | .3 | | 590 | 2.80 | 15.5 | | | 0.0 | 227 | 8.23 | | 0.200 |
| 16 | 11 | 76 | 0930 | | | .3 | | 580 | 2.60 | 16.0 | | | 0.0 | 230 | 8.43 | | 0.200 |
| 14 | 12 | 76 | 0935 | | | .3 | | 520 | 1.40 | 12.5 | | | 8.0 | 221 | 7.88 | | 0.120 |

| | | | | | | | | |
|--------------------|-----|------|------|------|-----|------|------|-------|
| MAXIMUM | 590 | 6.70 | 18.5 | 10.0 | 236 | 8.50 | 0.54 | 0.380 |
| AVG OR GEOM MN (") | 490 | 3.80 | 12.4 | 3.5 | 211 | 8.10 | 0.28 | 0.229 |
| MINIMUM | 372 | 1.40 | 7.0 | 0.0 | 165 | 7.73 | 0.13 | 0.120 |

| | | | | | | | | |
|---------------|----|----|----|----|----|----|---|---|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 7 |
|---------------|----|----|----|----|----|----|---|---|

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 13 | 01 | 76 | 0945 | | | .3 | | | 276.0 | | | 30 | | | | | |
| 17 | 02 | 76 | 0945 | | | .3 | | | 210.0 | | | 30 | | | | | |
| 09 | 03 | 76 | 0925 | | | .3 | | | 190.0 | | | 30 | | | | | |
| 14 | 04 | 76 | 0940 | | | .3 | | | 242.0 | | | 20 | | | | | |
| 18 | 05 | 76 | 1040 | | | .3 | | | 258.0 | | | 60 | | | | | |
| 15 | 06 | 76 | 0935 | | | .3 | | | 260.0 | | | 30 | | | | | |
| 13 | 07 | 76 | 1010 | | | .3 | | | 246.0 | | | 50 | | | | | |
| 21 | 09 | 76 | 1000 | | | .3 | | | 252.0 | | | 15 | | | | | |
| 26 | 10 | 76 | 0945 | | | .3 | | | 268.0 | | | 40 | | | | | |
| 16 | 11 | 76 | 0930 | | | .3 | | | 280.0 | | | 20 | | | | | |
| 14 | 12 | 76 | 0935 | | | .3 | | | 272.0 | | | 30 | | | | | |

| | | |
|--------------------|-------|----|
| MAXIMUM | 280.0 | 60 |
| AVG OR GEOM MN (") | 250.4 | 32 |
| MINIMUM | 190.0 | 15 |

| | | |
|---------------|----|----|
| NO OF SAMPLES | 11 | 11 |
|---------------|----|----|

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: ONE MILE NORTH OF BURGUYNE
STATION TYPE: RIVER

STATION ID: 08-0123-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO 41 LAT LONG U.T.M. 17 0474050.0 4922350.0 4 REGION 01 MILEAGE 7.40

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 02 | 76 | 1120 | | | .3 | | 26034 | 4 | | 3700. | 368. | 2600. | 24. | 1.0 | 11.5 | 1.0 |
| 09 | 03 | 76 | 1045 | | | .3 | | 26052 | 6 | | 680. | 112. | 140. | 4. | 1.0 | 12.5 | 0.5 |
| 14 | 04 | 76 | 1050 | | | .3 | | 26070 | 6 | | 3000. | 72. | 52. | 16. | 6.5 | 11.5 | 0.6 |
| 17 | 05 | 76 | 1150 | | | .3 | | 26088 | 6 | | 10000. | | 960. | 8. | 11.0 | 9.5 | 1.5 |
| 15 | 06 | 76 | 1050 | | | .3 | | 26106 | 6 | | 80. | 32. | 4. | 4. | 23.0 | 8.5 | 0.5 |
| 13 | 07 | 76 | 1120 | | | .3 | | 26124 | 6 | | 140. | 4. | 4. | 4. | 19.0 | 8.5 | 1.2 |
| 17 | 08 | 76 | 1145 | | | .3 | | 26142 | 6 | | | | | | 19.5 | 9.0 | 0.6 |
| 21 | 09 | 76 | 1115 | | | .3 | | 26160 | 6 | | | | | | 16.0 | 8.5 | 1.0 |
| 26 | 10 | 76 | 1105 | | | .3 | | 26178 | 6 | | 1150. | 128. | 136. | 4. | 3.0 | 10.5 | 1.2 |
| 16 | 11 | 76 | 1055 | | | .3 | | 26196 | 6 | | 510. | 4. | 70. | 4. | 0.0 | 12.5 | 0.8 |
| 14 | 12 | 76 | 1105 | | | .3 | | 26214 | 6 | | 9200. | 328. | 92. | 8. | 0.0 | 11.5 | 0.4 |

| | | | | | | | |
|--------------------|--------|--------|--------|-------|------|------|-----|
| MAXIMUM | 10000. | 368. | 2600. | 24. | 23.0 | 12.5 | 1.5 |
| AVG OR GEOM MN (") | 1184.* | 53.* D | 86.* D | 7.* D | 9.1 | 10.4 | 0.8 |
| MINIMUM | 80. | 4. | 4. | 4. | 0.0 | 8.5 | 0.4 |

| | | | | | | | |
|---------------|---|---|---|---|----|----|----|
| NO OF SAMPLES | 9 | 8 | 9 | 9 | 11 | 11 | 11 |
|---------------|---|---|---|---|----|----|----|

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 02 | 76 | 1120 | | | .3 | | 0.096 | 0.064 | 0.115 | 0.585 | 0.017 | 1.410 | | | | |
| 09 | 03 | 76 | 1045 | | | .3 | | 0.058 | 0.023 | 0.035 | 0.465 | 0.009 | 0.980 | | | | |
| 14 | 04 | 76 | 1050 | | | .3 | | 0.035 | 0.010 | 0.035 | 0.405 | 0.013 | 0.870 | | | | |
| 17 | 05 | 76 | 1150 | | | .3 | | 0.135 | 0.054 | 0.085 | 0.650 | 0.042 | 1.120 | | | | |
| 15 | 06 | 76 | 1050 | | | .3 | | 0.031 | 0.006 | 0.030 | 0.575 | 0.011 | 0.250 | | | | |
| 13 | 07 | 76 | 1120 | | | .3 | | 0.034 | 0.016 | 0.005 | 0.315 | 0.055 | 1.300 | | | | |
| 17 | 08 | 76 | 1145 | | | .3 | | 0.018 | 0.005 | 0.030 | 0.410 | 0.005 | 0.280 | 386.0 | 15.0L | | |
| 21 | 09 | 76 | 1115 | | | .3 | | 0.023 | 0.004 | 0.020 | 0.535 | 0.005 | 0.320 | | | | |
| 26 | 10 | 76 | 1105 | | | .3 | | 0.021 | 0.005 | 0.010 | 0.505 | 0.005 | 0.400 | | | | |
| 16 | 11 | 76 | 1055 | | | .3 | | 0.011 | 0.003 | 0.260 | 0.435 | 0.005 | 0.460 | | | | |
| 14 | 12 | 76 | 1105 | | | .3 | | 0.011 | 0.007 | 0.045 | 0.455 | 0.005 | 1.000 | | | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.135 | 0.064 | 0.260 | 0.650 | 0.055 | 1.410 | 386.0 | 15.0 |
| AVG OR GEOM MN (") | 0.043 | 0.018 | 0.061 | 0.485 | 0.016 | 0.763 | 386.0 | 15.00 |
| MINIMUM | 0.011 | 0.003 | 0.005 | 0.315 | 0.005 | 0.250 | 386.0 | 15.0 |

| | | | | | | | | |
|---------------|----|----|----|----|----|----|---|---|
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 1 | 1 |
|---------------|----|----|----|----|----|----|---|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 02 | 76 | 1120 | | | .3 | | 438 | 12.00 | 10.0 | | | | | | | |
| 09 | 03 | 76 | 1045 | | | .3 | | 404 | 15.00 | 6.5 | | | | | | | |
| 14 | 04 | 76 | 1050 | | | .3 | | 476 | 7.00 | 7.5 | | | | | | | |
| 17 | 05 | 76 | 1150 | | | .3 | | 440 | 41.00 | 7.0 | | | | | | | |
| 15 | 06 | 76 | 1050 | | | .3 | | 560 | 7.20 | 7.5 | | | | | | | |
| 13 | 07 | 76 | 1120 | | | .3 | | 560 | 1.70 | 8.5 | | | | | | | |
| 17 | 08 | 76 | 1145 | | | .3 | | 560 | 5.50 | 8.5 | | | | | | | |
| 21 | 09 | 76 | 1115 | | | .3 | | 590 | 6.80 | 9.0 | | | | | | | |
| 26 | 10 | 76 | 1105 | | | .3 | | 600 | 54.00 | 9.5 | | | | | | | |
| 16 | 11 | 76 | 1055 | | | .3 | | 610 | 2.90 | 11.0 | | | | | | | |
| 14 | 12 | 76 | 1105 | | | .3 | | 580 | 2.30 | 8.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 610 | 54.00 | 11.0 |
| AVG OR GEOM MN (*) | 529 | 14.13 | 8.5 |
| MINIMUM | 404 | 1.70 | 6.5 |
| NO OF SAMPLES | 11 | 11 | 11 |

B.O.W./ SITE: PEARL RIVER
SAMPLE POINT: AT CONCESSION ROAD 12 AND 13 BRANT TOWNSHIP
STATION TYPE: RIVER

STATION ID: 08-0123-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STORET CODE: 02
002
1260

STN NO 42 LAT LONG U.T.M. 17 0486350.0 4898900.0 4 REGION 01 MILEAGE 34.90

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 0930 | | | .3 | | 26012 | 4 | | 3800. | 224. | 172. | 0. | 1.0 | 11.5 | 1.0 |
| 17 | 02 | 76 | 0920 | | | .3 | | 26030 | 6 | | 5200. | 396. | 3100. | 8. | 1.0 | 11.0 | 2.5 |
| 09 | 03 | 76 | 0900 | | | .3 | | 26048 | 6 | | 320. | 40. | 220. | 4. | 1.0 | 10.5 | 1.4 |
| 14 | 04 | 76 | 0920 | | | .3 | | 26056 | 6 | | 410. | 4. L | 12. | 8. | 6.5 | 10.5 | 1.0 |
| 18 | 05 | 76 | 1015 | | | .3 | | 26084 | 6 | | 10000. | | 1480. | 12. | 6.5 | 9.0 | 1.8 |
| 15 | 06 | 76 | 0910 | | | .3 | | 26102 | 6 | | 210. | 60. | 4. L | 4. L | 24.0 | 9.0 | 0.4 |
| 13 | 07 | 76 | 0945 | | | .3 | | 26120 | 6 | | 270. | 60. | 4. L | 4. L | 17.0 | 8.5 | 1.3 |
| 17 | 08 | 76 | 0930 | | | .3 | | 26138 | 6 | | | | | | 18.0 | 7.5 | 0.4 |
| 21 | 09 | 76 | 0925 | | | .3 | | 26156 | 6 | | | | | | 14.0 | 8.0 | 1.6 |
| 26 | 10 | 76 | 0920 | | | .3 | | 26174 | 6 | | 12000. | 176. | 332. | 16. | 3.0 | 10.0 | 0.8 |
| 16 | 11 | 76 | 0910 | | | .3 | | 26192 | 6 | | 6000. | 260. | 380. | 16. | 1.0 | 11.0 | 1.3 |
| 14 | 12 | 76 | 0905 | | | .3 | | 26210 | 4 | | 900. | 88. | 32. | 4. L | 1.0 | 11.0 | 1.3 |

| | | | | | | | |
|--------------------|--------|--------|---------|-------|------|------|-----|
| MAXIMUM | 12000. | 396. | 3100. | 16. | 24.0 | 11.5 | 2.5 |
| AVG OR GEOM MN (*) | 1577.* | 84.* D | 103.* D | 6.* D | 7.8 | 9.8 | 1.2 |
| MINIMUM | 210. | 4. | 4. | 0. | 1.0 | 7.5 | 0.4 |
| NO OF SAMPLES | 10 | 9 | 10 | 10 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 0930 | | | .3 | | 0.037 | 0.022 | 0.055 | 0.505 | 0.009 | 1.220 | 366.0 | 15.0L | | |
| 17 | 02 | 76 | 0920 | | | .3 | | 0.088 | 0.057 | 0.130 | 0.725 | 0.023 | 2.800 | 222.0 | 10.5 | | |
| 09 | 03 | 76 | 0900 | | | .3 | | 0.054 | 0.025 | 0.060 | 0.550 | 0.011 | 1.150 | 248.0 | 15.0L | | |
| 14 | 04 | 76 | 0920 | | | .3 | | 0.031 | 0.006 | 0.025 | 0.375 | 0.012 | 0.860 | 322.0 | 17.0 | | |
| 18 | 05 | 76 | 1015 | | | .3 | | 0.124 | 0.061 | 0.100 | 1.300 | 0.077 | 2.580 | 360.0 | 31.5 | | |
| 15 | 06 | 76 | 0910 | | | .3 | | 0.039 | 0.008 | 0.010 | 0.515 | 0.035 | 0.350 | 336.0 | 19.5 | | |
| 13 | 07 | 76 | 0945 | | | .3 | | 0.012 | 0.003 | 0.050 | 0.465 | 0.004 | 0.100L | 242.0 | 9.0 | | |
| 17 | 08 | 76 | 0930 | | | .3 | | 0.050 | 0.015 | 0.030 | 0.685 | 0.020 | 0.250 | 384.0 | 38.0 | | |
| 21 | 09 | 76 | 0925 | | | .3 | | 0.105 | 0.031 | 0.045 | 0.925 | 0.022 | 0.510 | 392.0 | 28.5 | | |
| 26 | 10 | 76 | 0920 | | | .3 | | 0.041 | 0.017 | 0.020 | 0.535 | 0.007 | 0.870 | 404.0 | 15.0L | | |
| 16 | 11 | 76 | 0910 | | | .3 | | 0.041 | 0.013 | 0.005 | 0.540 | 0.007 | 1.190 | 390.0 | 15.5 | | |
| 14 | 12 | 76 | 0905 | | | .3 | | 0.028 | 0.013 | 0.050 | 0.465 | 0.005 | 1.280 | 400.0 | 9.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|-------|-------|
| MAXIMUM | 0.124 | 0.061 | 0.130 | 1.300 | 0.077 | 2.800 | 404.0 | 38.0 |
| AVG OR GEOM MN (*) | 0.054 | 0.023 | 0.048 | 0.632 | 0.019 | 1.097D | 338.8 | 18.6D |
| MINIMUM | 0.012 | 0.003 | 0.005 | 0.375 | 0.004 | 0.100 | 222.0 | 9.0 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 0930 | | | .3 | | 580 | 8.50 | 9.0 | | | | | | | |
| 17 | 02 | 76 | 0920 | | | .3 | | 339 | 18.00 | 5.5 | | | | | | | |
| 09 | 03 | 76 | 0900 | | | .3 | | 420 | 11.00 | 5.5 | | | | | | | |
| 14 | 04 | 76 | 0920 | | | .3 | | 486 | 12.00 | 6.0 | | | | | | | |
| 18 | 05 | 76 | 1015 | | | .3 | | 450 | 44.00 | 7.0 | | | | | | | |
| 15 | 06 | 76 | 0910 | | | .3 | | 500 | 18.00 | 4.5 | | | | | | | |
| 13 | 07 | 76 | 0945 | | | .3 | | 360 | 0.70 | 5.5 | | | | | | | |
| 17 | 08 | 76 | 0930 | | | .3 | | 540 | 25.00 | 9.0 | | | | | | | |
| 21 | 09 | 76 | 0925 | | | .3 | | 560 | 33.00 | 8.0 | | | | | | | |
| 26 | 10 | 76 | 0920 | | | .3 | | 660 | 11.00 | 9.5 | | | | | | | |
| 16 | 11 | 76 | 0910 | | | .3 | | 630 | 13.00 | 10.5 | | | | | | | |
| 14 | 12 | 76 | 0905 | | | .3 | | 590 | 8.90 | 7.5 | | | | | | | |

| | | | |
|--------------------|-----|-------|------|
| MAXIMUM | 660 | 44.00 | 10.5 |
| AVG OR GEOM MN (*) | 510 | 16.93 | 7.3 |
| MINIMUM | 339 | 0.70 | 4.5 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W./ SITE: SAUGEEN RIVER
SAMPLE POINT: AT CONCESSION ROAD 4 AND 5 SAUGEEN TOWNSHIP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUGEEN RIVER

STATION ID: 08-0123-043 02

STORET CODE: 02
002
1260

| STN NO | | 43 | LAT | | LONG | | U.T.M. 17 0474950.0 4912400.0 4 | | | | REGION 01 | | MILEAGE | | 17.00 | |
|---------------|----|----|------|-----|-------|----|---------------------------------|-----|----------|----------|-----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 | 01 | 76 | 1015 | | .3 | | 26014 | 6 | | 970. | 52. | 44. | 0. | 1.0 | 12.5 | 0.5 |
| 09 | 03 | 76 | 0950 | | .3 | | 26050 | 6 | | 1100. | 116. | 110. | 4. | 1.0 | 12.0 | 1.3 |
| 14 | 04 | 76 | 1000 | | .3 | | 26068 | 6 | | 1800. | 52. | 88. | 4. | 6.5 | 11.0 | 1.0 |
| 18 | 05 | 76 | 1100 | | .3 | | 26086 | 6 | | 2200. | | 1000. | 4. | 11.0 | 9.0 | 1.6 |
| 15 | 06 | 76 | 0955 | | .3 | | 26104 | 6 | | 96. | 12. | 4. | 4. | 22.0 | 8.5 | 0.1 |
| 13 | 07 | 76 | 1025 | | .3 | | 26122 | 6 | | 280. | 4. | 4. | 4. | 18.0 | 8.5 | 1.6 |
| 17 | 08 | 76 | 1045 | | .3 | | 26140 | 6 | | | | | | 19.0 | 9.0 | 0.5 |
| 21 | 09 | 76 | 1025 | | .3 | | 26158 | 6 | | | | | | 15.5 | 8.5 | 0.8 |
| 26 | 10 | 76 | 1010 | | .3 | | 26176 | 6 | | 1460. | 156. | 188. | 4. | 3.0 | 10.5 | 0.8 |
| 16 | 11 | 76 | 1000 | | .3 | | 26194 | 6 | | 530. | 40. | 40. | 4. | 1.0 | 12.0 | 1.7 |
| 14 | 12 | 76 | 1000 | | .3 | | 26212 | 6 | | 608. | 64. | 12. | 4. | 0.0 | 12.0 | 0.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2200.
722.*
96.

NO OF SAMPLES

9 8 9 9 11 11 11

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 13 01 76 1015 | | | .3 | | 0.015 | 0.011 | 0.050 | 0.435 | 0.009 | 1.180 | 374.0 | 15.0L | | |
| 09 03 76 0950 | | | .3 | | 0.065 | 0.013 | 0.035 | 0.625 | 0.010 | 1.040 | 268.0 | 37.5 | | |
| 14 04 76 1000 | | | .3 | | 0.031 | 0.009 | 0.035 | 0.485 | 0.015 | 0.820 | 346.0 | 16.0 | | |
| 18 05 76 1100 | | | .3 | | 0.095 | 0.023 | 0.085 | 0.815 | 0.033 | 0.870 | 369.0 | 47.5 | | |
| 15 06 76 0955 | | | .3 | | 0.021 | 0.005 | 0.025 | 0.415 | 0.013 | 0.320 | 366.0 | 15.0L | | |
| 13 07 76 1025 | | | .3 | | 0.158 | 0.144 | 0.005L | 0.475 | 0.127 | 1.300 | 332.0 | 9.5 | | |
| 17 08 76 1045 | | | .3 | | 0.010 | 0.003 | 0.030 | 0.370 | 0.007 | 0.270 | 392.0 | 15.0L | | |
| 21 09 76 1025 | | | .3 | | 0.037 | 0.005 | 0.025 | 0.525 | 0.007 | 0.280 | 414.0 | 15.0L | | |
| 26 10 76 1010 | | | .3 | | 0.024 | 0.004 | 0.010 | 0.465 | 0.006 | 0.460 | 394.0 | 15.0L | | |
| 16 11 76 1000 | | | .3 | | 0.010 | 0.005 | 0.005L | 0.395 | 0.005 | 0.520 | 350.0 | 15.0L | | |
| 14 12 76 1000 | | | .3 | | 0.010 | 0.006 | 0.035 | 0.435 | 0.005 | 1.020 | 388.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.158 0.144 0.085 0.815 0.127 1.300 414.0 47.5
0.043 0.021 0.0310 0.495 0.022 0.736 362.9 19.60
0.010 0.003 0.005 0.370 0.005 0.280 268.0 9.5

NO OF SAMPLES

11 11 11 11 11 11 11

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 13 01 76 1015 | | | .3 | | 590 | 2.10 | 9.0 | | | | | | | |
| 09 03 76 0950 | | | .3 | | 415 | 15.00 | 6.5 | | | | | | | |
| 14 04 76 1000 | | | .3 | | 477 | 7.70 | 7.5 | | | | | | | |
| 18 05 76 1100 | | | .3 | | 465 | 28.00 | 6.5 | | | | | | | |
| 15 06 76 0955 | | | .3 | | 540 | 7.30 | 8.0 | | | | | | | |
| 13 07 76 1025 | | | .3 | | 485 | 0.70 | 8.0 | | | | | | | |
| 17 08 76 1045 | | | .3 | | 560 | 5.70 | 8.5 | | | | | | | |
| 21 09 76 1025 | | | .3 | | 560 | 6.70 | 9.0 | | | | | | | |
| 26 10 76 1010 | | | .3 | | 600 | 5.80 | 10.0 | | | | | | | |
| 16 11 76 1000 | | | .3 | | 610 | 2.60 | 10.0 | | | | | | | |
| 14 12 76 1000 | | | .3 | | 580 | 2.40 | 8.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

610 28.00 10.0
535 7.64 8.3
415 0.70 6.5

NO OF SAMPLES

11 11 11

B.O.W./ SITE: SAUBLE RIVER
SAMPLE POINT: AT BRIDGE FIRST CONCESSION NORTH OF TARA
STATION TYPE: RIVER FLOW GAUGE MOE 02FA101

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUBLE RIVER

STATION ID: 08-0135-002-02

STORET CODE: 02
002
1410

| STN NO | | 2 | LAT | | LONG | | U.T.M. 17 0486795.0 4924925.0 4 | | | | REGION 01 | | MILEAGE | 27.90 | | |
|----------|----|------|----------|---------|------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE | | HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 04 | 02 | 76 | 1040 | | .3 | | 20013 | 4 | | 240. | 52. | 2400. | 0. | 0.2 | 7.8 | 0.6 |
| 04 | 03 | 76 | 0835 | | .3 | | 20031 | 6 | | 150. | 40. | 330. | 0. | 0.9 | 12.2 | 1.1 |
| 28 | 04 | 76 | 0320 | | .3 | | 20050 | 6 | | 1390. | 150. | 4. | 4. | 6.5 | 11.6 | 0.6 |
| 12 | 05 | 76 | 0925 | | .3 | | 20071 | 6 | | 570. | 160. | 56. | 4. | 11.0 | 6.6 | 1.2 |
| 02 | 06 | 76 | 0825 | | .3 | | 20092 | 6 | | 100. | 12. | 4. | 4. | 18.0 | 5.5 | 1.1 |
| 27 | 07 | 76 | 0854 | | .3 | | 20114 | 6 | | 860. | 120. | 192. | 4. | 22.2 | 8.7 | 1.6 |
| 17 | 08 | 76 | 0900 | | .3 | | 20135 | 6 | | 1000. | 132. | 364. | 4. | 19.8 | 13.8 | 0.6 |
| 28 | 09 | 76 | 0950 | | .3 | | 20152 | 6 | | 490. | 88. | 64. | 4. | 11.0 | | 0.8 |
| 13 | 10 | 76 | 0925 | | .3 | | 20171 | 6 | | 288. | 52. | 604. | 4. | 11.3 | 12.8 | 1.1 |
| 22 | 11 | 76 | 1640 | | .3 | | 20190 | 6 | | 780. | 96. | 148. | 4. | 0.5 | 13.6 | 1.6 |
| 14 | 12 | 76 | 1055 | | .3 | | 20209 | 4 | | 900. | 76. | 100 | 4. | 0.1 | 13.6 | 1.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1390. 160. 2400. 4. 22.2 13.8 1.6
469.* 73.* 110.* D 3.* D 9.2 10.8 1.0
100. 12. 4. 0. 0.1 5.5 0.6

NO OF SAMPLES

349 11 11 11 11 11 11 10 CONTD 11

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 | 02 | 76 | 1040 | | | .3 | 0.037 | 0.028 | 0.040 | 0.555 | 0.015 | 0.840 | 362.0 | 15.0L | | |
| 04 | 03 | 76 | 0835 | | | .3 | 0.051 | 0.025 | 0.035 | 0.495 | 0.011 | 1.240 | 258.0 | 15.0L | | |
| 28 | 04 | 76 | 0820 | | | .3 | 0.031 | 0.013 | 0.015 | 0.630 | 0.008 | 0.730 | 334.0 | 15.0L | | |
| 12 | 05 | 76 | 0825 | | | .3 | 0.035 | 0.024 | 0.025 | 0.565 | 0.011 | 0.340 | 316.0 | 15.0L | | |
| 02 | 06 | 76 | 0825 | | | .3 | 0.043 | 0.014 | 0.010 | 0.595 | 0.018 | 0.290 | 254.0 | 11.0 | | |
| 27 | 07 | 76 | 0854 | | | .3 | 0.058 | 0.032 | 0.060 | 0.515 | 0.016 | 0.070 | 278.0 | 5.5 | | |
| 17 | 08 | 76 | 0900 | | | .3 | 0.052 | 0.042 | 0.055 | 0.435 | 0.009 | 0.080 | 288.0 | 15.0L | | |
| 28 | 09 | 76 | 0950 | | | .3 | 0.033 | 0.017 | 0.020 | 0.400 | 0.011 | 0.570 | 400.0 | 4.0 | | |
| 13 | 10 | 76 | 0925 | | | .3 | 0.051 | 0.027 | 0.010 | 0.495 | 0.006 | 0.230 | 344.0 | 3.0 | | |
| 22 | 11 | 76 | 1640 | | | .3 | 0.027 | 0.004 | 0.010 | 0.725 | 0.010 | 1.210 | 344.0 | 1.0 | | |
| 14 | 12 | 76 | 1055 | | | .3 | 0.023 | 0.013 | 0.030 | 0.470 | 0.008 | 1.260 | 364.0 | 16.0 | | |
| MAXIMUM | | | | | | | 0.058 | 0.042 | 0.060 | 0.725 | 0.018 | 1.260 | 400.0 | 16.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.040 | 0.022 | 0.028 | 0.535 | 0.011 | 0.624 | 322.0 | 10.50 | | |
| MINIMUM | | | | | | | 0.023 | 0.004 | 0.010 | 0.400 | 0.006 | 0.070 | 254.0 | 1.0 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 04 | 02 | 76 | 1040 | | | .3 | 560 | 1.60 | 7.0 | | | | | | | |
| 04 | 03 | 76 | 0835 | | | .3 | 443 | 2.60 | 6.0 | | | | | | | |
| 28 | 04 | 76 | 0820 | | | .3 | 500 | 1.50 | 6.0 | | | | | | | |
| 12 | 05 | 76 | 0825 | | | .3 | 360 | 2.10 | 5.5 | | | | | | | |
| 02 | 06 | 76 | 0825 | | | .3 | 490 | 1.10 | 6.5 | | | | | | | |
| 27 | 07 | 76 | 0854 | | | .3 | 450 | 1.40 | 8.5 | | | | | | | |
| 17 | 08 | 76 | 0900 | | | .3 | 520 | 1.00 | 2.5 | | | | | | | |
| 28 | 09 | 76 | 0950 | | | .3 | 560 | 1.60 | 13.5 | | | | | | | |
| 13 | 10 | 76 | 0925 | | | .3 | 540 | 1.80 | 11.0 | | | | | | | |
| 22 | 11 | 76 | 1640 | | | .3 | 540 | 3.80 | 9.0 | | | | | | | |
| 14 | 12 | 76 | 1055 | | | .3 | 580 | 9.00 | 7.5 | | | | | | | |
| MAXIMUM | | | | | | | 580 | 9.00 | 13.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 504 | 2.50 | 7.5 | | | | | | | |
| MINIMUM | | | | | | | 360 | 1.00 | 2.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: SAUBLE RIVER
SAMPLE POINT: AT SAUBLE FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02FA001

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUBLE RIVER

STATION ID: 08-0135-003-02

STORET CODE: 02
002
1410

| STN NO | 3 | LAT | LONG | U.T.M. | 17 | 0479745.0 | 4946850.0 | 4 | REGION 01 | MILEAGE | 2.00 | | | | | |
|--------------------|-----|-----|------|--------|------|-----------|-----------|-----|-----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BCD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 04 | 02 | 76 | 1145 | | | .3 | 20014 | 6 | 391.00 | 110. | 4. | 8. | 0. | 2.0 | 13.7 | 0.8 |
| 03 | 03 | 76 | 1720 | | | .3 | 20032 | 6 | 1470.00 | 100. | 24. | 112. | 0. | 5.0 | 11.0 | 0.9 |
| 27 | 04 | 76 | 1630 | | | .3 | 20051 | 6 | 425.00 | 90. | 4. | 4. | 4. | 6.8 | 14.2 | 0.5 |
| 11 | 05 | 76 | 1625 | | | .3 | 20072 | 6 | 352.00 | 40. | 12. | 8. | 4. | 13.0 | 9.9 | 0.8 |
| 01 | 06 | 76 | 1644 | | | .3 | 20093 | 6 | 240.00 | 620. | 184. | 20. | 4. | 18.8 | 8.1 | 0.9 |
| 26 | 07 | 76 | 1628 | | | .3 | 20110 | 6 | 73.10 | 12. | 4. | 4. | 4. | 22.0 | 10.2 | 1.7 |
| 16 | 08 | 76 | 1642 | | | .3 | 20131 | 6 | 59.70 | 56. | 8. | 92. | 4. | 19.9 | 13.3 | 0.3 |
| 28 | 09 | 76 | 1220 | | | .3 | 20156 | 6 | 58.10 | 40. | 4. | 8. | 4. | 13.0 | | 0.6 |
| 13 | 10 | 76 | 1225 | | | .3 | 20175 | 6 | 57.10 | 32. | 8. | 356. | 4. | 10.9 | 7.5 | 0.5 |
| 23 | 11 | 76 | 1120 | | | .3 | 20194 | 6 | 289.00 | 850. | 8. | 188. | 4. | 1.5 | 16.2 | 1.2 |
| 14 | 12 | 76 | 1215 | | | .3 | 20211 | 6 | 416.00 | 200. | 4. | 20. | 4. | 3.1 | 13.6 | 1.2 |
| MAXIMUM | | | | | | | | | 1470.00 | 850. | 184. | 356. | 4. | 22.0 | 16.2 | 1.7 |
| AVG OR GEOM MN (*) | | | | | | | | | 348.27 | 91.* | 9.* | 25.* | 3.* | 10.5 | 11.8 | 0.9 |
| MINIMUM | | | | | | | | | 57.10 | 12. | 4. | 4. | 0. | 1.5 | 7.5 | 0.3 |
| NO OF SAMPLES | | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 | 02 | 76 | 1145 | | | .3 | 0.021 | 0.013 | 0.025 | 0.545 | 0.011 | 0.420 | 318.0 | 15.0L | | |
| 03 | 03 | 76 | 1720 | | | .3 | 0.028 | 0.011 | 0.050 | 0.555 | 0.007 | 0.590 | 242.0 | 15.0L | | |
| 27 | 04 | 76 | 1630 | | | .3 | 0.016 | 0.004 | 0.015 | 0.490 | 0.003 | 0.050 | 236.0 | 6.5 | 229 | |
| 11 | 05 | 76 | 1625 | | | .3 | 0.019 | 0.006 | 0.015 | 0.530 | 0.005 | 0.120 | 235.0 | 2.0 | 234 | |
| 01 | 06 | 76 | 1644 | | | .3 | 0.019 | 0.004 | 0.025 | 0.525 | 0.003 | 0.020 | 206.0 | 10.0 | 196 | |
| 26 | 07 | 76 | 1628 | | | .3 | 0.019 | 0.004 | 0.060 | 0.560 | 0.004 | 0.010L | 240.0 | 4.0 | 246 | |
| 16 | 08 | 76 | 1642 | | | .3 | 0.005 | 0.003 | 0.025 | 0.465 | 0.003 | 0.040 | 258.0 | 17.5 | 241 | |
| 28 | 09 | 76 | 1220 | | | .3 | 0.022 | 0.010 | 0.015 | 0.445 | 0.003 | 0.070 | 272.0 | 2.0 | 270 | |
| 13 | 10 | 76 | 1225 | | | .3 | 0.020 | 0.006 | 0.015 | 0.435 | 0.003 | 0.050 | 290.0 | 3.0 | 287 | |
| 23 | 11 | 76 | 1120 | | | .3 | 0.012 | 0.002 | 0.010 | 0.495 | 0.005 | 0.400 | 288.0 | 1.5 | 287 | |
| 14 | 12 | 76 | 1215 | | | .3 | 0.008 | 0.008 | 0.035 | 0.525 | 0.005 | 0.560 | 260.0 | 0.5L | 260 | |
| MAXIMUM | | | | | | | 0.028 | 0.013 | 0.060 | 0.560 | 0.011 | 0.590 | 318.0 | 17.5 | 287 | |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.006 | 0.026 | 0.506 | 0.005 | 0.2130 | 258.7 | 7.00 | 250 | |
| MINIMUM | | | | | | | 0.005 | 0.002 | 0.010 | 0.435 | 0.003 | 0.010 | 206.0 | 0.5 | 196 | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 9 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1145 | | | .3 | | 490 | 1.00 | 6.0 | | | | | | | |
| 03 | 03 | 76 | 1720 | | | .3 | | 415 | 2.10 | 6.0 | | | | | | | 0.030 |
| 27 | 04 | 76 | 1630 | | | .3 | | 340 | 1.90 | 3.5 | 9.0 | 0.40 | | | 8.02 | | 0.170 |
| 11 | 05 | 76 | 1625 | | | .3 | | 378 | 2.20 | 4.0 | 9.5 | 0.55 | | | 8.27 | | 0.180 |
| 01 | 06 | 76 | 1644 | | | .3 | | 390 | 1.10 | 5.0 | 9.0 | 0.75 | | | 8.29 | | 0.230 |
| 26 | 07 | 76 | 1628 | | | .3 | | 395 | 1.30 | 7.0 | 16.0 | 1.85 | | | 8.27 | | 0.130 |
| 16 | 08 | 76 | 1642 | | | .3 | | 455 | 1.10 | 6.5 | 10.0 | 1.55 | | | 8.18 | | 0.100 |
| 28 | 09 | 76 | 1220 | | | .3 | | 454 | 1.60 | 8.0 | 15.0 | 1.95 | | | 8.19 | | 0.150 |
| 13 | 10 | 76 | 1225 | | | .3 | | 465 | 1.70 | 9.0 | 21.0 | 2.15 | | | 8.12 | | 0.200 |
| 23 | 11 | 76 | 1120 | | | .3 | | 461 | 2.00 | 7.5 | 24.0 | 2.05 | | | 8.20 | | 0.120 |
| 14 | 12 | 76 | 1215 | | | .3 | | 467 | 2.30 | 7.0 | 20.0 | 2.60 | | | 7.87 | | |

| | | | | | | | |
|--------------------|-----|------|-----|------|------|------|-------|
| MAXIMUM | 490 | 2.30 | 9.0 | 24.0 | 2.60 | 8.29 | 0.230 |
| AVG OR GEOM MN (*) | 428 | 1.66 | 6.3 | 14.8 | 1.54 | 8.16 | 0.136 |
| MINIMUM | 340 | 1.00 | 3.5 | 9.0 | 0.40 | 7.87 | 0.030 |

| | | | | | | | |
|---------------|----|----|----|---|---|---|---|
| NO OF SAMPLES | 11 | 11 | 11 | 9 | 9 | 9 | 9 |
|---------------|----|----|----|---|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 04 | 02 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 03 | 03 | 76 | 1720 | | | .3 | | | | | | | | | | | |
| 27 | 04 | 76 | 1630 | | | .3 | | 1.0L | | | | | | | | | |
| 11 | 05 | 76 | 1625 | | | .3 | | 5.0 | | | | | | | | | |
| 01 | 06 | 76 | 1644 | | | .3 | | 1.0 | | | | | | | 9 | 13 | 2L |
| 26 | 07 | 76 | 1628 | | | .3 | | 3.0 | | | | 30 | | | | | |
| 16 | 08 | 76 | 1642 | | | .3 | | 1.0 | | | | | | | 10 | | |
| 28 | 09 | 76 | 1220 | | | .3 | | 2.0 | | | | | | | | | |
| 13 | 10 | 76 | 1225 | | | .3 | | 3.0 | | | | | | | 7 | | |
| 23 | 11 | 76 | 1120 | | | .3 | | 2.0 | | | | | | | 6 | | 2L |
| 14 | 12 | 76 | 1215 | | | .3 | | 1.0L | | | | | | | | | |

| | | | | | | |
|--------------------|------|--|----|----|----|----|
| MAXIMUM | 5.0 | | 30 | 10 | 13 | 2 |
| AVG OR GEOM MN (*) | 2.10 | | 30 | 8 | 13 | 20 |
| MINIMUM | 1.0 | | 30 | 6 | 13 | 2 |

| | | | | | | |
|---------------|---|--|---|---|---|---|
| NO OF SAMPLES | 9 | | 1 | 4 | 1 | 2 |
|---------------|---|--|---|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 01 | 06 | 76 | 1644 | | | .3 | | 0.001L | 0.020L | | 0.020 | 0.010L | 0.010L | 0.010L | 0.020 | | 0.010L |
| 13 | 10 | 76 | 1225 | | | .3 | | 0.001L | | | 0.010L | 0.010L | 0.010L | 0.005L | 0.040 | | 0.010L |
| 14 | 12 | 76 | 1215 | | | .3 | | 0.001 | 0.050 | | 0.010L | 0.010L | 0.010L | 0.005L | 0.040 | | 0.010L |

| | | | | | | | | |
|--------------------|--------|--------|--------|--------|--------|--------|-------|--------|
| MAXIMUM | 0.001 | 0.050 | 0.020 | 0.010 | 0.010 | 0.010 | 0.040 | 0.010 |
| AVG OR GEOM MN (*) | 0.001D | 0.035D | 0.015D | 0.010D | 0.010D | 0.008D | 0.030 | 0.010D |
| MINIMUM | 0.001 | 0.020 | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | 0.010 |

| | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|
| NO OF SAMPLES | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
|---------------|---|---|---|---|---|---|---|---|

B.O.W./ SITE: ALBEMARBLE BROOK
SAMPLE POINT: AT HIGHWAY NO 6 NEAR MAR MOE SW A3
STATION TYPE: RIVER FLOW GAUGE MOE 02FA102

STATION ID: 08-0135-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SAUBLE RIVER

STORET CODE: 02
002
1410

| STN NO | 4 | LAT | LONG | U.T.M. | 17 | 0482700.0 | 4964350.0 | 4 | REGION 01 | MILEAGE | 15.60 | | | | | | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 03 | 03 | 76 | 1450 | | | .3 | | 20027 | 6 | | 20. | 4. L | 4. L | 0. | 2.5 | 11.1 | 0.4 | |
| 27 | 04 | 76 | 1415 | | | .3 | | 20045 | 6 | | 44. | 12. | 4. L | 4. L | 7.0 | 15.1 | 0.7 | |
| 11 | 05 | 76 | 1410 | | | .3 | | 20066 | 6 | 30.2 | 110. | 8. | 4. L | 4. L | 13.1 | 9.2 | 0.4 | |
| 01 | 06 | 76 | 1407 | | | .3 | | 20087 | 6 | | 90. | 20. | 12. | 4. L | 19.3 | 8.8 | 1.1 | |
| 26 | 07 | 76 | 1551 | | | .3 | | 20107 | 6 | | 340. | 72. | 108. | 4. L | 21.8 | 8.9 | 1.6 | |
| 16 | 08 | 76 | 1345 | | | .3 | | 20128 | 6 | | 470. | 96. | 812. | 4. L | 19.2 | 13.1 | 0.7 | |
| 28 | 09 | 76 | 1030 | | | .3 | | 20153 | 6 | | 1040. | 560. | 92. | 4. L | 10.5 | | 1.1 | |
| 13 | 10 | 76 | 1015 | | | .3 | | 20172 | 6 | 1.9 | 240. | 68. | 216. | 4. L | 11.0 | 9.0 | 0.2 | |
| 23 | 11 | 76 | 1025 | | | .3 | | 20191 | 6 | | 270. | 4. L | 12. | 4. L | 1.0 | 12.6 | 1.5 | |
| 14 | 12 | 76 | 1145 | | | .3 | | 20210 | 6 | | 104. | 4. | 4. | 4. L | 3.1 | 13.6 | 0.5 | |
| | | | | | | | | | | | 30.2 | 1040. | 560. | 812. | 4. | 21.8 | 15.1 | 1.6 |
| AVG OR GEOM MN (") | | | | | | | | | | | 16.1 | 158. | 22.* D | 24.* D | 3.* D | 10.9 | 11.3 | 0.8 |
| MINIMUM | | | | | | | | | | | 1.9 | 20. | 4. | 4. | 0. | 1.0 | 8.8 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 10 | 10 | 10 | 10 | 10 | 9 | 10 |

| | | | | | | | | |
|--------------------|------|-------|--------|--------|-------|------|------|-----|
| MAXIMUM | 30.2 | 1040. | 560. | 812. | 4. | 21.8 | 15.1 | 1.6 |
| AVG OR GEOM MN (*) | 16.1 | 158. | 22.* D | 24.* D | 3.* D | 10.9 | 11.3 | 0.8 |
| MINIMUM | 1.9 | 20. | 4. | 4. | 0. | 1.0 | 8.8 | 0.2 |

| | | | | | | | | |
|---------------|---|----|----|----|----|----|---|----|
| NO OF SAMPLES | 2 | 10 | 10 | 10 | 10 | 10 | 9 | 10 |
|---------------|---|----|----|----|----|----|---|----|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 03 | 03 | 76 | 1450 | | | .3 | | 0.019 | 0.007 | 0.005 | 0.320 | 0.003 | 0.320 | 216.0 | 15.0L | | |
| 27 | 04 | 76 | 1415 | | | .3 | | 0.013 | 0.004 | 0.005L | 0.335 | 0.001 | 0.010L | 204.0 | 15.0L | | |
| 11 | 05 | 76 | 1410 | | | .3 | | 0.015 | 0.005 | 0.005L | 0.405 | 0.002 | 0.010L | 205.0 | 15.0L | | |
| 01 | 06 | 76 | 1407 | | | .3 | | 0.017 | 0.005 | 0.005L | 0.475 | 0.002 | 0.010L | 204.0 | 11.5 | | |
| 26 | 07 | 76 | 1551 | | | .3 | | 0.030 | 0.013 | 0.040 | 0.610 | 0.008 | 0.010L | 262.0 | 3.0 | | |
| 16 | 08 | 76 | 1345 | | | .3 | | 0.024 | 0.013 | 0.015 | 0.705 | 0.003 | 0.020 | 248.0 | 15.0L | | |
| 28 | 09 | 76 | 1030 | | | .3 | | 0.032 | 0.017 | 0.005L | 0.420 | 0.003 | 0.010L | 268.0 | 3.5 | | |
| 13 | 10 | 76 | 1015 | | | .3 | | 0.021 | 0.004 | 0.005 | 0.495 | 0.001 | 0.010L | 274.0 | 2.5 | | |
| 23 | 11 | 76 | 1025 | | | .3 | | 0.012 | 0.002 | 0.005 | 0.450 | 0.001 | 0.020 | 260.0 | 15.0L | | |
| 14 | 12 | 76 | 1145 | | | .3 | | 0.003 | 0.002 | 0.020 | 0.310 | 0.003 | 0.140 | 224.0 | 15.0L | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.032 0.017 0.040 0.705 0.008 0.320 274.0 15.0
0.019 0.007 0.011D 0.453 0.003 0.056D 236.6 11.1D
0.003 0.002 0.005 0.310 0.001 0.010 204.0 2.5

NO OF SAMPLES

10 10 10 10 10 10 10 10

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 03 | 03 | 76 | 1450 | | | .3 | | 368 | 0.70 | 3.0 | | | 3.0 | 180 | 7.92 | 0.08 | |
| 27 | 04 | 76 | 1415 | | | .3 | | 315 | 0.65 | 2.0 | | | 0.0 | 162 | 8.30 | | 0.160 |
| 11 | 05 | 76 | 1410 | | | .3 | | 357 | 0.77 | 3.0 | | | 0.0 | 176 | 8.31 | | 0.120 |
| 01 | 06 | 76 | 1407 | | | .3 | | 370 | 0.75 | 1.5 | | | 0.0 | 200 | 8.54 | | 0.150 |
| 26 | 07 | 76 | 1551 | | | .3 | | 405 | 1.80 | 3.5 | | | 0.0 | 214 | 8.35 | | 1.060 |
| 16 | 08 | 76 | 1345 | | | .3 | | 395 | 1.50 | 3.0 | | | 1.6L | 207 | 8.28 | | 0.400 |
| 28 | 09 | 76 | 1030 | | | .3 | | 431 | 1.60 | 3.0 | | | 6.0 | 228 | 7.96 | | 0.260 |
| 13 | 10 | 76 | 1015 | | | .3 | | 429 | 1.40 | 4.0 | | | 4.0 | 222 | 8.05 | | 0.190 |
| 23 | 11 | 76 | 1025 | | | .3 | | 427 | 0.80 | 5.0 | | | 0.0 | 204 | 8.28 | | 0.090 |
| 14 | 12 | 76 | 1145 | | | .3 | | 407 | 0.60 | 3.5 | | | 8.0 | 194 | 7.76 | | 0.080 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

431 1.80 5.0 8.0 228 8.54 0.08 1.060
390 1.06 3.2 2.3D 199 8.18 0.08 0.279
315 0.60 1.5 0.0 162 7.76 0.08 0.080

NO OF SAMPLES

10 10 10 10 10 10 1 9

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 03 | 03 | 76 | 1450 | | | .3 | | | 198.0 | | | 10 | | | | | |
| 27 | 04 | 76 | 1415 | | | .3 | | | 172.0 | | | 10 | | | | | |
| 11 | 05 | 76 | 1410 | | | .3 | | | 190.0 | | | 20 | | | | | |
| 01 | 06 | 76 | 1407 | | | .3 | | | 206.0 | | | 30 | | | | | |
| 26 | 07 | 76 | 1551 | | | .3 | | | 226.0 | | | 30 | | | | | |
| 16 | 08 | 76 | 1345 | | | .3 | | | 222.0 | | | 40 | | | | | |
| 28 | 09 | 76 | 1030 | | | .3 | | | 338.0 | | | 30 | | | | | |
| 13 | 10 | 76 | 1015 | | | .3 | | | 236.0 | | | 30 | | | | | |
| 23 | 11 | 76 | 1025 | | | .3 | | | 236.0 | | | 15 | | | | | |
| 14 | 12 | 76 | 1145 | | | .3 | | | 224.0 | | | 10 | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

338.0 40
224.8 23
172.0 10

NO OF SAMPLES

10 10

B.O.W./ SITE: STOKES RIVER
SAMPLE POINT: SECOND BRIDGE UPSTREAM FROM MOUTH STOKESBAY
STATION TYPE: RIVER

STATION ID: 08-0143-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: STOKES RIVER

STORET CODE: 02
002
1530

| STN NO | | | | 1 | LAT | | LONG | | U.T.M. 17 0471175.0 4983100.0 4 | | | | REGION 01 | | MILEAGE | | 0.70 |
|--------------------|----|----|------|------|-----|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 27 | 04 | 76 | 1445 | | | .3 | | 20046 | 6 | | 90. | 8. | 16. | 4. L | 11.0 | 13.8 | 0.8 |
| 11 | 05 | 76 | 1445 | | | .3 | | 20067 | 6 | | 60. | 28. | 12. | 4. L | 12.6 | 7.0 | 1.1 |
| 01 | 06 | 76 | 1441 | | | .3 | | 20088 | 6 | | 100. | 12. | 4. | 4. L | 20.8 | 9.1 | 1.6 |
| 26 | 07 | 76 | 1431 | | | .3 | | 20108 | 6 | | 140. | 20. | 36. | 4. L | 21.1 | 5.7 | 1.9 |
| 16 | 08 | 76 | 1417 | | | .3 | | 20129 | 6 | | 2000. | 68. | 308. | 12. | 18.2 | 4.3 | 2.2 |
| 28 | 09 | 76 | 1130 | | | .3 | | 20155 | 6 | | 90. | 16. | 52. | 4. L | 10.0 | | 1.6 |
| 13 | 10 | 76 | 1125 | | | .3 | | 20174 | 6 | | 40. | 8. | 4. | 4. L | 10.0 | 5.1 | 2.3 |
| | | | | | | | | | | | 2000. | 68. | 308. | 12. | 21.1 | 13.8 | 2.3 |
| MAXIMUM | | | | | | | | | | | 127.* | 17.* | 21.* | 5.* D | 14.8 | 7.5 | 1.6 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 40. | 8. | 4. | 4. | 10.0 | 4.3 | 0.8 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 7 | 7 | 7 | 7 | 7 | 6 | 7 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2000. 68. 308. 12. 21.1 13.8 2.3
127.* 17.* 21.* 5.* D 14.8 7.5 1.6
40. 8. 4. 4. 10.0 4.3 0.8

NO OF SAMPLES

7 7 7 7 7 6 7

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 04 | 76 | 1445 | | | .3 | | 0.033 | 0.016 | 0.025 | 0.650 | 0.008 | 0.010L | 220.0 | 15.0L | | |
| 11 | 05 | 76 | 1445 | | | .3 | | 0.028 | 0.008 | 0.005L | 0.690 | 0.003 | 0.010L | 186.0 | 15.0L | | |
| 01 | 06 | 76 | 1441 | | | .3 | | 0.044 | 0.007 | 0.005L | 0.565 | 0.004 | 0.010L | 204.0 | 12.0 | | |
| 26 | 07 | 76 | 1431 | | | .3 | | 0.108 | 0.035 | 0.050 | 1.850 | 0.015 | 0.010L | 298.0 | 6.0 | | |
| 16 | 08 | 76 | 1417 | | | .3 | | 0.141 | 0.055 | 0.055 | 1.550 | 0.005 | 0.010L | 284.0 | 29.0 | | |
| 28 | 09 | 76 | 1130 | | | .3 | | 0.047 | 0.011 | 0.005L | 1.100 | 0.004 | 0.010L | 364.0 | 3.5 | | |
| 13 | 10 | 76 | 1125 | | | .3 | | 0.069 | 0.026 | 0.005L | 1.140 | 0.004 | 0.010L | 274.0 | 4.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|-------|-------|
| MAXIMUM | 0.141 | 0.055 | 0.055 | 1.850 | 0.015 | 0.010 | 364.0 | 29.0 |
| AVG OR GEOM MN (*) | 0.067 | 0.023 | 0.0210 | 1.078 | 0.006 | 0.0100 | 261.4 | 12.10 |
| MINIMUM | 0.028 | 0.007 | 0.005 | 0.565 | 0.003 | 0.010 | 186.0 | 3.5 |
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 04 | 76 | 1445 | | | .3 | | 310 | 1.80 | 2.5 | | | 2.2 | 156 | 7.88 | | 0.600 |
| 11 | 05 | 76 | 1445 | | | .3 | | 315 | 2.70 | 2.5 | | | 6.7 | 152 | 7.72 | | 0.420 |
| 01 | 06 | 76 | 1441 | | | .3 | | 360 | 3.50 | 2.0 | | | 3.8 | 187 | 8.22 | | 0.680 |
| 26 | 07 | 76 | 1431 | | | .3 | | 420 | 3.80 | 2.0 | | | 15.0 | 219 | 7.56 | | 1.050 |
| 16 | 08 | 76 | 1417 | | | .3 | | 410 | 5.20 | 1.5 | | | 2.2 | 209 | 7.48 | | 2.200 |
| 28 | 09 | 76 | 1130 | | | .3 | | 540 | 2.40 | 2.0 | | | 18.0 | 289 | 7.61 | | 0.420 |
| 13 | 10 | 76 | 1125 | | | .3 | | 412 | 2.70 | 3.5 | | | 10.0 | 211 | 7.63 | | 0.920 |

| | | | | | | | |
|--------------------|-----|------|-----|------|-----|------|-------|
| MAXIMUM | 540 | 5.20 | 3.5 | 18.0 | 289 | 8.22 | 2.200 |
| AVG OR GEOM MN (*) | 395 | 3.16 | 2.3 | 8.3 | 203 | 7.73 | 0.899 |
| MINIMUM | 310 | 1.80 | 1.5 | 2.2 | 152 | 7.48 | 0.420 |
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 27 | 04 | 76 | 1445 | | | .3 | | | 170.0 | | | 50 | | | | | |
| 11 | 05 | 76 | 1445 | | | .3 | | | 166.0 | | | 60 | | | | | |
| 01 | 06 | 76 | 1441 | | | .3 | | | 196.0 | | | 70 | | | | | |
| 26 | 07 | 76 | 1431 | | | .3 | | | 236.0 | | | 140 | | | | | |
| 16 | 08 | 76 | 1417 | | | .3 | | | 228.0 | | | 140 | | | | | |
| 28 | 09 | 76 | 1130 | | | .3 | | | 304.0 | | | 70 | | | | | |
| 13 | 10 | 76 | 1125 | | | .3 | | | 226.0 | | | 80 | | | | | |

| | | |
|--------------------|-------|-----|
| MAXIMUM | 304.0 | 140 |
| AVG OR GEOM MN (*) | 218.0 | 87 |
| MINIMUM | 166.0 | 50 |
| NO OF SAMPLES | 7 | 7 |

B.O.W./ SITE: SPRING CREEK
SAMPLE POINT: NEAR MOUTH
STATION TYPE: RIVER

STATION ID: 08-0144-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPRING CREEK

STORET CODE: 02
002
1570

STN NO 1 LAT LONG U.T.M. 17 0464250.0 4986050.0 4 REGION 01 MILEAGE 0.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 04 | 76 | 1520 | | | .3 | | 20047 | 6 | | 100. | 12. | 8. | 4. L | 10.0 | 14.6 | 0.7 |
| 11 | 05 | 76 | 1515 | | | .3 | | 20068 | 6 | | 100. | 4. | 8. | 4. L | 12.8 | 9.7 | 1.3 |
| 01 | 06 | 76 | 1512 | | | .3 | | 20089 | 6 | | 90. | 4. | 4. L | 4. L | 19.2 | 8.4 | 1.1 |
| 26 | 07 | 76 | 1504 | | | .3 | | 20109 | 6 | | 150. | 4. L | 68. | 4. L | 22.0 | 9.7 | 1.7 |
| 16 | 08 | 76 | 1451 | | | .3 | | 20130 | 6 | | 220. | 44. | 64. | 4. L | 21.6 | 11.7 | 0.6 |
| 28 | 09 | 76 | 1105 | | | .3 | | 20154 | 6 | | 70. | 8. | 68. | 4. L | 10.0 | | 1.0 |
| 13 | 10 | 76 | 1100 | | | .3 | | 20173 | 6 | | 12. | 8. | 28. | 4. L | 9.9 | 9.2 | 0.1 |

| | | | | | | | | |
|--------------------|--|------|-------|--------|-------|------|------|-----|
| MAXIMUM | | 220. | 44. | 68. | 4. | 22.0 | 14.6 | 1.7 |
| AVG OR GEOM MN (*) | | 82.* | 8.* D | 21.* D | 4.* D | 15.1 | 10.6 | 0.9 |
| MINIMUM | | 12. | 4. | 4. | 4. | 9.9 | 8.4 | 0.1 |
| NO OF SAMPLES | | 7 | 7 | 7 | 7 | 7 | 6 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 04 | 76 | 1520 | | | .3 | | 0.016 | 0.005 | 0.020 | 0.405 | 0.005 | 0.010L | 200.0 | 15.0L | | |
| 11 | 05 | 76 | 1515 | | | .3 | | 0.031 | 0.010 | 0.005 | 0.555 | 0.002 | 0.010L | 186.0 | 15.0L | | |
| 01 | 06 | 76 | 1512 | | | .3 | | 0.021 | 0.006 | 0.005 | 0.450 | 0.002 | 0.010L | 158.0 | 9.5 | | |
| 26 | 07 | 76 | 1504 | | | .3 | | 0.024 | 0.008 | 0.050 | 0.580 | 0.003 | 0.010L | 220.0 | 8.5 | | |
| 16 | 08 | 76 | 1451 | | | .3 | | 0.015 | 0.009 | 0.015 | 0.500 | 0.002 | 0.010L | 220.0 | 15.0L | | |
| 28 | 09 | 76 | 1105 | | | .3 | | 0.011 | 0.004 | 0.005L | 0.465 | 0.003 | 0.010L | 218.0 | 2.0 | | |
| 13 | 10 | 76 | 1100 | | | .3 | | 0.011 | 0.004 | 0.010 | 0.435 | 0.002 | 0.010L | 218.0 | 1.5 | | |

| | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|-------|------|
| MAXIMUM | 0.031 | 0.010 | 0.050 | 0.580 | 0.005 | 0.010 | 220.0 | 15.0 |
| AVG OR GEOM MN (*) | 0.018 | 0.007 | 0.0160 | 0.487 | 0.003 | 0.0100 | 202.9 | 9.50 |
| MINIMUM | 0.011 | 0.004 | 0.005 | 0.405 | 0.002 | 0.010 | 158.0 | 1.5 |
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 04 | 76 | 1520 | | .3 | | 305 | 0.80 | 2.5 | | | 0.0 | 152 | 8.11 | | 0.200 |
| 11 | 05 | 76 | 1515 | | .3 | | 315 | 1.10 | 2.5 | | | 0.0 | 152 | 8.05 | | 0.150 |
| 01 | 06 | 76 | 1512 | | .3 | | 340 | 0.90 | 2.5 | | | 3.8 | 174 | 8.24 | | 0.120 |
| 26 | 07 | 76 | 1504 | | .3 | | 350 | 2.60 | 2.0 | | | 4.0 | 176 | 8.05 | | 0.380 |
| 16 | 08 | 76 | 1451 | | .3 | | 353 | 0.60 | 1.5 | | | 3.2 | 173 | 8.01 | | 0.120 |
| 28 | 09 | 76 | 1105 | | .3 | | 359 | 0.85 | 2.5 | | | 6.0 | 184 | 7.87 | | 0.050 |
| 13 | 10 | 76 | 1100 | | .3 | | 355 | 0.80 | 3.0 | | | 6.0 | 171 | 7.94 | | 0.090 |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

359
340
305

2.60
1.09
0.60

3.0
2.4
1.5

6.0
3.3
0.0

184
169
152

8.24
8.04
7.87

0.380
0.159
0.050

NO OF SAMPLES

7

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLS MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|----------------------------------|
| 27 | 04 | 76 | 1520 | | .3 | | | 164.0 | | | 20 | | | | | |
| 11 | 05 | 76 | 1515 | | .3 | | | 166.0 | | | 30 | | | | | |
| 01 | 06 | 76 | 1512 | | .3 | | | 184.0 | | | 30 | | | | | |
| 26 | 07 | 76 | 1504 | | .3 | | | 192.0 | | | 30 | | | | | |
| 16 | 08 | 76 | 1451 | | .3 | | | 188.0 | | | 30 | | | | | |
| 28 | 09 | 76 | 1105 | | .3 | | | 196.0 | | | 30 | | | | | |
| 13 | 10 | 76 | 1100 | | .3 | | | 194.0 | | | 30 | | | | | |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

196.0
183.4
164.0

30
29
20

NO OF SAMPLES

7

B.O.W./ SITE: REDHILL CREEK
SAMPLE POINT: AT BEACH ROAD, HAMILTON
STATION TYPE: RIVER

STATION ID: 09-0001-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: REDHILL CREEK

STORET CODE: 02
004
4620

| STN NO | 1 | LAT | LONG | U.T.M. 17 0599600.0 4790550.0 4 | REGION 02 | MILEAGE | 0.10 | | | | | | | | |
|------------|-----------|----------|---------------------|---------------------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 1445 | | .3 | 33001 | 9 0 | | 56000E+1 | 17000E+1 | 9000. | | 11.0 | 6.0 | 10.0 |
| 10 | 02 | 76 | 1245 | | .3 | 33007 | 0 9 | | 20000E+1 | 30000. | 9000. | | 8.0 | 9.0 | 9.0 |
| 09 | 03 | 76 | 1510 | | .3 | 33013 | 9 | | 24500E+1 | 7000. | 1000. | | 9.0 | 8.0 | 4.8 |
| 13 | 04 | 76 | 1515 | | .3 | 33019 | 9 | | 71000E+1 | | 1500. | G | 14.0 | 8.0 | 8.5 |
| 11 | 05 | 76 | 1415 | | .3 | 33025 | 9 0 | | 10000E+2 | 16000E+1 | 30000. | | 15.0 | 5.0 | 24.0 |
| 15 | 06 | 76 | 0950 | | .3 | 33031 | 9 | | 60. | | 1000. | L | 21.0 | 6.0 | 3.2 |
| 13 | 07 | 76 | 1135 | | .3 | 33037 | 9 | | 100. | | 100. | L | 20.0 | 6.0 | 3.4 |
| 10 | 08 | 76 | 1310 | | .3 | 33043 | 9 | | 100. L | | 10. L | | 23.5 | 6.0 | 2.4 |
| 14 | 09 | 76 | 1300 | | .3 | 33049 | 9 | | 30000E+1 | 10000. | 10000. | | 23.0 | 6.0 | 39.0 |
| 12 | 10 | 76 | 1420 | | .3 | 33055 | 0 9 | | 100. L | 10. L | 10000. L | | 18.0 | 7.0 | 4.8 |
| 10 | 11 | 76 | 1315 | | .3 | 33061 | 0 9 | | 23000E+2 | 18100. | 15000. | | 15.0 | 7.0 | 5.9 |
| 14 | 12 | 76 | 1245 | | .3 | 33067 | 9 | | 13000E+2 | 25000E+1 | 30000. | | 11.0 | 8.0 | 5.0 |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

23000E+2 25000E+1 30000.
31748.* D 15018.* D 2720.* E
60. 10. 10.

23.5 9.0 39.0
15.7 6.8 10.0
8.0 5.0 2.4

NO OF SAMPLES

12

8

12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 1445 | | .3 | | 0.600 | 0.053 | 40.000 | 53.000 | 0.065 | 0.270 | | 23.0 | | |
| 10 | 02 | 76 | 1245 | | .3 | | 0.395 | 0.054 | 18.000 | 20.500 | 0.180 | 0.770 | | 2.0 | | |
| 09 | 03 | 76 | 1510 | | .3 | | 0.230 | 0.090 | 2.950 | 3.800 | 0.060 | 1.600 | | 15.0 | | |
| 13 | 04 | 76 | 1515 | | .3 | | 0.730 | 0.025 | 29.600 | 31.600 | 0.130 | 0.255 | | 33.0 | | |
| 11 | 05 | 76 | 1415 | | .3 | | 1.760 | 0.320 | 12.600 | 15.200 | 0.240 | 0.625 | | 75.0 | | |
| 15 | 06 | 76 | 0950 | | .3 | | 0.710 | 0.150 | | 27.500 | 0.065 | 0.285 | | 28.0 | | |
| 13 | 07 | 76 | 1135 | | .3 | | 0.680 | 0.115 | 30.000 | 31.000 | 0.120 | 0.100 | | 19.0 | | |
| 10 | 08 | 76 | 1310 | | .3 | | 0.780 | 0.310 | 24.2 | 35.0 | 0.150 | 0.205 | | 16. | | |
| 14 | 09 | 76 | 1300 | | .3 | | 14.500 | 0.240 | 31.000 | 81.000 | 0.040 | 0.160 | 1582.0 | 1028.0 | | |
| 12 | 10 | 76 | 1420 | | .3 | | 1.350 | 0.019 | 30.000 | 43.800 | 0.066 | 0.079 | | 47.0 | | |
| 10 | 11 | 76 | 1315 | | .3 | | 0.925 | 0.140 | 31.6 | 35.5 | 0.014 | 0.056 | | 23. | | |
| 14 | 12 | 76 | 1245 | | .3 | | 0.470 | 0.080 | 27.700 | 33.800 | 0.068 | 0.062 | 548.0 | 28.0 | | |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

14.500
1.928
0.230

0.320
0.133
0.019

40.000
25.241
2.950

81.000
34.308
3.800

0.240
0.100
0.014

1.600
0.380
0.056

1582.0
684.1
499.

1028.0
111.4
2.0

NO OF SAMPLES

12

12

11

12

12

12

11

12

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 13 | 01 | 76 | 1445 | | | .3 | 1300 | 7.80 | | | | | | | | |
| 10 | 02 | 76 | 1245 | | | .3 | 1210 | 10.00 | 185.0 | | | | | | | |
| 09 | 03 | 76 | 1510 | | | .3 | 900 | 13.00 | 108.0 | | | | | | | |
| 13 | 04 | 76 | 1515 | | | .3 | 1100 | 12.00 | 150.0 | | | | | | | |
| 11 | 05 | 76 | 1415 | | | .3 | 1050 | 30.00 | 113.0 | | | | | | | |
| 15 | 06 | 76 | 0950 | | | .3 | 980 | 16.00 | 125.0 | | | | | | | |
| 13 | 07 | 76 | 1135 | | | .3 | 1000 | 8.60 | 135.0 | | | | | | | |
| 10 | 08 | 76 | 1310 | | | .3 | 975 | 7.9 | 130. | | | | | | | |
| 14 | 09 | 76 | 1300 | | | .3 | 1070 | 86.00 | 140.0 | | | | | | | |
| 12 | 10 | 76 | 1420 | | | .3 | 1080 | 26.00 | 155.0 | | | | | | | |
| 10 | 11 | 76 | 1315 | | | .3 | 1040 | 7.8 | 135. | | | | | | | |
| 14 | 12 | 76 | 1245 | | | .3 | 1040 | 7.00 | 145.0 | | | | | | | |

MAXIMUM 1300 86.00 185.0
 AVG OR GEOM MN (°) 1062 19.34 138.3
 MINIMUM 900 7.00 108.0
 NO OF SAMPLES 12 12 11

B.O.W./ SITE: REDHILL CREEK
 SAMPLE POINT: DOWNSTREAM FROM SANITARY LANDFILL SITE, HAMILTON
 STATION TYPE: RIVER FLOW GAUGE MOE 02HB107
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: REDHILL CREEK
 STATION ID: 09-0001-002-02
 STORET CODE: 02
 004
 4620

STN NO 2 LAT LONG U.T.M. 17 0597290.0 4785525.0 4 REGION 02 MILEAGE 4.20

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 | 01 | 76 | 1415 | | | .3 | 33000 | 4 | | 600. | 280. | 100. | | 1.0 | 13.0 | 3.2 |
| 10 | 02 | 76 | 1215 | | | .3 | 33006 | 2 | | | | | | | | |
| 09 | 03 | 76 | 0903 | | | .3 | 33012 | 6 | | 1600. | 10. | 10. | | 2.0 | 12.0 | 2.4 |
| 13 | 04 | 76 | 1440 | | | .3 | 33018 | 6 | | 70. | 10. | 10. | L | 12.5 | 14.0 | 1.0 |
| 11 | 05 | 76 | 1345 | | | .3 | 33024 | | | 1900. | 180. | 100. | | 12.0 | 10.0 | 2.0 |
| 15 | 06 | 76 | 0920 | | | .3 | 33030 | 6 | | 1600. | | 1500. | G | 21.5 | 8.0 | 3.2 |
| 13 | 07 | 76 | 1100 | | | .3 | 33036 | 8 6 | | 300. | | 100. | | 20.5 | 11.0 | 0.6 |
| 10 | 08 | 76 | 1215 | | | .3 | 33042 | 6 8 | | 800. | | 200. | | 24.0 | 10.0 | 1.0 |
| 14 | 09 | 76 | 1220 | | | .3 | 33048 | 6 8 | | 700. | 90. | 810. | | 21.0 | 10.0 | 1.2 |
| 12 | 10 | 76 | 1400 | | | .3 | 33054 | 8 6 | | 600. | 1. | 10. | | 13.0 | 11.0 | 1.2 |
| 10 | 11 | 76 | 1300 | | | .3 | 33060 | 6 | | 180. | 108. | 32. | | 4.0 | 12.0 | 0.9 |
| 14 | 12 | 76 | 1200 | | | .3 | 33066 | 4 | | 290. | 16. | 16. | | 0.0 | 14.0 | 1.0 |

MAXIMUM 1900. 280. 1500.
 AVG OR GEOM MN (°) 537.* 31.* D 67.* E
 MINIMUM 70. 1. 10.
 NO OF SAMPLES 11 8 11 11 11 11

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 | 01 | 76 | 1415 | | | .3 | 0.040 | 0.015 | 1.100 | 1.700 | 0.025 | 2.600 | 906.0 | 20.0 | | |
| 10 | 02 | 76 | 1215 | | | .3 | | | | | | | | | | |
| 09 | 03 | 76 | 0903 | | | .3 | 0.045 | 0.023 | 0.740 | 1.400 | 0.021 | 2.050 | 628.0 | 12.0 | | |
| 13 | 04 | 76 | 1440 | | | .3 | 0.014 | 0.001 | 0.059 | 0.510 | 0.036 | 3.100 | 730.0 | 2.1 | | |
| 11 | 05 | 76 | 1345 | | | .3 | 0.064 | 0.012 | 0.340 | 0.900 | 0.079 | 1.920 | 639.0 | 21.0 | | |
| 15 | 06 | 76 | 0920 | | | .3 | 0.040 | 0.042 | 0.020 | 1.650 | 0.015 | 2.770 | 2022.0 | 874.0 | | |
| 13 | 07 | 76 | 1100 | | | .3 | 0.004 | 0.003 | 0.001 | 0.600 | 0.004 | 2.730 | 1087.0 | 2.0 | | |
| 10 | 08 | 76 | 1215 | | | .3 | 0.010 | 0.007 | 0.010 | 0.570 | 0.004 | 2.85 | 968. | 5. | | |
| 14 | 09 | 76 | 1220 | | | .3 | 0.016 | 0.001 | 0.010 | 0.580 | 0.005 | 3.800 | 1170.0 | 4.1 | | |
| 12 | 10 | 76 | 1400 | | | .3 | 0.019 | 0.001 | 0.008 | 0.470 | 0.003 | 2.600 | 798.0 | 2.4 | | |
| 10 | 11 | 76 | 1300 | | | .3 | 0.019 | 0.001 | 1.040 | 1.75 | 0.046 | 4.2 | 1176. | 8.0 | | |
| 14 | 12 | 76 | 1200 | | | .3 | 0.017 | 0.002 | 3.150 | 3.500 | 0.016 | 2.740 | 1624.0 | 5.6 | | |

MAXIMUM 0.940 0.042 3.150 3.500 0.079 4.2 2022.0 874.0
 AVG OR GEOM MN (°) 0.108 0.010 0.589 1.239 0.023 2.851 1068.0 86.9
 MINIMUM 0.004 0.001 0.001 0.470 0.003 1.920 628.0 2.0
 NO OF SAMPLES 11 11 11 11 11 11 11

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 13 | 01 | 76 | 1415 | | | .3 | 1360 | 7.00 | 163.0 | | | | | | | |
| 09 | 03 | 76 | 0903 | | | .3 | 900 | 11.00 | 98.0 | | | | | | | |
| 13 | 04 | 76 | 1440 | | | .3 | 1050 | 1.50 | 110.0 | | | | | | | |
| 11 | 05 | 76 | 1345 | | | .3 | 958 | 25.00 | 95.0 | | | | | | | |
| 15 | 06 | 76 | 0920 | | | .3 | 1440 | 350.00 | 165.0 | | | | | | | |
| 13 | 07 | 76 | 1100 | | | .3 | 1380 | 1.70 | 165.0 | | | | | | | |
| 10 | 08 | 76 | 1215 | | | .3 | 1410 | 2.5 | 195. | | | | | | | |
| 14 | 09 | 76 | 1220 | | | .3 | 1650 | 2.00 | 190.0 | | | | | | | |
| 12 | 10 | 76 | 1400 | | | .3 | 1260 | 2.40 | 138.0 | | | | | | | |
| 10 | 11 | 76 | 1300 | | | .3 | 1700 | 5.10 | 195. | | | | | | | |
| 14 | 12 | 76 | 1200 | | | .3 | 2360 | 6.00 | 375.0 | | | | | | | |

MAXIMUM 2360 350.00 375.0
 AVG OR GEOM MN (°) 1406 37.66 171.7
 MINIMUM 900 1.50 95.0
 NO OF SAMPLES 11 11 11

B.O.W. / SITE: SPENCER CREEK
 SAMPLE POINT: AT COOTES ROAD, DUNDAS
 STATION TYPE: RIVER FLOW GAUGE FED 02H8010

STATION ID: 09-0008-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SPENCER CREEK

STORET CODE: 02
 004
 4590

| STN NO | 1 | LAT | LONG | U.T.M. 17 0585050.0 4790350.0 4 | REGION 02 | MILEAGE | 2.30 | | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|--|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 13 01 76 | 1305 | | | | .3 | | 33002 | 2 | 33.50 | | | | | | | | |
| 10 02 76 | 1140 | | | | .3 | | 33008 | 2 | 53.00 | | | | | | | | |
| 09 03 76 | 1315 | | | | .3 | | 33014 | 6 | 317.00 | 1300. | 10. | L | 40. | 2.0 | 13.0 | 1.8 | |
| 29 03 76 | 0925 | | | | .3 | | 32389 | 3 | 250.00 | 400. | 48. | | 88. | 5.0 | 12.0 | 1.2 | |
| 13 04 76 | 1245 | | | | .3 | | 33020 | 6 | 79.70 | 200. | 10. | L | 10. | 9.5 | 12.0 | 1.0 | |
| 11 05 76 | 1205 | | | | .3 | | 33026 | 6 | 173.00 | 3600. | 260. | | 190. | 14.5 | 10.0 | 1.8 | |
| 15 06 76 | 0745 | | | | .3 | | 33032 | 6 | 15.70 | 2000. | | | 650. | 22.0 | 5.0 | 1.6 | |
| 13 07 76 | 1200 | | | | .3 | | 32355 | | 22.70 | 9000. | | | 150. | | | 1.6 | |
| 10 08 76 | 1115 | | | | .3 | | 33044 | 6 | 14.20 | 18000. | | | 270. | 19.0 | 8.0 | 1.2 | |
| 14 09 76 | 1120 | | | | .3 | | 33050 | 6 | 9.20 | 25000. | 2200. | | 460. | 17.5 | 7.0 | 1.6 | |
| 21 10 76 | 1430 | | | | .3 | | 31691 | 6 | 50.40 | 350. | 48. | | 140. | 8.5 | 9.2 | 1.8 | |
| 10 11 76 | 1030 | | | | .3 | | 33062 | 6 | 42.70 | 212. | 8. | | 30. | 2.0 | 11.0 | 1.1 | |
| MAXIMUM | | | | | | | | | 317.00 | 25000. | 2200. | 650. | | 22.0 | 13.0 | 1.8 | |
| AVG OR GEOM MN (*) | | | | | | | | | 88.43 | 1719.* | 52.* D | 113.* D | | 11.1 | 9.7 | 1.5 | |
| MINIMUM | | | | | | | | | 9.20 | 200. | 8. | 10. | | 2.0 | 5.0 | 1.0 | |
| NO OF SAMPLES | | | | | | | | | 12 | 10 | 7 | 10 | | 9 | 9 | 10 | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 13 01 76 | 1305 | | | | .3 | | | | | | | | | | | | |
| 10 02 76 | 1140 | | | | .3 | | | | | | | | | | | | |
| 09 03 76 | 1315 | | | | .3 | | 0.052 | 0.020 | 0.072 | 0.660 | 0.009 | 1.620 | 321.0 | 25.0 | | | |
| 29 03 76 | 0925 | | | | .3 | | 0.045 | 0.016 | 0.042 | 0.660 | 0.008 | 0.732 | 271.0 | 19.0 | 252 | | |
| 13 04 76 | 1245 | | | | .3 | | 0.064 | 0.003 | 0.088 | 0.840 | 0.008 | 0.632 | 311.0 | 7.0 | | | |
| 11 05 76 | 1205 | | | | .3 | | 0.066 | 0.004 | 0.020 | 1.180 | 0.011 | 0.449 | 324.0 | 19.0 | | | |
| 15 06 76 | 0745 | | | | .3 | | 0.115 | | 0.042 | 0.990 | 0.012 | | 480.0 | 64.0 | | | |
| 13 07 76 | 1200 | | | | .3 | | 0.044 | 0.011 | 0.014 | 0.770 | 0.006 | 0.424 | 427. | 15.0 | 412 | | |
| 10 08 76 | 1115 | | | | .3 | | 0.050 | 0.003 | 0.032 | 0.820 | 0.007 | 0.803 | 466. | 16. | | | |
| 14 09 76 | 1120 | | | | .3 | | 0.089 | 0.016 | 0.010 | 0.590 | 0.011 | 0.689 | 467.0 | 19.0 | | | |
| 21 10 76 | 1430 | | | | .3 | | 0.035 | 0.006 | 0.010 | 0.720 | 0.007 | 0.793 | 392.0 | 9.5 | 382 | | |
| 10 11 76 | 1030 | | | | .3 | | 0.072 | 0.033 | 0.082 | 0.790 | 0.006 | 0.739 | 346. | 4. | | | |
| MAXIMUM | | | | | | | 0.115 | 0.033 | 0.088 | 1.180 | 0.012 | 1.620 | 480.0 | 64.0 | 412 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.063 | 0.012 | 0.041 | 0.802 | 0.009 | 0.765 | 380.5 | 19.8 | 349 | | |
| MINIMUM | | | | | | | 0.035 | 0.003 | 0.010 | 0.590 | 0.006 | 0.424 | 271.0 | 4. | 252 | | |
| NO OF SAMPLES | | | | | | | 10 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 3 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 09 03 76 | 1315 | | | | .3 | | 470 | 12.00 | 19.0 | | | | | | | | |
| 29 03 76 | 0925 | | | | .3 | | 410 | 8.30 | 17. | 33. | 0.65 | | | 8.40 | 0.75 | | |
| 13 04 76 | 1245 | | | | .3 | | 495 | 3.50 | 18.0 | | | | | | | | |
| 11 05 76 | 1205 | | | | .3 | | 475 | 7.40 | 15.5 | | | | | | | | |
| 15 06 76 | 0745 | | | | .3 | | 630 | 20.00 | 35.5 | | | | | | | | |
| 13 07 76 | 1200 | | | | .3 | | 580 | 6.70 | 27.0 | 37.0 | 3.50 | | | 8.64 | | 0.570 | |
| 10 08 76 | 1115 | | | | .3 | | 683 | 8.3 | 44.5 | | | | | | | | |
| 14 09 76 | 1120 | | | | .3 | | 660 | 7.20 | 51.0 | | | | | 8.36 | | 0.430 | |
| 21 10 76 | 1430 | | | | .3 | | 640 | 4.60 | | 60.0 | 0.30 | | | | | | |
| 10 11 76 | 1030 | | | | .3 | | 580 | 4.2 | 26.5 | | | | | | | | |
| MAXIMUM | | | | | | | 683 | 20.00 | 51.0 | 60.0 | 3.50 | | | 8.64 | 0.75 | 0.570 | |
| AVG OR GEOM MN (*) | | | | | | | 562 | 8.22 | 28.2 | 43.3 | 1.48 | | | 8.47 | 0.75 | 0.500 | |
| MINIMUM | | | | | | | 410 | 3.50 | 15.5 | 33. | 0.30 | | | 8.36 | 0.75 | 0.430 | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 9 | 3 | 3 | | | 3 | 1 | 2 | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L | |
| 09 03 76 | 1315 | | | | .3 | | | | | | | | | | | | |
| 29 03 76 | 0925 | | | | .3 | | 1.0L | | | | | | | 4 | 16 | 0 | |
| 13 04 76 | 1245 | | | | .3 | | | | | | | | | | | | |
| 11 05 76 | 1205 | | | | .3 | | | | | | | | | | | | |
| 15 06 76 | 0745 | | | | .3 | | | | | | | | | | | | |
| 13 07 76 | 1200 | | | | .3 | | 1.0L | | | | | | | 18 | 29 | | |
| 10 08 76 | 1115 | | | | .3 | | | | | | | | | | | | |
| 14 09 76 | 1120 | | | | .3 | | | | | | | | | | | | |
| 21 10 76 | 1430 | | | | .3 | | 1.0L | | | | | | | 15 | 18 | 0 | |
| 10 11 76 | 1030 | | | | .3 | | | | | | | | | | | | |
| MAXIMUM | | | | | | | 1.0 | | | | | | | 18 | 29 | 0 | |
| AVG OR GEOM MN (*) | | | | | | | 1.0 | | | | | | | 12 | 21 | 0 | |
| MINIMUM | | | | | | | 1.0 | | | | | | | 4 | 16 | 0 | |
| NO OF SAMPLES | | | | | | | 3 | | | | | | | 3 | 3 | 2 | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 261 | 274 |
|--------------------|------|-----|-------|----|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 29 03 76 0925 | | | .3 | | 0.001L | 0.050L | | 0.040L | 0.020 | 0.020 | 0.010L | 0.020 | | 0.010L |
| 13 07 76 1200 | | | .3 | | 0.001 | 0.050L | | 0.020 | 0.020 | 0.010L | 0.010L | 0.010L | | 0.020 |
| 21 10 76 1430 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010 | | 0.010L |
| MAXIMUM | | | | | 0.001 | 0.050 | | 0.040 | 0.020 | 0.020 | 0.010 | 0.020 | | 0.020 |
| AVG OR GEOM MN (") | | | | | 0.001D | 0.043D | | 0.027D | 0.017D | 0.013D | 0.008D | 0.013D | | 0.013D |
| MINIMUM | | | | | 0.001 | 0.030 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W. / SITE: DESJARDINS CANAL
SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH SPENCER CREEK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SPENCER CREEK

STATION ID: 09-0008-002-02

STORET CODE: 02
004
4590

| STN NO | 2 | LAT | LONG | U.T.M. | 17 0587200.0 | 4791300.0 | 4 | REGION 02 | MILEAGE | 1.60 | | | | |
|--------------------|------|-----|-------|--------|--------------|-----------|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFCRM | COLIFCRM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 13 01 76 1320 | | | .3 | | 33003 | 2 | | | | | | | | |
| 10 02 76 1150 | | | .3 | | 33009 | 2 | | | | | | | | |
| 09 03 76 1330 | | | .3 | | 33015 | 3 6 | 400. | 100. | 100. | | | 2.0 | 14.0 | 2.4 |
| 13 04 76 1310 | | | .3 | | 33021 | 3 6 | 1900. | 10. | 80. | | | 8.5 | 15.0 | 3.8 |
| 11 05 76 1225 | | | .3 | | 33027 | 3 | 3000. | 1000. | 100. | | | 14.0 | 12.0 | 2.4 |
| 15 06 76 0815 | | | .3 | | 33033 | 3 | 5000. | | 300. | | | 23.0 | 8.0 | 2.0 |
| 13 07 76 0950 | | | .3 | | 33039 | 3 7 | 13000E+1 | | 400. | | | 17.0 | 9.0 | 1.2 |
| 10 08 76 1130 | | | .3 | | 33045 | 6 7 | 11500E+1 | | 100. | | | 21.0 | 14.0 | 10.0 |
| 14 09 76 1130 | | | .3 | | 33051 | 9 | 50000. | 1400. | 700. | | | 20.0 | 12.0 | 4.2 |
| 12 10 76 1210 | | | .3 | | 33057 | 9 | 13000E+1 | 630. | 100. | | | 14.0 | 11.0 | 8.8 |
| 10 11 76 1100 | | | .3 | | 33063 | 6 | 15000E+1 | 15800. | 1100. | | | 3.5 | 11.0 | 4.8 |
| 14 12 76 1115 | | | .3 | | 33069 | 2 | | | | | | | | |
| MAXIMUM | | | | | | | | 15000E+1 | 15800. | 1100. | | 23.0 | 15.0 | 10.0 |
| AVG OR GEOM MN (") | | | | | | | | 17647. | 491. | 208. | | 13.7 | 11.8 | 4.4 |
| MINIMUM | | | | | | | | 400. | 10. | 80. | | 2.0 | 8.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | 9 | 6 | 9 | | 9 | 9 | 9 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1320 | | | .3 | | | | | | | | | | | |
| 10 02 76 1150 | | | .3 | | | | | | | | | | | |
| 09 03 76 1330 | | | .3 | | 0.066 | 0.016 | 0.060 | 0.560 | 0.008 | 1.590 | 336.0 | 23.0 | | |
| 13 04 76 1310 | | | .3 | | 0.368 | 0.004 | 0.056 | 1.980 | 0.008 | 0.677 | 382.0 | 90.0 | | |
| 11 05 76 1225 | | | .3 | | 0.060 | 0.003 | 0.022 | 1.000 | 0.010 | 0.525 | 357.0 | 27.0 | | |
| 15 06 76 0815 | | | .3 | | 0.079 | 0.004 | 0.004 | 0.860 | 0.017 | 0.718 | 467.0 | 38.0 | | |
| 13 07 76 0950 | | | .3 | | 0.052 | 0.002 | 0.034 | 1.300 | 0.006 | 0.494 | 433.0 | 21.0 | | |
| 10 08 76 1130 | | | .3 | | 0.930 | 0.180 | 2.070 | 6.650 | 0.100 | 0.680 | 537. | 62. | | |
| 14 09 76 1130 | | | .3 | | 1.250 | 0.340 | 2.400 | 7.700 | 0.250 | 0.605 | 541.0 | 73.0 | | |
| 12 10 76 1210 | | | .3 | | 0.835 | 0.280 | 9.550 | 12.500 | 0.100 | 0.680 | 534.0 | 62.0 | | |
| 10 11 76 1100 | | | .3 | | 1.570 | 1.150 | 16.3 | 16.5 | 0.075 | 0.560 | 499. | 24. | | |
| 14 12 76 1115 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 1.570 | 1.150 | 16.3 | 16.5 | 0.250 | 1.590 | 544.0 | 90.0 | | |
| AVG OR GEOM MN (") | | | | | 0.579 | 0.220 | 3.388 | 5.450 | 0.064 | 0.725 | 455.1 | 46.7 | | |
| MINIMUM | | | | | 0.052 | 0.002 | 0.004 | 0.560 | 0.006 | 0.494 | 336.0 | 21.0 | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 09 03 76 1330 | | | .3 | | 490 | 11.00 | 24.5 | | | | | | | |
| 13 04 76 1310 | | | .3 | | 550 | 18.00 | 24.0 | | | | | | | |
| 11 05 76 1225 | | | .3 | | 500 | 13.00 | 20.5 | | | | | | | |
| 15 06 76 0815 | | | .3 | | 630 | 18.00 | 39.5 | | | | | | | |
| 13 07 76 0950 | | | .3 | | 590 | 7.10 | 29.0 | | | | | | | |
| 10 08 76 1130 | | | .3 | | 750 | 21. | 83. | | | | | | | |
| 14 09 76 1130 | | | .3 | | 740 | 28.00 | 80.0 | | | | | | | |
| 12 10 76 1210 | | | .3 | | 880 | 35.00 | 95.0 | | | | | | | |
| 10 11 76 1100 | | | .3 | | 910 | 13. | 95. | | | | | | | |
| MAXIMUM | | | | | 910 | 35.00 | 95.0 | | | | | | | |
| AVG OR GEOM MN (") | | | | | 671 | 18.23 | 54.5 | | | | | | | |
| MINIMUM | | | | | 490 | 7.10 | 20.5 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: SPENCER CREEK WEST
 SAMPLE POINT: AT BRIDGE IN CROOKS HOLLOW WEST FLAMBOROUGH
 STATION TYPE: RIVER

STATION ID: 09-0008-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SPENCER CREEK

STORET CODE: 02
 004
 4590

| STN NO | 3 | LAT | LONG | U.T.M. 17 0580625.0 4791800.0 4 | REGION 02 | MILEAGE | 7.60 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 13 01 76 1030 | | | .3 | | 33004 | 6 | | 480. | 70. | 290. | | 0.0 | 11.0 | 1.8 |
| 10 02 76 1030 | | | .3 | | 33010 | 6 | | 200. | 20. | 360. | | 1.0 | 13.0 | 1.8 |
| 09 03 76 1205 | | | .3 | | 33016 | 3 6 | | 10. | 100. | 20. | | 1.0 | 14.0 | 3.4 |
| 13 04 76 1225 | | | .3 | | 33022 | 6 | | 200. | 10. | 10. | L | 7.5 | 10.0 | 0.6 |
| 11 05 76 1015 | | | .3 | | 33028 | 6 | | 100. | 90. | 70. | L | 15.0 | 8.0 | 2.4 |
| 15 06 76 0710 | | | .3 | | 33034 | 6 | | 200. | | 30. | | 23.0 | 7.0 | 2.2 |
| 13 07 76 0900 | | | .3 | | 33040 | 6 8 | | 100. | | 20. | | 20.5 | 8.0 | 1.8 |
| 10 08 76 1045 | | | .3 | | 33046 | 6 8 | | 200. | | 44. | | 20.5 | 9.0 | 2.2 |
| 14 09 76 1020 | | | .3 | | 33052 | 6 | | 100. | 10. | 10. | L | 19.5 | 8.0 | 2.6 |
| 12 10 76 1130 | | | .3 | | 33058 | 6 | | 1000. | 40. | 100. | L | 11.0 | 10.0 | 2.0 |
| 10 11 76 1000 | | | .3 | | 33064 | 6 | | 380. | 60. | 120. | | 1.0 | 14.0 | 1.7 |
| 14 12 76 1000 | | | .3 | | 33070 | 6 | | 480. | 80. | 30. | | 0.5 | 14.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

1000.
 183.
 10.
 12
 100.
 40.
 10.
 9
 360.
 48.
 10.
 12
 23.0
 10.0
 0.0
 12
 14.0
 10.5
 7.0
 12
 3.4
 1.9
 0.6

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1030 | | | .3 | | 0.061 | 0.033 | 0.310 | 0.970 | 0.037 | 1.300 | 380.0 | 3.0 | | |
| 10 02 76 1030 | | | .3 | | 0.056 | 0.030 | 0.220 | 1.210 | 0.019 | 0.961 | 373.0 | 6.6 | | |
| 09 03 76 1205 | | | .3 | | 0.066 | 0.021 | 0.100 | 1.040 | 0.008 | 1.490 | 293.0 | 16.0 | | |
| 13 04 76 1225 | | | .3 | | 0.024 | 0.002 | 0.014 | 0.530 | 0.006 | 0.567 | 280.0 | 8.1 | | |
| 11 05 76 1015 | | | .3 | | 0.048 | 0.002 | 0.006 | 1.040 | 0.009 | 0.236 | 285. | 18.0 | | |
| 15 06 76 0710 | | | .3 | | 0.045 | 0.002 | 0.036 | 0.850 | 0.014 | 0.156 | 352.0 | 7.1 | | |
| 13 07 76 0900 | | | .3 | | 0.046 | 0.003 | 0.062 | 1.020 | 0.003 | 0.012 | 179.0 | 3.2 | | |
| 10 08 76 1045 | | | .3 | | 0.052 | 0.002 | 0.064 | 1.1 | 0.008 | 0.042 | 374. | 9. | | |
| 14 09 76 1020 | | | .3 | | 0.064 | 0.004 | 0.006 | 1.010 | 0.002 | 0.005L | 340.0 | 12.0 | | |
| 12 10 76 1130 | | | .3 | | 0.040 | 0.003 | 0.084 | 0.830 | 0.007 | 0.473 | 355.0 | 6.3 | | |
| 10 11 76 1000 | | | .3 | | 0.125 | 0.081 | 0.134 | 0.890 | 0.006 | 0.689 | 734. | 4. | | |
| 14 12 76 1000 | | | .3 | | 0.061 | 0.039 | 0.250 | 0.820 | 0.011 | 1.260 | 436.0 | 3.6 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

0.125
 0.057
 0.024
 12
 0.081
 0.019
 0.002
 12
 0.310
 0.107
 0.006
 12
 1.210
 0.943
 0.530
 12
 0.037
 0.011
 0.002
 12
 1.490
 0.599D
 0.005
 12
 734.
 365.1
 179.0
 12
 18.0
 8.1
 3.0
 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 13 01 76 1030 | | | .3 | | 750 | 3.00 | 22.5 | | | | | | | |
| 10 02 76 1030 | | | .3 | | 620 | 2.60 | 19.0 | | | | | | | |
| 09 03 76 1205 | | | .3 | | 435 | 5.50 | 15.0 | | | | | | | |
| 13 04 76 1225 | | | .3 | | 450 | 3.60 | 12.5 | | | | | | | |
| 11 05 76 1015 | | | .3 | | 425 | 6.50 | 10.5 | | | | | | | |
| 15 06 76 0710 | | | .3 | | 520 | 4.00 | 14.5 | | | | | | | |
| 13 07 76 0900 | | | .3 | | 270 | 2.20 | 5.0 | | | | | | | |
| 10 08 76 1045 | | | .3 | | 523 | 4.0 | 19. | | | | | | | |
| 14 09 76 1020 | | | .3 | | 485 | 7.40 | 22.5 | | | | | | | |
| 12 10 76 1130 | | | .3 | | 560 | 3.40 | 20.5 | | | | | | | |
| 10 11 76 1000 | | | .3 | | 510 | 2.1 | 23.5 | | | | | | | |
| 14 12 76 1000 | | | .3 | | 660 | 2.00 | 27.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

750
 517
 270
 12
 7.40
 3.86
 2.00
 12
 27.0
 17.6
 5.0
 12

B.O.W. / SITE: SPINCER CREEK
 SAMPLE POINT: AT VALENS SIDE ROAD CULVERT
 STATION TYPE: RIVER

STATION ID: 09-0008-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SPINCER CREEK

STORET CODE: 02
 004
 4590

| STN NO | 4 | LAT | LONG | U.T.M. 17 0570340.0 4803450.0 4 | REGION 02 | MILEAGE | 27.60 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 13 01 | 76 | 1105 | | | .3 | | 33005 | 5 | | 76. | 1. | 8. | | 4.0 | 10.0 | 4.4 |
| 10 02 | 76 | 1100 | | | .3 | | 33011 | 5 | | 10. L | 1. | 1. | | 4.0 | 9.0 | 1.8 |
| 09 03 | 76 | 1235 | | | .3 | | 33017 | 3 6 | | 400. | 10. L | 10. L | | 2.5 | 10.0 | 1.8 |
| 13 04 | 76 | 1125 | | | .3 | | 33023 | 6 | | 110. | 10. L | 10. L | | 8.0 | 11.0 | 1.0 |
| 11 05 | 76 | 1105 | | | .3 | | 33029 | 6 | | 400. | 20. | 16. | | 12.5 | 10.0 | 2.2 |
| 15 06 | 76 | 0630 | | | .3 | | 33035 | 7 | | 300. | | 70. | | 21.0 | 5.0 | 2.0 |
| 13 07 | 76 | 0800 | | | .3 | | 33041 | 7 | | 40. | | 110. | | 18.0 | 9.0 | 1.6 |
| 10 08 | 76 | 1000 | | | .3 | | 33047 | 7 5 | | 100. | | 72. | | 19.0 | 8.0 | 1.2 |
| 14 09 | 76 | 1045 | | | .3 | | 33053 | 7 5 | | 200. | 48. | 164. | | 19.0 | 8.0 | 0.6 |
| 12 10 | 76 | 1100 | | | .3 | | 33059 | 5 | | 940. | 1. | 10. | | 11.0 | 10.0 | 1.4 |
| 10 11 | 76 | 0845 | | | .3 | | 33065 | 6 | | 10. L | 1. | 1. | | 2.0 | 12.0 | 1.4 |
| 14 12 | 76 | 0950 | | | .3 | | 33071 | 6 | | 128. | 4. L | 4. | | 2.5 | 11.0 | 0.4 |
| | | | | | | | | | | 940. | 48. | 164. | | 21.0 | 12.0 | 4.4 |
| AVG OR GEOM MN (") | | | | | | | | | | 112. * D | 4. * D | 14. * D | | 10.3 | 9.4 | 1.7 |
| MINIMUM | | | | | | | | | | 10. | 1. | 1. | | 2.0 | 5.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 13 01 | 76 | 1105 | | | .3 | | 0.033 | 0.005 | 0.150 | 0.700 | 0.025 | 0.560 | 337.0 | 5.0 | | |
| 10 02 | 76 | 1100 | | | .3 | | 0.024 | 0.003 | 0.250 | 0.900 | 0.019 | 0.426 | 359.0 | 4.3 | | |
| 09 03 | 76 | 1235 | | | .3 | | 0.020 | 0.001 | 0.068 | 0.620 | 0.017 | 0.698 | 274.0 | 2.9 | | |
| 13 04 | 76 | 1125 | | | .3 | | 0.056 | 0.001 | 0.012 | 0.660 | 0.007 | 0.213 | 269.0 | 25.0 | | |
| 11 05 | 76 | 1105 | | | .3 | | 0.029 | 0.001 | 0.008 | 0.730 | 0.005 | 0.025 | 260.0 | 3.3 | | |
| 15 06 | 76 | 0630 | | | .3 | | 0.048 | 0.001 | 0.010 | 0.980 | 0.013 | 0.012 | 211.0 | 3.4 | | |
| 13 07 | 76 | 0800 | | | .3 | | 0.050 | 0.002 | 0.010 | 1.050 | 0.002 | 0.008 | 189.0 | 4.1 | | |
| 10 08 | 76 | 1000 | | | .3 | | 0.035 | 0.014 | 0.008 | 0.610 | 0.008 | 0.072 | 154. | 1. | | |
| 14 09 | 76 | 1045 | | | .3 | | 0.037 | 0.027 | 0.002 | 0.570 | 0.003 | 0.037 | 157.0 | 1.3 | | |
| 12 10 | 76 | 1100 | | | .3 | | 0.035 | 0.016 | 0.018 | 0.520 | 0.002 | 0.008 | 157.0 | 0.8 | | |
| 10 11 | 76 | 0845 | | | .3 | | 0.017 | 0.009 | 0.044 | 0.550 | 0.002 | 0.005L | 173. | 1. | | |
| 14 12 | 76 | 0950 | | | .3 | | 0.013 | 0.001 | 0.118 | 0.550 | 0.005 | 0.005 | 307.0 | 1.2 | | |
| | | | | | | | 0.056 | 0.027 | 0.250 | 1.050 | 0.025 | 0.698 | 359.0 | 25.0 | | |
| AVG OR GEOM MN (") | | | | | | | 0.033 | 0.007 | 0.058 | 0.710 | 0.009 | 0.172D | 237.3 | 4.4 | | |
| MINIMUM | | | | | | | 0.013 | 0.001 | 0.002 | 0.520 | 0.002 | 0.005 | 154. | 0.8 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 13 01 | 76 | 1105 | | | .3 | | 580 | 2.50 | 10.0 | | | | | | | |
| 10 02 | 76 | 1100 | | | .3 | | 590 | 1.50 | 10.0 | | | | | | | |
| 09 03 | 76 | 1235 | | | .3 | | 430 | 1.60 | 6.7 | | | | | | | |
| 13 04 | 76 | 1125 | | | .3 | | 375 | 5.20 | 6.0 | | | | | | | |
| 11 05 | 76 | 1105 | | | .3 | | 400 | 1.50 | 7.0 | | | | | | | |
| 15 06 | 76 | 0630 | | | .3 | | 320 | 1.60 | 5.5 | | | | | | | |
| 13 07 | 76 | 0800 | | | .3 | | 285 | 2.30 | 0.6 | | | | | | | |
| 10 08 | 76 | 1000 | | | .3 | | 234 | 0.8 | 5.9 | | | | | | | |
| 14 09 | 76 | 1045 | | | .3 | | 240 | 1.60 | 6.8 | | | | | | | |
| 12 10 | 76 | 1100 | | | .3 | | 240 | 1.20 | 6.5 | | | | | | | |
| 10 11 | 76 | 0845 | | | .3 | | 265 | 0.8 | 6.2 | | | | | | | |
| 14 12 | 76 | 0950 | | | .3 | | 475 | 1.50 | 9.0 | | | | | | | |
| | | | | | | | 590 | 5.20 | 10.0 | | | | | | | |
| AVG OR GEOM MN (") | | | | | | | 370 | 1.84 | 6.7 | | | | | | | |
| MINIMUM | | | | | | | 234 | 0.8 | 0.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: GRINDSTONE CREEK
 SAMPLE POINT: HIGHWAY 2, BAYVIEW, HAMILTON HARBOUR
 STATION TYPE: RIVER FLOW GAUGE FED 02HBO12

STATION ID: 09-0009-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: GRINDSTONE CREEK

STORET CODE: 02
 004
 4580

| STN NO | 1 | LAT | LONG | U.T.M. 17 0590500.0 4793675.0 4 | REGION 02 | MILEAGE | 0.30 | | | | | | | | |
|----------|------|----------|---------|---------------------------------|-----------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE | HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 21 01 76 | 1015 | | | .3 | | 30214 | 4 | 17.00 | 2700. | 730. | 180. | | 1.0 | 13.0 | 1.8 |
| 25 02 76 | 1300 | | | .3 | | 30232 | 8 | 159.00 | 2700. | 130. | 10. L | | 2.0 | 13.0 | 1.6 |
| 17 03 76 | 1415 | | | .3 | | 30250 | 8 | 65.40 | | | | | 1.0 | 15.0 | 1.8 |
| 21 04 76 | 1400 | | | .3 | | 30268 | 8 | 21.50 | 500. | 220. | 208. | | 15.0 | 7.0 | 2.4 |
| 26 05 76 | 1300 | | | .3 | | 30286 | 8 6 | 17.00 | 4000. | 60. | 80. | | | | 2.6 |
| 16 06 76 | 1430 | | | .3 | | 30304 | 8 6 | 6.90 | 6000. | | 100. | | 20.0 | 7.0 | 8.0 |
| 14 07 76 | 1400 | | | .3 | | 30322 | 8 6 | 9.50 | 10000. L | | 36. | | 20.5 | 5.0 | 4.6 |
| 10 08 76 | 1230 | | | .3 | | 30340 | 6 8 | 7.10 | 100. L | 1. | 4. | | 18.0 | 10.0 | 0.8 |
| 22 09 76 | 0930 | | | .3 | | 30358 | 8 | 15.90 | 8500. | 520. | 484. | | 13.0 | 9.0 | 2.8 |
| 19 10 76 | 0930 | | | .3 | | 30376 | 8 | 9.40 | 180. | 40. | 30. | | 7.0 | 11.0 | 4.0 |
| 23 11 76 | 1330 | | | .3 | | 30394 | 4 | 6.90 | 750. | 88. | 32. | | 0.0 | 5.0 | 1.4 |
| 20 12 76 | 1330 | | | .3 | | 30412 | | 13.00 | 11000E+1 | 3800. | 1660. | | 0.0 | 5.0 | 10.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE | HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|----------|------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 01 76 | 1015 | | | .3 | | 0.068 | | 0.400 | 0.620 | 0.022 | 2.600 | | | | |
| 25 02 76 | 1300 | | | .3 | | 0.091 | 0.022 | 0.050 | 0.750 | 0.016 | 1.710 | 383.0 | 42.0 | | |
| 17 03 76 | 1415 | | | .3 | | 0.056 | 0.024 | 0.096 | 0.620 | 0.009 | 1.750 | 391.0 | 12.0 | | |
| 21 04 76 | 1400 | | | .3 | | 0.300 | 0.012 | 0.500 | 2.340 | 0.077 | 0.903 | 537.0 | 168.0 | | |
| 26 05 76 | 1300 | | | .3 | | 0.166 | 0.022 | 0.052 | 1.360 | 0.032 | 1.320 | 501.0 | 56.0 | | |
| 16 06 76 | 1430 | | | .3 | | 0.258 | 0.026 | 0.224 | 1.860 | 0.175 | 1.130 | 537.0 | 84.0 | | |
| 14 07 76 | 1400 | | | .3 | | 0.083 | 0.043 | 0.346 | 0.690 | 0.095 | 1.160 | 494.0 | 50.0 | | |
| 10 08 76 | 1230 | | | .3 | | 0.114 | 0.032 | 0.008 | 1.060 | 0.067 | 1.260 | 472.0 | 17.0 | | |
| 22 09 76 | 0930 | | | .3 | | 0.262 | 0.083 | 0.198 | 1.360 | 0.050 | 1.060 | 508.0 | 90.0 | | |
| 19 10 76 | 0930 | | | .3 | | 0.128 | 0.071 | 0.002L | 0.940 | 0.070 | 1.830 | 515.0 | 39.0 | | |
| 23 11 76 | 1330 | | | .3 | | 0.180 | 0.160 | 0.010 | 0.280 | 0.015 | 3.490 | 489.0 | 8.1 | | |
| 20 12 76 | 1330 | | | .3 | | 0.650 | 0.210 | 0.276 | 2.280 | 0.061 | 1.800 | 829.0 | 207.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE | HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|----------|------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 02 76 | 1300 | | | .3 | | 500 | 26.00 | 33.5 | | | | | | | |
| 17 03 76 | 1415 | | | .3 | | 560 | 11.00 | 40.0 | | | | | | | |
| 21 04 76 | 1400 | | | .3 | | 600 | 75.00 | 47.0 | | | | | | | |
| 26 05 76 | 1300 | | | .3 | | 650 | 33.00 | 37.5 | | | | | | | |
| 16 06 76 | 1430 | | | .3 | | 660 | 45.00 | 52.0 | | | | | | | |
| 14 07 76 | 1400 | | | .3 | | 630 | 36.00 | 48.5 | | | | | | | |
| 10 08 76 | 1230 | | | .3 | | 658 | 15.00 | 51.0 | | | | | | | |
| 22 09 76 | 0930 | | | .3 | | 620 | 75.00 | 38.5 | | | | | | | |
| 19 10 76 | 0930 | | | .3 | | 720 | 25.00 | 51.0 | | | | | | | |
| 23 11 76 | 1330 | | | .3 | | 760 | 9.50 | 48.5 | | | | | | | |
| 20 12 76 | 1330 | | | .3 | | 940 | 210.00 | 155.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: GRINDSTONE CREEK
 SAMPLE POINT: WATERDOWN ROAD, WATERDOWN
 STATION TYPE: RIVER

STATION ID: 09-0009-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: GRINDSTONE CREEK

STORET CODE: 02
 004
 4580

| STN NO | 2 | LAT | LONG | U.T.M. | 17 0590150.0 4797950.0 4 | REGION 03 | MILEAGE | 4.50 | | | | | | |
|--------------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 21 01 76 0945 | .3 | | | | 30215 | 6 | | 4200. | 620. | 360. | | 0.0 | 14.0 | 1.8 |
| 25 02 76 1330 | .3 | | | | 30233 | 6 | | 13200. | 40. | 80. | | 0.0 | 12.0 | 2.4 |
| 17 03 76 1430 | .3 | | | | 30251 | 6 8 | | | | | | 0.0 | 14.0 | 1.8 |
| 21 04 76 1415 | .3 | | | | 30269 | 6 8 | | 3200. | 12. | 124. | | 12.0 | 11.0 | 1.4 |
| 26 05 76 1330 | .3 | | | | 30287 | 6 8 | | 2600. | 196. | 68. | | | | 1.2 |
| 16 06 76 1500 | .3 | | | | 30305 | 6 8 | | 98000. | | 1500. | G | 20.0 | 5.0 | 10.0 |
| 14 07 76 1430 | .3 | | | | 30323 | 6 8 | | 2000. | | 90. | | 17.0 | 4.0 | 1.2 |
| 10 08 76 1300 | .3 | | | | 30341 | 6 8 | | 2500. | 1. | 92. | | 19.0 | 10.0 | 1.0 |
| 22 09 76 0915 | .3 | | | | 30359 | 8 | | 3500. | 336. | 576. | | 12.0 | 11.0 | 2.0 |
| 19 10 76 0900 | .3 | | | | 30377 | 8 | | 400. | 120. | 50. | | 5.0 | 12.0 | 1.6 |
| 23 11 76 1400 | .3 | | | | 30395 | 8 | | 330. | 20. | 10. | | 2.0 | 5.0 | 0.4 |
| 20 12 76 1300 | .3 | | | | 30413 | | | 10000. | 1400. | 1080. | | 0.5 | 7.0 | 4.0 |
| MAXIMUM | | | | | | | | 98000. | 1400. | 1500. | | 20.0 | 14.0 | 10.0 |
| AVG OR GEOM MN (*) | | | | | | | | 3525.* | 74.* | 151.* U | | 8.0 | 9.5 | 2.4 |
| MINIMUM | | | | | | | | 330. | 1. | 10. | | 0.0 | 4.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 9 | 11 | | 11 | 11 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 21 01 76 0945 | .3 | | | | 0.076 | 0.010 | 0.110 | 0.920 | 0.017 | 2.200 | 517.0 | 4.0 | | |
| 25 02 76 1330 | .3 | | | | 0.078 | 0.017 | 0.016 | 0.720 | 0.014 | 1.500 | 345.0 | 29.0 | | |
| 17 03 76 1430 | .3 | | | | 0.049 | 0.006 | 0.006 | 0.750 | 0.006 | 1.700 | 341.0 | 10.0 | | |
| 21 04 76 1415 | .3 | | | | 0.035 | 0.007 | 0.002L | 0.970 | 0.013 | 1.600 | 430.0 | 8.0 | | |
| 26 05 76 1330 | .3 | | | | 0.043 | 0.007 | 0.018 | 1.020 | 0.011 | 1.740 | 427.0 | 6.9 | | |
| 16 06 76 1500 | .3 | | | | 0.041 | 0.004 | 0.020 | 0.860 | 0.020 | 2.780 | 481.0 | 7.0 | | |
| 14 07 76 1430 | .3 | | | | 0.046 | 0.013 | 0.016 | 0.850 | 0.006 | 2.590 | 489.0 | 9.7 | | |
| 10 08 76 1300 | .3 | | | | 0.038 | 0.019 | 0.010 | 0.580 | 0.010 | 3.600 | 470.0 | 6.1 | | |
| 22 09 76 0915 | .3 | | | | 0.118 | 0.037 | 0.024 | 1.000 | 0.010 | 1.340 | 468.0 | 34.0 | | |
| 19 10 76 0900 | .3 | | | | 0.030 | 0.008 | 0.002 | 0.760 | 0.007 | 2.440 | 490.0 | 13.0 | | |
| 23 11 76 1400 | .3 | | | | 0.018 | 0.004 | 0.002L | 0.750 | 0.008 | 2.940 | 437.0 | 1.9 | | |
| 20 12 76 1300 | .3 | | | | 0.170 | 0.048 | 0.106 | 1.020 | 0.036 | 2.630 | 505.0 | 63.0 | | |
| MAXIMUM | | | | | 0.170 | 0.048 | 0.110 | 1.020 | 0.036 | 3.600 | 517.0 | 63.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.062 | 0.015 | 0.028D | 0.850 | 0.013 | 2.278 | 450.0 | 16.1 | | |
| MINIMUM | | | | | 0.018 | 0.004 | 0.002 | 0.580 | 0.006 | 1.340 | 341.0 | 1.9 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 21 01 76 0945 | .3 | | | | 750 | 18.00 | 32.5 | | | | | | | |
| 25 02 76 1330 | .3 | | | | 450 | 20.00 | 23.0 | | | | | | | |
| 17 03 76 1430 | .3 | | | | 500 | 3.50 | 26.5 | | | | | | | |
| 21 04 76 1415 | .3 | | | | 600 | 43.00 | 28.5 | | | | | | | |
| 26 05 76 1330 | .3 | | | | 600 | 2.20 | 25.0 | | | | | | | |
| 16 06 76 1500 | .3 | | | | 630 | 5.50 | 35.5 | | | | | | | |
| 14 07 76 1430 | .3 | | | | 645 | 7.50 | 35.0 | | | | | | | |
| 10 08 76 1300 | .3 | | | | 650 | 3.90 | 33.0 | | | | | | | |
| 22 09 76 0915 | .3 | | | | 600 | 26.00 | 30.5 | | | | | | | |
| 19 10 76 0900 | .3 | | | | 700 | 15.00 | 36.0 | | | | | | | |
| 23 11 76 1400 | .3 | | | | 690 | 2.00 | 34.0 | | | | | | | |
| 20 12 76 1300 | .3 | | | | 650 | 76.00 | 18.0 | | | | | | | |
| MAXIMUM | | | | | 750 | 76.00 | 36.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 622 | 18.55 | 29.8 | | | | | | | |
| MINIMUM | | | | | 450 | 2.00 | 18.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: TURKEY CREEK
 SAMPLE POINT: AT WINDSOR SUBURBAN ROAD 40
 STATION TYPE: RIVER

STATION ID. 10-0001-002-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: TURKEY CREEK

STORET CODE: 02
 003
 2740

| STN NO | 2 | LAT | LONG | U.T.M. 17 0329400.0 4679200.0 4 | REGION 01 | MILEAGE | 2.40 | | | | | | | |
|--------------------|------|-----------|------|---------------------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|-------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. MG/L | 5-DAY BOD MG/L | |
| 16 02 76 1150 | .3 | | | 21054 | 6 | | 62000E+1 | 8500. | 4100. | 160. | 3.4 | 10.4 | 5.6 | |
| 16 03 76 1245 | .3 | | | 21097 | 6 | | 46000E+1 | 19000. | 4300. | 160. | 5.8 | 9.1 | 54.0 | |
| 04 05 76 1620 | .3 | | | 21139 | 6 | | 68000. | 6000. | 4. | 60. | 15.9 | 8.0 | 62.0 | |
| 22 06 76 1610 | .3 | | | 21255 | 6 | | 13000E+1 | 1500. | 330. | 680. | 25.0 | 3.4 | 14.0 | |
| 19 07 76 1602 | .3 | | | 21304 | 6 | | 17000E+2 | 40000. | 510. | 95. | 25.1 | 5.6 | 7.0 | |
| 09 08 76 1538 | .3 | | | 21355 | 6 | | 16000E+2 | 34000. | 1070. | 1400. | 22.8 | 6.2 | 6.8 | |
| 06 10 76 1530 | .3 | | | 21426 | 6 | | 15000E+2 | 50000. | 11600. | | 18.0 | 5.0 | 17. | |
| 18 10 76 1435 | .3 | | | 21455 | 6 | | 24000E+2 | 12000E+1 | 11000. | 890. | 10.1 | 6.8 | 13.6 | |
| 15 11 76 1540 | .3 | | | 21517 | 6 | | 41000E+2 | 12000. | 430. | 720. | 4.8 | 10.6 | 14.4 | |
| 06 12 76 1605 | .3 | | | 21565 | 6 | | 95000E+1 | 600. | 1700. | 392. | 4.1 | 6.8 | 20.8 | |
| MAXIMUM | | | | | | | 41000E+2 | 12000E+1 | 11600. | 1400. | 25.1 | 10.6 | 62.0 | |
| AVG OR GEOM MN (*) | | | | | | | 79111E+1 | 12393.* | 1017.* | 320.* | 13.5 | 7.2 | 21.5 | |
| MINIMUM | | | | | | | 68000. | 600. | 4. | 60. | 3.4 | 3.4 | 5.6 | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 9 | 10 | 10 | 10 | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 | |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L | |
| 16 02 76 1150 | .3 | | | 0.282 | 0.185 | 0.880 | 1.890 | 0.057 | 2.600 | 570.0 | 74.0 | | | |
| 16 03 76 1245 | .3 | | | 0.950 | 0.920 | 3.050 | 3.950 | 0.320 | 1.600 | 666.0 | 26.5 | | | |
| 04 05 76 1620 | .3 | | | 2.900 | 1.950 | 2.630 | 4.400 | 0.008 | 0.010L | 550.0 | 16.5 | | | |
| 22 06 76 1610 | .3 | | | 1.800 | 1.610 | 4.650 | 6.200 | 0.120 | 0.230 | 510.0 | 15.0L | | | |
| 19 07 76 1602 | .3 | | | 2.750 | 2.150 | 5.900 | 10.800 | 10.900 | 10.100 | 378.0 | 5.0 | | | |
| 09 08 76 1538 | .3 | | | 2.520 | 2.300 | 10.600 | 12.300 | 0.100 | 0.130 | 418.0 | 18.0 | | | |
| 06 10 76 1530 | .3 | | | 1.640 | 0.690 | 1.850 | 4.150 | 0.074 | 0.600 | 586.0 | 262.0 | | | |
| 18 10 76 1435 | .3 | | | 3.750 | 2.650 | 11.900 | 13.700 | 0.049 | 0.140 | 432.0 | 18.5 | | | |
| 15 11 76 1540 | .3 | | | 3.050 | 2.300 | 13.400 | 15.000 | 0.035 | 0.120 | 390.0 | 13.0 | | | |
| 06 12 76 1605 | .3 | | | 3.100 | 2.150 | 12.500 | 12.800 | 0.053 | 0.280 | 538.0 | 19.0 | | | |
| MAXIMUM | | | | | | | 3.750 | 2.650 | 13.400 | 15.000 | 10.900 | 10.100 | 666.0 | 262.0 |
| AVG OR GEOM MN (*) | | | | | | | 2.274 | 1.691 | 6.736 | 8.519 | 1.172 | 1.581D | 503.8 | 46.8D |
| MINIMUM | | | | | | | 0.282 | 0.185 | 0.880 | 1.890 | 0.008 | 0.010 | 378.0 | 5.0 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 | |
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L | |
| 16 02 76 1150 | .3 | | | 770 | 66.00 | 92.5 | | | | | | 5.40 | | |
| 16 03 76 1245 | .3 | | | 1000 | 18.00 | 105.0 | | | | | | | 1.400 | |
| 04 05 76 1620 | .3 | | | 830 | 10.00 | 634.0 | | | | | | | 0.200 | |
| 22 06 76 1610 | .3 | | | 800 | 11.00 | 53.0 | | | | | | | 0.790 | |
| 19 07 76 1602 | .3 | | | 740 | 5.80 | 54.0 | | | | | | | 0.790 | |
| 09 08 76 1538 | .3 | | | 740 | 12.00 | 70.0 | | | | | | | 0.660 | |
| 06 10 76 1530 | .3 | | | 413 | 210. | 30.5 | | | | | | | 13.000 | |
| 18 10 76 1435 | .3 | | | 720 | 13.00 | 53.0 | | | | | | | 0.990 | |
| 15 11 76 1540 | .3 | | | 710 | 15.00 | 49.0 | | | | | | | 0.640 | |
| 06 12 76 1605 | .3 | | | 960 | 15.00 | 13.5 | | | | | | | 1.100 | |
| MAXIMUM | | | | | | | 1000 | 210. | 634.0 | | | 5.40 | 13.000 | |
| AVG OR GEOM MN (*) | | | | | | | 768 | 37.58 | 115.5 | | | 5.40 | 2.173 | |
| MINIMUM | | | | | | | 413 | 5.80 | 13.5 | | | 5.40 | 0.200 | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | 1 | 9 | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 | |
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRABLES MG/L | |
| 16 02 76 1150 | .3 | | | 1.0L | | | | | | | | 29 | 2L | |
| 16 03 76 1245 | .3 | | | 6.0 | | | | | | | | 108 | 2 | |
| 04 05 76 1620 | .3 | | | 14.0 | | | | | | | | 128 | 9 | |
| 22 06 76 1610 | .3 | | | 12.0 | | | | | | | | 64 | 6 | |
| 19 07 76 1602 | .3 | | | 5.0 | | | | | | | | 50 | | |
| 09 08 76 1538 | .3 | | | 6.0 | | | | | | | | 64 | 2 | |
| 06 10 76 1530 | .3 | | | 70.0 | | | | | | | | 72 | 13 | |
| 18 10 76 1435 | .3 | | | 7.0 | | | | | | | | 54 | 2 | |
| 15 11 76 1540 | .3 | | | 9.0 | | | | | | | | 71 | 7 | |
| 06 12 76 1605 | .3 | | | 10.0 | | | | | | | | 95 | 7 | |
| MAXIMUM | | | | | | | 70.0 | | | | | 128 | 13 | |
| AVG OR GEOM MN (*) | | | | | | | 14.0D | | | | | 74 | 6D | |
| MINIMUM | | | | | | | 1.0 | | | | | 29 | 2 | |
| NO OF SAMPLES | | | | | | | 10 | | | | | 10 | 9 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 259 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 16 | 02 | 76 | 1150 | | | | .3 | | | 6.500 | | 0.030 | | | 0.080 | | 0.030 |
| 16 | 03 | 76 | 1245 | | | | .3 | | | | | 0.030 | | | 0.250 | | 5.350 |
| 04 | 05 | 76 | 1620 | | | | .3 | | | | | 0.010 | | | 0.240 | | 0.530 |
| 22 | 06 | 76 | 1610 | | | | .3 | | | | | 0.010L | | | 0.120 | | 0.430 |
| 19 | 07 | 76 | 1602 | | | | .3 | | | | | 0.020 | | | 0.090 | | 0.140 |
| 09 | 08 | 76 | 1538 | | | | .3 | | | | | 0.020 | | | 0.100 | | 1.400 |
| 06 | 10 | 76 | 1530 | | | | .3 | | | | | 0.040 | | | 0.510 | | 0.420 |
| 18 | 10 | 76 | 1435 | | | | .3 | | | | | 0.020 | | | 0.100 | | 2.000 |
| 15 | 11 | 76 | 1540 | | | | .3 | | | | | 0.010 | | | 0.220 | | 0.460 |
| 06 | 12 | 76 | 1605 | | | | .3 | | | | | 0.010 | | | 0.120 | | 0.540 |
| MAXIMUM | | | | | | | | | | 6.500 | | 0.040 | | | 0.510 | | 5.600 |
| AVG OR GEOM MN (-) | | | | | | | | | | 6.500 | | 0.0200 | | | 0.183 | | 1.165 |
| MINIMUM | | | | | | | | | | 6.500 | | 0.010 | | | 0.060 | | 0.030 |
| NO OF SAMPLES | | | | | | | | | | 1 | | 10 | | | 10 | | 10 |

B.O.W. / SITE: CANARD RIVER
SAMPLE POINT: 2 MILES SOUTH OF LUKERVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02GH002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CANARD RIVER

STATION ID: 10-0002-002-02

STORET CODE: 02
003
2700

| STN NO | 2 | LAT | LONG | U.T.M. 17 0333250.0 4669200.0 4 | REGION 01 | MILEAGE | 7.50 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 86 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 19 | 01 | 76 | 1345 | | | | .3 | 21007 | 4 | | 18000. | 470. | 200. | 0. | 0.8 | 6.0 | 1.0 |
| 16 | 02 | 76 | 1120 | | | | .3 | 21053 | 6 | | 23000. | 820. | 5600. | 48. | 0.5 | 9.4 | 4.8 |
| 16 | 03 | 76 | 1205 | | | | .3 | 21096 | 6 | | 5100. | 220. | 360. | 4. | 4.5 | 11.9 | 1.4 |
| 04 | 05 | 76 | 1540 | | | | .3 | 21138 | 6 | | 3000. | 48. | 52. | 4. | 13.7 | 9.6 | 2.6 |
| 18 | 05 | 76 | 1500 | | | | .3 | 21190 | 6 | | 56000. | 830. | 360. | 44. | 15.0 | 8.6 | 9.2 |
| 22 | 06 | 76 | 1535 | | | | .3 | 21254 | 6 | | 70. | 12. | 12. | 4. | 25.3 | 17.4 | 4.6 |
| 19 | 07 | 76 | 1525 | | | | .3 | 21303 | 6 | | 230. | 64. | 252. | 4. | 26.0 | 10.6 | 2.0 |
| 09 | 08 | 76 | 1505 | | | | .3 | 21354 | 6 | | 410. | 52. | 24. | 4. | 23.0 | 10.9 | 0.4 |
| 06 | 10 | 76 | 1510 | | | | .3 | 21425 | 6 | | 13000. | 1700. | 2400. | 640. | 17.0 | 8.9 | 2.0 |
| 18 | 10 | 76 | 1400 | | | | .3 | 21454 | 6 | | 260. | 4. | 600. | | 9.9 | 10.8 | 2.6 |
| 15 | 11 | 76 | 1505 | | | | .3 | 21516 | 4 | | 30. | 4. | 4. | 4. | 3.0 | 19.6 | 1.8 |
| 06 | 12 | 76 | 1540 | | | | .3 | 21564 | 4 | | 440. | 90. | 4. | 4. | 3.2 | 8.4 | 12.0 |
| MAXIMUM | | | | | | | | | | | 56000. | 1700. | 5600. | 640. | 26.0 | 19.6 | 12.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 1473. | 93. | 124. | 9. | 11.8 | 11.0 | 3.7 |
| MINIMUM | | | | | | | | | | | 30. | 4. | 4. | 0. | 0.5 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 19 | 01 | 76 | 1345 | | | | .3 | 0.149 | 0.117 | 0.735 | 1.050 | 0.027 | 1.430 | 874.0 | 15.0L | | |
| 16 | 02 | 76 | 1120 | | | | .3 | 0.214 | 0.165 | 0.290 | 1.290 | 0.055 | 1.480 | 214.0 | 30.5 | | |
| 16 | 03 | 76 | 1205 | | | | .3 | 0.228 | 0.171 | 0.185 | 1.170 | 0.045 | 1.900 | 520.0 | 33.0 | | |
| 04 | 05 | 76 | 1540 | | | | .3 | 0.200 | 0.062 | 0.160 | 1.400 | 0.075 | 2.300 | 690.0 | 45.0 | | |
| 18 | 05 | 76 | 1500 | | | | .3 | 0.153 | 0.091 | 0.135 | 1.250 | 0.106 | 1.800 | 516.0 | 79.5 | | |
| 22 | 06 | 76 | 1535 | | | | .3 | 0.135 | 0.011 | 0.135 | 0.885 | 0.530 | 7.200 | 936.0 | 50.0 | | |
| 19 | 07 | 76 | 1525 | | | | .3 | 0.150 | 0.038 | 0.085 | 1.050 | 0.037 | 0.100L | 2120.0 | 56.0 | | |
| 09 | 08 | 76 | 1505 | | | | .3 | | 0.001L | 0.345 | | 0.010 | 0.010L | 3350.0 | 18.5 | | |
| 06 | 10 | 76 | 1510 | | | | .3 | 0.126 | 0.019 | 0.215 | 0.990 | 0.022 | 0.300 | 1822.0 | 261.0 | | |
| 18 | 10 | 76 | 1400 | | | | .3 | 0.089 | 0.005 | 0.170 | 1.200 | 0.023 | 0.150 | 1720.0 | 28.0 | | |
| 15 | 11 | 76 | 1505 | | | | .3 | 0.063 | 0.021 | 0.015 | 0.815 | 0.004 | 0.010L | 554.0 | 15.0L | | |
| 06 | 12 | 76 | 1540 | | | | .3 | 0.200 | 0.007 | 0.005 | 1.850 | 0.009 | 0.080 | 942.0 | 14.0 | | |
| MAXIMUM | | | | | | | | 0.228 | 0.171 | 0.735 | 1.850 | 0.530 | 7.200 | 3350.0 | 261.0 | | |
| AVG OR GEOM MN (-) | | | | | | | | 0.155 | 0.059D | 0.206 | 1.177 | 0.079 | 1.412D | 1188.2 | 53.8D | | |
| MINIMUM | | | | | | | | 0.063 | 0.001 | 0.005 | 0.815 | 0.004 | 0.010 | 214.0 | 14.0 | | |
| NO OF SAMPLES | | | | | | | | 11 | 12 | 12 | 11 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 19 | 01 | 76 | 1345 | | | | .3 | 1060 | 12.00 | 72.0 | | | | | | | |
| 16 | 02 | 76 | 1120 | | | | .3 | 204 | 84.00 | 12.5 | | | | | | | |
| 16 | 03 | 76 | 1205 | | | | .3 | 560 | 88.00 | 28.0 | | | | | | | |
| 04 | 05 | 76 | 1540 | | | | .3 | 800 | 62.00 | 47.0 | | | | | | | |
| 18 | 05 | 76 | 1500 | | | | .3 | 600 | 7.20 | 30.5 | | | | | | | |
| 22 | 06 | 76 | 1535 | | | | .3 | 1150 | 35.00 | 90.0 | | | | | | | |
| 19 | 07 | 76 | 1525 | | | | .3 | 2400 | 53.00 | 245.0 | | | | | | | |
| 09 | 08 | 76 | 1505 | | | | .3 | 3550 | 11.00 | 360.0 | | | | | | | |
| 06 | 10 | 76 | 1510 | | | | .3 | 1910 | 230.00 | 195.0 | | | | | | | |
| 18 | 10 | 76 | 1400 | | | | .3 | 1990 | 26.00 | 180.0 | | | | | | | |
| 15 | 11 | 76 | 1505 | | | | .3 | 1010 | 5.20 | 120.0 | | | | | | | |
| 06 | 12 | 76 | 1540 | | | | .3 | 1300 | 10.00 | 130.0 | | | | | | | |
| MAXIMUM | | | | | | | | 3550 | 230.00 | 360.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 1378 | 51.95 | 125.8 | | | | | | | |
| MINIMUM | | | | | | | | 204 | 5.20 | 12.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: CHIPPAWA CANAL
SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
STATION TYPE: RIVER

STATION ID: 11-0001-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

| STN NO | 1 | LAT | LONG | U.T.M. 17 0656075.0 4776300.0 4 | REGION 02 | MILEAGE | 2.40 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|---------|--------|-----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BCD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 22 01 76 1320 | | | .3 | | 31334 | 6 | | | | | | 0.0 | 17.1 | 0.6 |
| 23 02 76 1030 | | | .3 | | 31374 | 3 | | 10000. | 900. | 600. | | 0.0 | 13.8 | 1.4 |
| 16 03 76 1200 | | | .3 | | 31414 | 6 | | 2460. | 430. | 160. | | 0.0 | 14.9 | 0.4 |
| 22 04 76 1350 | | | .3 | | 31454 | 6 | | 22200. | 3100. | 630. | | 7.0 | 10.1 | 1.6 |
| 18 05 76 1045 | | | .3 | | 31494 | 6 | | 3500. | 596. | 228. | | 10.0 | 12.5 | 1.2 |
| 15 06 76 1150 | | | .3 | | 31535 | 6 | | 8800. | | 30. | | 19.0 | 10.7 | 1.0 |
| 20 07 76 1145 | | | .3 | | 31575 | 6 | | 1000. | | 10. | L | 21.0 | 7.5 | 2.2 |
| 19 08 76 1200 | | | .3 | | 31612 | 6 | | 10400. | | 144. | | 20.5 | 8.0 | 1.4 |
| 29 09 76 1245 | | | .3 | | 31649 | 6 | | 2300. | 410. | 600. | | 16.5 | 8.5 | 1.2 |
| 19 10 76 1110 | | | .3 | | 31685 | 6 | | 170. | 1. | 1. | | 9.0 | 11.1 | 1.8 |
| 24 11 76 1050 | | | .3 | | 31711 | 6 | | 11400E+1 | 2400. | 280. | | 2.0 | 12.4 | 1.0 |
| 14 12 76 1045 | | | .3 | | 31751 | 6 | | 9000. | 800. | 100. | | 0.0 | 14.0 | 1.4 |
| MAXIMUM | | | | | | | | 11400E+1 | 3100. | 630. | | 21.0 | 17.1 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | 5169.* | 392.* | 100.* | D | 8.8 | 11.7 | 1.3 |
| MINIMUM | | | | | | | | 170. | 1. | 1. | | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 8 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 22 01 76 1320 | | | .3 | | 0.043 | 0.014 | 0.180 | 0.570 | 0.004 | 0.360 | 221.0 | 10.0 | | 211 |
| 23 02 76 1030 | | | .3 | | 0.120 | 0.045 | 0.194 | 0.820 | 0.018 | 0.672 | 230.0 | 28.0 | | 202 |
| 16 03 76 1200 | | | .3 | | 0.035 | 0.013 | 0.224 | 0.580 | 0.006 | 0.579 | 215.0 | 4.3 | | 211 |
| 22 04 76 1350 | | | .3 | | 0.039 | 0.011 | 0.436 | 0.930 | 0.006 | 0.529 | | 7.5 | | 192 |
| 18 05 76 1045 | | | .3 | | 0.042 | 0.011 | 0.250 | 0.880 | 0.009 | 0.451 | 216.0 | 11.0 | | |
| 15 06 76 1150 | | | .3 | | 0.042 | 0.023 | 0.440 | 1.030 | 0.007 | 0.703 | 210.0 | 4.8 | | |
| 20 07 76 1145 | | | .3 | | 0.037 | 0.012 | 0.550 | 0.990 | 0.005 | 0.600 | 211.0 | 9.0 | | |
| 19 08 76 1200 | | | .3 | | 0.042 | 0.006 | 0.290 | 0.880 | 0.006 | 0.149 | 216.0 | 7.6 | | |
| 29 09 76 1245 | | | .3 | | 0.026 | 0.006 | 0.078 | 0.470 | 0.003 | 0.152 | 211.0 | 9.0 | | |
| 19 10 76 1110 | | | .3 | | 0.041 | 0.015 | 0.860 | 1.700 | 0.006 | 0.554 | 218.0 | 10.0 | | |
| 24 11 76 1050 | | | .3 | | 0.062 | 0.010 | 0.202 | 0.840 | 0.001 | 0.234 | 238.0 | 33.0 | | |
| 14 12 76 1045 | | | .3 | | 0.049 | 0.012 | 0.178 | 0.600 | 0.001 | 0.169 | 229.0 | 21.0 | | |
| MAXIMUM | | | | | 0.120 | 0.045 | 0.860 | 1.700 | 0.018 | 0.703 | 238.0 | 33.0 | | 211 |
| AVG OR GEOM MN (*) | | | | | 0.048 | 0.015 | 0.324 | 0.858 | 0.006 | 0.429 | 219.5 | 12.9 | | 204 |
| MINIMUM | | | | | 0.026 | 0.006 | 0.078 | 0.470 | 0.001 | 0.149 | 210.0 | 4.3 | | 192 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 12 | | 4 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 22 01 76 1320 | | | .3 | | 325 | 15.00 | 23.5 | | | 2.0 | 82 | 8.00 | 1.40 | |
| 23 02 76 1030 | | | .3 | | 310 | 45.00 | 21.0 | | | 4.0 | 89 | 8.10 | 2.70 | |
| 16 03 76 1200 | | | .3 | | 325 | 6.00 | 22.5 | | | 0.0 | 98 | 8.20 | 0.40 | |
| 22 04 76 1350 | | | .3 | | 295 | 6.10 | 21.0 | | | 1.0 | 92 | 8.00 | | 0.160 |
| 18 05 76 1045 | | | .3 | | 315 | 9.70 | 20.5 | | | 0.0 | 94 | 8.37 | | 0.540 |
| 15 06 76 1150 | | | .3 | | 315 | 4.50 | 24.0 | | | 0.2 | 93 | 8.38 | | 0.360 |
| 20 07 76 1145 | | | .3 | | 310 | 5.60 | 21.5 | | | 0.8 | 96 | 8.21 | | 0.310 |
| 19 08 76 1200 | | | .3 | | 320 | 2.80 | 21.5 | | | | | | | |
| 29 09 76 1245 | | | .3 | | 310 | 10.00 | 22.0 | | | 1.3 | 94 | 8.26 | | 0.280 |
| 19 10 76 1110 | | | .3 | | 320 | 3.50 | 22.5 | | | 0.0 | 98 | 8.32 | | 0.220 |
| 24 11 76 1050 | | | .3 | | 315 | 27.00 | 22.5 | | | 8.4 | 101 | 8.10 | | 1.000 |
| 14 12 76 1045 | | | .3 | | 320 | 18.00 | 24.0 | | | 2.0 | 100 | 8.20 | | 0.750 |
| MAXIMUM | | | | | 325 | 45.00 | 24.0 | | | 8.4 | 101 | 8.38 | 2.70 | 1.000 |
| AVG OR GEOM MN (*) | | | | | 315 | 12.77 | 22.2 | | | 1.8 | 94 | 8.20 | 1.50 | 0.453 |
| MINIMUM | | | | | 295 | 2.80 | 20.5 | | | 0.0 | 82 | 8.00 | 0.40 | 0.160 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | 11 | 11 | 11 | 3 | 8 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | CAS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 22 01 76 1320 | | | .3 | | | 132.0 | | | 10 | | | | | |
| 23 02 76 1030 | | | .3 | | | 125.0 | | | | | | | | |
| 16 03 76 1200 | | | .3 | | | 137.0 | | | 5L | | | | | |
| 22 04 76 1350 | | | .3 | | | 129.0 | | | 5L | | | | | |
| 18 05 76 1045 | | | .3 | | | 235.0 | | | 5L | | | | | |
| 15 06 76 1150 | | | .3 | | | 146.0 | | | 5 | | | | | |
| 20 07 76 1145 | | | .3 | | | 134.0 | 40.00 | 8.40 | 5 | | | | | |
| 19 08 76 1200 | | | .3 | | | 127.0 | 37.00 | 8.50 | 5 | | | | | |
| 29 09 76 1245 | | | .3 | | | 142.0 | 42.00 | 9.00 | 10 | | | | | |
| 19 10 76 1110 | | | .3 | | | 124.0 | 35.00 | 9.00 | 20 | | | | | |
| 24 11 76 1050 | | | .3 | | 1.0L | 124.0 | 35.00 | 9.00 | 30 | | | | | |
| 14 12 76 1045 | | | .3 | | | 139.0 | 41.00 | 9.00 | | | | | | |
| MAXIMUM | | | | | 1.0 | 235.0 | 42.00 | 9.00 | 30 | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.00 | 142.7 | 39.00 | 8.78 | 100 | | | | | |
| MINIMUM | | | | | 1.0 | 124.0 | 35.00 | 8.40 | 5 | | | | | |
| NO OF SAMPLES | | | | | 1 | 11 | 5 | 5 | 10 | | | | | |

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: AT MONTROSE BRIDGE
STATION TYPE: RIVER

STATION ID: 11-0001-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

| STN NO | 3 | LAT | LONG | U.T.M. 17 0652850.0 4767450.0 4 | REGION 02 | MILEAGE | 8.80 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|---------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 * TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 605 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 01 76 1400 | | | .3 | | 31335 | 4 | | | | | | 0.0 | 14.0 | 0.4 |
| 23 02 76 1130 | | | .3 | | 31375 | 3 9 | | 7000. | 500. | 800. | | 0.0 | 11.7 | 2.0 |
| 23 03 76 1130 | | | .3 | | 31415 | 3 | | 2400. | 180. | 330. | | 3.5 | 12.4 | 1.2 |
| 22 04 76 1430 | | | .3 | | 31455 | 6 | | 9000. | 580. | 50. | | 10.5 | 10.0 | 2.2 |
| 18 05 76 1145 | | | .3 | | 31495 | 6 | | 12500. | 1900. | 1030. | | 14.0 | 9.2 | 1.0 |
| 15 06 76 1130 | | | .3 | | 31536 | 6 | | 87000. | | 30. | | 20.5 | 8.9 | 2.2 |
| 20 07 76 1305 | | | .3 | | 31576 | 6 | | 100. | L | 20. | | 21.5 | 7.8 | 2.0 |
| 19 08 76 1250 | | | .3 | | 31613 | 6 | | 100. | L | 8. | | 22.0 | 7.8 | 1.0 |
| 29 09 76 1320 | | | .3 | | 31650 | 6 | | 1000. | 1200. | 10. | L | 16.0 | 8.3 | 0.9 |
| 19 10 76 1140 | | | .3 | | 31686 | 6 | | 3100. | 50. | 10. | | 10.5 | 9.1 | 1.6 |
| 24 11 76 1120 | | | .3 | | 31712 | 6 9 | | 8200. | 1600. | 252. | | 2.0 | 12.0 | 1.6 |
| 14 12 76 1115 | | | .3 | | 31752 | 6 | | 1500. | 100. | 220. | | 0.0 | 13.2 | 1.0 |
| | | | | | MAXIMUM | | | 87000. | 1900. | 1030. | | 22.0 | 14.0 | 2.2 |
| | | | | | AVG OR GEOM MN (*) | | | 2730. * D | 419. * D | 74. * D | | 10.0 | 10.4 | 1.4 |
| | | | | | MINIMUM | | | 100. | 50. | 8. | | 0.0 | 7.8 | 0.4 |
| | | | | | NO OF SAMPLES | | | 11 | 8 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 22 01 76 1400 | | | .3 | | 0.150 | 0.080 | 1.600 | 2.700 | 0.017 | 1.700 | 259.0 | 8.7 | | 250 |
| 23 02 76 1130 | | | .3 | | 0.420 | 0.150 | 0.470 | 2.050 | 0.067 | 2.080 | 182.0 | 26.0 | | 156 |
| 23 03 76 1130 | | | .3 | | 0.242 | 0.115 | 1.960 | 8.150 | 0.043 | 2.310 | 264.0 | 30.0 | | 234 |
| 22 04 76 1430 | | | .3 | | 0.104 | 0.037 | 1.270 | 2.750 | 0.021 | 0.819 | 238.0 | 14.0 | | 224 |
| 18 05 76 1145 | | | .3 | | 0.186 | 0.084 | 2.640 | 4.000 | 0.048 | 1.700 | 269.0 | 45.0 | | 224 |
| 15 06 76 1130 | | | .3 | | 0.140 | 0.086 | 3.500 | 5.500 | 0.026 | 1.020 | 242.0 | 12.0 | 230 | |
| 20 07 76 1305 | | | .3 | | 0.060 | 0.024 | 3.250 | 5.400 | 0.023 | 0.942 | 242.0 | 18.0 | | 224 |
| 19 08 76 1250 | | | .3 | | 0.081 | 0.039 | 17.000 | 31.300 | 0.034 | 1.720 | 240.0 | 17.0 | 223 | 260 |
| 29 09 76 1320 | | | .3 | | 0.070 | 0.009 | 0.030 | 0.500 | 0.022 | 0.678 | 244.0 | 23.0 | | 221 |
| 19 10 76 1140 | | | .3 | | 0.193 | 0.120 | 6.800 | 12.600 | 0.030 | 2.720 | 265.0 | 15.0 | | 250 |
| 24 11 76 1120 | | | .3 | | 0.098 | 0.061 | 5.850 | 8.900 | 0.013 | 3.540 | 265.0 | 8.4 | | 257 |
| 14 12 76 1115 | | | .3 | | 0.132 | 0.082 | 3.000 | 5.900 | 0.010 | 1.040 | 279.0 | 8.5 | 270 | |
| | | | | | MAXIMUM | | 17.000 | 31.300 | 0.067 | 3.540 | 279.0 | 45.0 | 270 | 260 |
| | | | | | AVG OR GEOM MN (*) | | 3.948 | 7.479 | 0.030 | 1.689 | 249.1 | 18.8 | 241 | 230 |
| | | | | | MINIMUM | | 0.030 | 0.500 | 0.010 | 0.678 | 182.0 | 8.4 | 223 | 156 |
| | | | | | NO OF SAMPLES | | 12 | 12 | 12 | 12 | 12 | 12 | 3 | 10 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 22 01 76 1400 | | | .3 | | 385 | 20.00 | 25.0 | | | 2.5 | 96 | 7.30 | 1.20 | |
| 23 02 76 1130 | | | .3 | | 240 | 200.00 | 12.5 | | | 4.4 | 56 | 7.70 | 12.00 | |
| 23 03 76 1130 | | | .3 | | 360 | 83.00 | 20.0 | 55.0 | 1.45 | | | 8.00 | 5.20 | |
| 22 04 76 1430 | | | .3 | | 345 | 16.00 | 21.5 | 34.5 | 0.05 | | | 8.10 | | 0.700 |
| 18 05 76 1145 | | | .3 | | 345 | 60.00 | 16.0 | 42.0 | 1.05 | | | 8.25 | | 3.450 |
| 15 06 76 1130 | | | .3 | | 840 | 14.00 | 24.5 | 36.5 | 0.15 | | | 8.74 | | 0.800 |
| 20 07 76 1305 | | | .3 | | 345 | 15.00 | 22.5 | 33.0 | 0.30 | | | 8.44 | | 1.300 |
| 19 08 76 1250 | | | .3 | | 400 | 9.20 | 22.5 | 35.5 | 0.35 | | | 9.00 | | 0.540 |
| 29 09 76 1320 | | | .3 | | 340 | 22.00 | 23.5 | 40.0 | 0.40 | | | 7.64 | | 1.060 |
| 19 10 76 1140 | | | .3 | | 385 | 12.00 | 235.0 | 41.0 | 0.25 | | | 8.63 | | 0.690 |
| 24 11 76 1120 | | | .3 | | 390 | 9.00 | 24.5 | 42.5 | 0.15 | | | 7.90 | | 0.720 |
| 14 12 76 1115 | | | .3 | | 430 | 14.00 | 30.0 | 50.5 | 0.30 | | | 8.30 | | 0.520 |
| | | | | | MAXIMUM | | 235.0 | 55.0 | 1.45 | 4.4 | 96 | 9.00 | 12.00 | 3.450 |
| | | | | | AVG OR GEOM MN (*) | | 39.8 | 41.1 | 0.45 | 3.5 | 76 | 8.17 | 6.13 | 1.087 |
| | | | | | MINIMUM | | 12.5 | 33.0 | 0.05 | 2.5 | 56 | 7.30 | 1.20 | 0.520 |
| | | | | | NO OF SAMPLES | | 12 | 10 | 10 | 2 | 2 | 12 | 3 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVEN EXTRLS MG/L |
| 22 01 76 1400 | | | .3 | | | 150.0 | | | 50 | | | | | |
| 23 02 76 1130 | | | .3 | | | 100.0 | | | | | | | | 2 |
| 23 03 76 1130 | | | .3 | | 1.0L | | | | | | | 3 | 36 | |
| 22 04 76 1430 | | | .3 | | 1.0L | | | | | | | 4 | 22 | |
| 18 05 76 1145 | | | .3 | | 1.0L | | | | | | | 8 | 22 | |
| 15 06 76 1130 | | | .3 | | 1.0L | | | | | | | 7 | 22 | |
| 20 07 76 1305 | | | .3 | | 1.0L | | | | | | | 10 | 48 | 1 |
| 19 08 76 1250 | | | .3 | | 1.0L | | | | | | | 13 | 24 | |
| 29 09 76 1320 | | | .3 | | 1.0L | | | | | | | 7 | 10L | |
| 19 10 76 1140 | | | .3 | | 1.0L | | | | | | | 9 | 16 | 0 |
| 24 11 76 1120 | | | .3 | | 1.0L | | | | | | | 6 | 12 | |
| 14 12 76 1115 | | | .3 | | 1.0L | | | | | | | 6 | 24 | |
| | | | | | MAXIMUM | | 1.0 | 150.0 | | 50 | | 13 | 48 | 2 |
| | | | | | AVG OR GEOM MN (*) | | 1.00 | 125.0 | | 50 | | 7 | 240 | 1 |
| | | | | | MINIMUM | | 1.0 | 100.0 | | 50 | | 3 | 10 | 0 |
| | | | | | NO OF SAMPLES | | 10 | 2 | 1 | | | 10 | 10 | 3 |

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 23 | 03 | 76 | 1130 | | | | .3 | 0.002 | 0.140L | | 0.050 | 0.040 | 0.010L | 0.010L | 0.160 | | 0.030 |
| 20 | 07 | 76 | 1305 | | | | .3 | 0.001L | 0.040L | | 0.030 | 0.010L | 0.010L | 0.010L | 0.010 | | 0.023 |
| 19 | 10 | 76 | 1140 | | | | .3 | 0.001L | 0.030L | | 0.020L | 0.020 | 0.010L | 0.005L | 0.210 | | 0.030 |
| MAXIMUM | | | | | | | | 0.002 | 0.140 | | 0.050 | 0.040 | 0.010 | 0.010 | 0.210 | | 0.030 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.070D | | 0.033D | 0.023D | 0.010D | 0.008D | 0.127 | | 0.027 |
| MINIMUM | | | | | | | | 0.001 | 0.030 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.020 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

| STN NO | 5 | LAT | LONG | U.T.M. 17 0645650.0 4765450.0 4 | | | | | | | | | | REGION 02 | MILEAGE | 14.80 | |
|--------------------|-----------|----------|----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1420 | | | .3 | | 31336 | 4 | | | | | | 0.0 | 14.2 | 0.4 |
| 23 | 02 | 76 | 1150 | | | .3 | | 31376 | 3 | | 13000. | 1300. | 800. | | 0.0 | 11.9 | 2.0 |
| 16 | 03 | 76 | 1335 | | | .3 | | 31416 | 3 | | 8000. | 110. | 580. | | 0.0 | 14.0 | 1.4 |
| 22 | 04 | 76 | 1435 | | | .3 | | 31456 | 6 9 | | 1500. G | 1500. | 1500. G | | 9.5 | 9.8 | 2.4 |
| 18 | 05 | 76 | 1200 | | | .3 | | 31496 | 6 | | 10000E+1 | 5200. | 1390. | | 14.0 | 10.0 | 1.4 |
| 15 | 06 | 76 | 1100 | | | .3 | | 31537 | 6 | | 11000. | | 100. L | | 19.0 | 9.3 | 5.0 |
| 20 | 07 | 76 | 1340 | | | .3 | | 31577 | 6 | | 10000. | | 10. L | | 20.5 | 8.0 | 1.4 |
| 19 | 08 | 76 | 1330 | | | .3 | | 31614 | 6 | | 2500. | | 8. | | 22.0 | 7.5 | 1.2 |
| 29 | 09 | 76 | 1330 | | | .3 | | 31651 | 6 | | 13200. | 900. | 900. | | 16.0 | 8.4 | 0.8 |
| 19 | 10 | 76 | 1205 | | | .3 | | 31687 | 6 | | 18000. | 800. | 60. | | 8.5 | 9.6 | 1.6 |
| 24 | 11 | 76 | 1130 | | | .3 | | 31713 | 6 | | 29000. | 6700. | 710. | | 2.0 | 12.5 | 1.6 |
| 14 | 12 | 76 | 1130 | | | .3 | | 31753 | 6 | | 4900. | 700. | 240. | | 0.0 | 12.6 | 1.4 |
| MAXIMUM | | | | | | | | | | | 10000E+1 | 6700. | 1500. | | 22.0 | 14.2 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 10342.* U | 1180.* | 224.* E | | 9.3 | 10.7 | 1.7 |
| MINIMUM | | | | | | | | | | | 1500. | 110. | 8. | | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 8 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1420 | | | | .3 | 0.072 | 0.017 | 0.180 | 0.780 | 0.014 | 0.670 | 255.0 | 14.0 | | 241 |
| 23 | 02 | 76 | 1150 | | | | .3 | 0.360 | 0.115 | 0.324 | 1.750 | 0.068 | 1.830 | 289.0 | 139.0 | | 150 |
| 16 | 03 | 76 | 1335 | | | | .3 | 0.165 | 0.071 | 0.274 | 1.050 | 0.037 | 0.898 | 234.0 | 23.0 | | 211 |
| 22 | 04 | 76 | 1435 | | | | .3 | 0.117 | 0.028 | 0.268 | 0.910 | 0.015 | 0.385 | 228.0 | 20.0 | | |
| 18 | 05 | 76 | 1200 | | | | .3 | 0.166 | 0.062 | 0.164 | 1.140 | 0.031 | 0.609 | 254.0 | 33.0 | | |
| 15 | 06 | 76 | 1100 | | | | .3 | 0.058 | 0.009 | 0.204 | 0.560 | 0.010 | 0.240 | 227.0 | 16.0 | | |
| 20 | 07 | 76 | 1340 | | | | .3 | 0.052 | 0.011 | 0.266 | 0.560 | 0.007 | 0.148 | 229.0 | 21.0 | | |
| 19 | 08 | 76 | 1330 | | | | .3 | 0.076 | 0.014 | 0.154 | 0.480 | 0.014 | 0.156 | 229.0 | 21.0 | | |
| 29 | 09 | 76 | 1330 | | | | .3 | 0.115 | 0.047 | 3.080 | 3.900 | 0.024 | 3.530 | 268.0 | 24.0 | | |
| 19 | 10 | 76 | 1205 | | | | .3 | 0.070 | 0.012 | 0.336 | 0.740 | 0.014 | 0.291 | 254.0 | 23.0 | | |
| 24 | 11 | 76 | 1130 | | | | .3 | 0.040 | 0.013 | 0.146 | 0.500 | 0.002 | 0.183 | 225.0 | 10.0 | | |
| 14 | 12 | 76 | 1130 | | | | .3 | 0.044 | 0.012 | 0.270 | 0.690 | 0.014 | 0.451 | 275.0 | 8.9 | | |
| MAXIMUM | | | | | | | | 0.360 | 0.115 | 3.080 | 3.900 | 0.068 | 3.530 | 289.0 | 139.0 | | 241 |
| AVG OR GEOM MN (*) | | | | | | | | 0.111 | 0.034 | 0.472 | 1.088 | 0.021 | 0.783 | 247.3 | 29.4 | | 201 |
| MINIMUM | | | | | | | | 0.040 | 0.009 | 0.146 | 0.480 | 0.002 | 0.148 | 225.0 | 8.9 | | 150 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |

| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1420 | | | | .3 | 370 | 24.00 | 25.0 | | | 4.0 | 98 | 7.30 | 2.10 | |
| 23 | 02 | 76 | 1150 | | | | .3 | 230 | 190.00 | 12.5 | | | 4.4 | 53 | 7.60 | 11.00 | |
| 16 | 03 | 76 | 1335 | | | | .3 | 325 | 15.00 | 19.5 | | | 2.7 | 83 | 8.00 | 5.00 | |
| 22 | 04 | 76 | 1435 | | | | .3 | 320 | 9.50 | 21.0 | | | 0.0 | 102 | 8.20 | | 1.200 |
| 18 | 05 | 76 | 1200 | | | | .3 | 340 | 47.00 | 17.5 | | | 2.3 | 101 | 8.02 | | 2.750 |
| 15 | 06 | 76 | 1100 | | | | .3 | 327 | 16.00 | 23.0 | | | 2.7 | 98 | 7.99 | | 1.420 |
| 20 | 07 | 76 | 1340 | | | | .3 | 320 | 14.00 | 22.5 | | | 2.1 | 99 | 8.13 | | 1.200 |
| 19 | 08 | 76 | 1330 | | | | .3 | 320 | 15.00 | 22.0 | | | | | | | 1.100 |
| 29 | 09 | 76 | 1330 | | | | .3 | 375 | 22.00 | 23.5 | | | 3.3 | 97 | 7.99 | | 1.100 |
| 19 | 10 | 76 | 1205 | | | | .3 | 355 | 17.00 | 24.0 | | | 1.0 | 102 | 8.09 | | 0.500 |
| 24 | 11 | 76 | 1130 | | | | .3 | 330 | 10.00 | 23.0 | | | 4.1 | 103 | 8.10 | | 0.500 |
| 14 | 12 | 76 | 1130 | | | | .3 | 425 | 14.00 | 31.0 | | | 2.0 | 112 | 8.10 | | 0.680 |
| MAXIMUM | | | | | | | | 425 | 190.00 | 31.0 | | | 4.4 | 112 | 8.20 | 11.00 | 2.750 |
| AVG OR GEOM MN (*) | | | | | | | | 336 | 32.79 | 22.0 | | | 2.6 | 95 | 7.96 | 6.03 | 1.244 |
| MINIMUM | | | | | | | | 230 | 9.50 | 12.5 | | | 0.0 | 53 | 7.30 | 2.10 | 0.500 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | 11 | 11 | 11 | 3 | 8 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|------|------|-------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| FEET | | | | FEET | DEPTH | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | MG/L | CAS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | | | MG/L | | MG/L |
| 22 | 01 | 76 | 1420 | | | .3 | | 144.0 | | | | | | | | |
| 23 | 02 | 76 | 1150 | | | .3 | | 96.0 | | | | | | | | |
| 16 | 03 | 76 | 1335 | | | .3 | | 136.0 | | | | | | | | |
| 22 | 04 | 76 | 1435 | | | .3 | | 145.0 | | | | | | | | |
| 18 | 05 | 76 | 1200 | | | .3 | | 230.0 | | | | | | | | |
| 15 | 06 | 76 | 1100 | | | .3 | | 152.0 | | | | | | | | |
| 20 | 07 | 76 | 1340 | | | .3 | | 139.0 | 41.00 | 9.00 | | | | | | |
| 19 | 08 | 76 | 1330 | | | .3 | | | | | | | | | | |
| 29 | 09 | 76 | 1330 | | | .3 | | 141.0 | 41.00 | 9.50 | | | | | | |
| 19 | 10 | 76 | 1205 | | | .3 | | 154.0 | 45.00 | 10.00 | | | | | | |
| 24 | 11 | 76 | 1130 | | | .3 | | 129.0 | 36.00 | 9.50 | | | | | | |
| 14 | 12 | 76 | 1130 | | | .3 | | 178.0 | 50.00 | 13.00 | | | | | | |

| | | | | |
|--------------------|-------|-------|-------|-----|
| MAXIMUM | 230.0 | 50.00 | 13.00 | 50 |
| AVG OR GEOM MN (+) | 149.5 | 42.60 | 10.20 | 200 |
| MINIMUM | 96.0 | 36.00 | 9.00 | 5 |
| NO OF SAMPLES | 11 | 5 | 5 | 8 |

B.O.W./ SITE: LITTLE CATARAQUI CREEK
SAMPLE POINT: HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI
STATION TYPE: RIVER

STATION ID: 12-0002-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
004
0010

STN NO 4 LAT LONG U.T.M. 18 0377400.0 4900800.0 4 REGION 04 MILEAGE 2.70

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|-------|-------|--------|-------|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| FEET | | | | FEET | DEPTH | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | FOOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 12 | 01 | 76 | 1200 | | | .3 | 19505 | 8 6 | | 1300. | 70. | 2700. | | 2.0 | 16.0 | 1.0 |
| 02 | 02 | 76 | 1100 | | | .3 | 19522 | 6 8 | | 3000. | 100. | 100. | | 2.0 | 12.0 | 0.8 |
| 01 | 03 | 76 | 1045 | | | .3 | 19539 | 6 8 | | 1500. G | 10. L | 100. | | 2.0 | 13.0 | 10.0 |
| 05 | 04 | 76 | 1115 | | | .3 | 19556 | 6 8 | | 64000. | 100. | 200. | | 6.0 | 12.0 | 0.4 |
| 03 | 05 | 76 | 1030 | | | .3 | 19573 | 6 8 | | 15000. | 300. | 110. | | 10.0 | 13.0 | 1.0 |
| 08 | 06 | 76 | 1100 | | | .3 | 19590 | 8 9 0 | | 10000. | 100. L | 60. | | 20.0 | 5.0 | 250.0 |
| 19 | 07 | 76 | 1115 | | | .3 | 19607 | 8 9 0 | | 40000. | | 1100. | | 20.0 | 9.0 | 1.2 |
| 03 | 08 | 76 | 1025 | | | .3 | 19624 | 8 9 0 | | 600. | | 80. | | 17.0 | 7.0 | 2.2 |
| 31 | 08 | 76 | 1145 | | | .3 | 19641 | 8 9 0 | | 1100. | 220. | 44. | | 16.0 | 3.0 | 2.2 |
| 05 | 10 | 76 | 1145 | | | .3 | 19658 | 8 9 0 | | 7000. | 520. | 40. | | 15.0 | 10.0 | 1.4 |
| 02 | 11 | 76 | 1045 | | | .3 | 19675 | 6 8 | | 33000. | 140. | 44. | | 5.0 | 11.0 | 0.9 |
| 06 | 12 | 76 | 1115 | | | .3 | 19692 | 6 8 | | 4100. | 370. | 76. | | 2.0 | 11.0 | 0.8 |

| | | | | | | |
|--------------------|-----------|----------|--------|------|------|-------|
| MAXIMUM | 64000. | 520. | 2700. | 20.0 | 16.0 | 250.0 |
| AVG OR GEOM MN (+) | 5785. * U | 129. * D | 127. * | 9.8 | 10.2 | 22.7 |
| MINIMUM | 600. | 10. | 40. | 2.0 | 3.0 | 0.4 |
| NO OF SAMPLES | 12 | 10 | 12 | 12 | 12 | 12 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|-------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| FEET | | | | FEET | DEPTH | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 | 01 | 76 | 1200 | | | .3 | 0.046 | 0.026 | 0.060 | 0.380 | 0.007 | 0.410 | 324.0 | 3.0 | | |
| 02 | 02 | 76 | 1100 | | | .3 | 0.057 | 0.025 | 0.080 | 0.450 | 0.009 | 0.500 | 433.0 | 4.3 | | |
| 01 | 03 | 76 | 1045 | | | .3 | 0.088 | 0.023 | 4.250 | 5.700 | 0.004 | 0.056 | 406.0 | 5.3 | | |
| 05 | 04 | 76 | 1115 | | | .3 | 0.042 | 0.021 | 0.020 | 0.440 | 0.005 | 0.520 | 419.0 | 3.8 | | |
| 03 | 05 | 76 | 1030 | | | .3 | 0.067 | 0.025 | 0.016 | 0.470 | 0.004 | 0.321 | 402.0 | 9.7 | | |
| 08 | 06 | 76 | 1100 | | | .3 | | | | | | | | | | |
| 19 | 07 | 76 | 1115 | | | .3 | 0.106 | 0.065 | 0.002 | 0.360 | 0.004 | 0.206 | 335.0 | 4.8 | | |
| 03 | 08 | 76 | 1025 | | | .3 | | | | | | | 350.0 | 10.0 | 340 | |
| 31 | 08 | 76 | 1145 | | | .3 | 0.158 | 0.027 | 0.022 | 0.880 | 0.002 | 0.023 | 366.0 | 29.0 | | |
| 05 | 10 | 76 | 1145 | | | .3 | 0.097 | 0.054 | 0.008 | 0.440 | 0.005 | 0.185 | 312.0 | 6.2 | | |
| 02 | 11 | 76 | 1045 | | | .3 | 0.060 | 0.041 | 0.046 | 0.540 | 0.007 | 0.383 | 431.0 | 5.9 | | |
| 06 | 12 | 76 | 1115 | | | .3 | 0.074 | 0.039 | 0.136 | 0.470 | 0.013 | 0.657 | 535.0 | 6.8 | | |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| MAXIMUM | 0.158 | 0.065 | 4.250 | 5.700 | 0.013 | 0.657 | 535.0 | 29.0 | 340 |
| AVG OR GEOM MN (+) | 0.080 | 0.035 | 0.464 | 1.013 | 0.006 | 0.326 | 392.1 | 8.1 | 340 |
| MINIMUM | 0.042 | 0.021 | 0.002 | 0.360 | 0.002 | 0.023 | 312.0 | 3.0 | 340 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 1 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|-------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| FEET | | | | FEET | DEPTH | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 12 | 01 | 76 | 1200 | | | .3 | 540 | 2.00 | 58.0 | | | | | | | |
| 02 | 02 | 76 | 1100 | | | .3 | 720 | 4.00 | 110.0 | | | | | | | |
| 01 | 03 | 76 | 1045 | | | .3 | 680 | 5.70 | 135.0 | | | | | | | |
| 05 | 04 | 76 | 1115 | | | .3 | 680 | 2.90 | 88.0 | | | | | | | |
| 03 | 05 | 76 | 1030 | | | .3 | 650 | 5.20 | 68.0 | | | | | | | |
| 08 | 06 | 76 | 1100 | | | .3 | 490 | 110.00 | | | | | | | | |
| 19 | 07 | 76 | 1115 | | | .3 | 500 | 2.80 | 41.0 | | | | | | | |
| 03 | 08 | 76 | 1025 | | | .3 | 520 | 4.50 | | | | | | | | |
| 31 | 08 | 76 | 1145 | | | .3 | 560 | 6.40 | 44.0 | | | | | | | |
| 05 | 10 | 76 | 1145 | | | .3 | 640 | 4.00 | 65.0 | | | | | | | |
| 02 | 11 | 76 | 1045 | | | .3 | 720 | 22.00 | 63.0 | | | | | | | |
| 06 | 12 | 76 | 1115 | | | .3 | 900 | 5.00 | 120.0 | | | | | | | |

| | | | |
|--------------------|-----|--------|-------|
| MAXIMUM | 900 | 110.00 | 135.0 |
| AVG OR GEOM MN (+) | 633 | 14.54 | 79.2 |
| MINIMUM | 490 | 2.00 | 41.0 |
| NO OF SAMPLES | 12 | 12 | 10 |

B.O.W./ SITE: LITTLE CATARAQUI CREEK
 SAMPLE POINT: DIVISION STREET, KINGSTON
 STATION TYPE: RIVER

STATION ID: 12-0002-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: LITTLE CATARAQUI CREEK

STORET CODE: 02
 004
 0010

| STN NO | 5 | LAT | LONG | U.T.M. 18 0380175.0 4905100.0 4 | REGION 04 | MILEAGE | 6.80 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|-----------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 19506 | 4 6 8 | | 70. | 10. L | 10. | | 0.0 | 8.0 | 1.6 |
| 02 02 | 76 | 1130 | | | .3 | | 19523 | 4 6 8 | | 460. | 70. | 100. | | 0.0 | 60.0 | 0.2 |
| 01 03 | 76 | 1115 | | | .3 | | 19540 | 6 8 | | 4000. | 100. L | 100. L | | 0.0 | 9.0 | 14.0 |
| 05 04 | 76 | 1230 | | | .3 | | 19557 | 6 8 | | 400. | 100. | 100. | | 7.0 | 11.0 | 12.0 |
| 03 05 | 76 | 1100 | | | .3 | | 19574 | 6 8 | | 300. | 8. | 36. | | 10.0 | 13.0 | 1.2 |
| 08 06 | 76 | 1110 | | | .3 | | 19591 | 6 8 | | 2400. | 80. | 60. | | 19.0 | 9.0 | 2.4 |
| 12 07 | 76 | 1130 | | | .3 | | 19608 | 6 8 | | 5000. | | 600. G | | 17.0 | 12.0 | 1.6 |
| 03 08 | 76 | 1100 | | | .3 | | 19625 | 6 8 | | 600. | | 190. | | 15.0 | 13.0 | 2.0 |
| 31 08 | 76 | 1220 | | | .3 | | 19642 | 6 8 | | 1200. | 188. | 260. | | 13.0 | 7.0 | 1.0 |
| 05 10 | 76 | 1235 | | | .3 | | 19659 | 6 8 | | 890. | 360. | 112. | | 11.0 | 8.0 | 1.6 |
| 02 11 | 76 | 1130 | | | .3 | | 19676 | 6 8 | | 800. | 20. | 92. | | 4.0 | 6.0 | 1.0 |
| 06 12 | 76 | 1150 | | | .3 | | 19693 | 4 6 8 | | 120. | 28. | 28. | | 0.0 | 5.0 | 0.6 |
| | | | | | | | | | | 5000. | 360. | 600. | | 19.0 | 60.0 | 14.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 689.* | 53.* D | 87.* E | | 8.0 | 13.4 | 3.3 |
| MINIMUM | | | | | | | | | | 70. | 8. | 10. | | 0.0 | 5.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 0.028 | 0.002 | 0.070 | 0.400 | 0.012 | 1.300 | 375.0 | 2.0 | | |
| 02 02 | 76 | 1130 | | | .3 | | 0.019 | 0.005 | 0.050 | 0.320 | 0.009 | 1.500 | 460.0 | 42.0 | | |
| 01 03 | 76 | 1115 | | | .3 | | 0.043 | 0.003 | 0.260 | 0.850 | 0.013 | 0.777 | 246.0 | 5.3 | | |
| 05 04 | 76 | 1230 | | | .3 | | 0.035 | 0.002 | 0.210 | 0.780 | 0.008 | 0.652 | 279.0 | 5.1 | | 241 |
| 03 05 | 76 | 1100 | | | .3 | | 0.040 | 0.003 | 0.066 | 0.620 | 0.006 | 0.324 | 299.0 | 3.0 | | |
| 08 06 | 76 | 1110 | | | .3 | | | | | | | | 290.0 | 27.0 | 363 | |
| 12 07 | 76 | 1130 | | | .3 | | 0.096 | 0.023 | 0.080 | 0.800 | 0.035 | 0.340 | 353.0 | 18.0 | | |
| 03 08 | 76 | 1100 | | | .3 | | | | | | | | 466.0 | 86.0 | 380 | |
| 31 08 | 76 | 1220 | | | .3 | | 0.056 | 0.027 | 0.008 | 0.550 | 0.006 | 0.284 | 311.0 | 7.1 | | |
| 05 10 | 76 | 1235 | | | .3 | | 0.039 | 0.018 | 0.008 | 0.400 | 0.004 | 0.166 | 378.0 | 4.7 | | |
| 02 11 | 76 | 1130 | | | .3 | | 0.031 | 0.012 | 0.004 | 0.500 | 0.004 | 0.466 | 335.0 | 4.9 | | |
| 06 12 | 76 | 1150 | | | .3 | | 0.048 | 0.011 | 0.074 | 0.450 | 0.008 | 0.657 | 369.0 | 6.4 | | |
| | | | | | | | 0.096 | 0.027 | 0.260 | 0.850 | 0.035 | 1.500 | 466.0 | 86.0 | 380 | 241 |
| AVG OR GEOM MN (*) | | | | | | | 0.044 | 0.011 | 0.083 | 0.567 | 0.011 | 0.647 | 346.8 | 17.6 | 372 | 241 |
| MINIMUM | | | | | | | 0.019 | 0.002 | 0.004 | 0.320 | 0.004 | 0.166 | 246.0 | 2.0 | 363 | 241 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 2 | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 600 | 2.80 | 24.0 | | | | | | | |
| 02 02 | 76 | 1130 | | | .3 | | 770 | 3.00 | 92.0 | | | | | | | |
| 01 03 | 76 | 1115 | | | .3 | | 370 | 6.50 | 13.0 | | | | | | | |
| 05 04 | 76 | 1230 | | | .3 | | 445 | 5.40 | 15.5 | | | | | | | |
| 03 05 | 76 | 1100 | | | .3 | | 500 | 3.60 | 16.0 | | | | | | | |
| 08 06 | 76 | 1110 | | | .3 | | 560 | 20.00 | | | | | | | | |
| 12 07 | 76 | 1130 | | | .3 | | 510 | 12.00 | 16.0 | | | | | | | |
| 03 08 | 76 | 1100 | | | .3 | | 580 | 16.00 | | | | | | | | |
| 31 08 | 76 | 1220 | | | .3 | | 590 | 4.40 | 29.5 | | | | | | | |
| 05 10 | 76 | 1235 | | | .3 | | 610 | 4.00 | 27.5 | | | | | | | |
| 02 11 | 76 | 1130 | | | .3 | | 560 | 5.00 | 19.0 | | | | | | | |
| 06 12 | 76 | 1150 | | | .3 | | 620 | 5.20 | 22.0 | | | | | | | |
| | | | | | | | 770 | 20.00 | 92.0 | | | | | | | |
| MAXIMUM | | | | | | | 560 | 7.33 | 27.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 370 | 2.80 | 13.0 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 10 | | | | | | | |

B.O.W. / SITE: LITTLE CATARAQUI CREEK
 SAMPLE POINT: DOWNSTREAM FROM SEWAGE PUMPING STATION, LAPANS LANE, KINGSTON
 STATION TYPE: RIVER
 MAJOR BASIN: GREAT LAKES
 MID-OR BASIN: LAKE ONTARIO
 TERM STREAM: LITTLE CATARAQUI CREEK

STATION ID: 12-0002-007-02

STORE CODE: 02
 004
 0010

| STN NO | 7 | LAT | LONG | U.T.M. 18 0379325.0 4902525.0 4 | REGION 04 | MILEAGE | 4.80 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 02 02 76 1230 | | | .3 | | 19524 | 6 8 | | 20. | 20. | 10. L | | 0.0 | 11.0 | 5.6 |
| 01 03 76 1140 | | | .3 | | 19541 | 6 8 | | 20. | 10. | 20. | | 1.0 | 16.0 | 0.4 |
| 05 04 76 1300 | | | .3 | | 19558 | 6 8 | | 80. | 10. L | 10. L | | 8.0 | 19.0 | 0.4 |
| 03 05 76 1130 | | | .3 | | 19575 | 6 8 | | 100. | 1. | 20. | | 10.0 | 7.0 | 1.0 |
| 08 06 76 1130 | | | .3 | | 19592 | 6 8 | | 900. | 48. | 48. | | 21.0 | 7.0 | 2.2 |
| 12 07 76 1200 | | | .3 | | 19609 | 6 8 | | 2300. | | 640. | | 18.0 | 9.0 | 1.0 |
| 03 08 76 1120 | | | .3 | | 19626 | 6 8 | | 900. | | 184. | | 17.0 | 9.0 | 1.2 |
| 31 08 76 1240 | | | .3 | | 19643 | 6 8 | | 1500. | 304. | 372. | | 15.0 | 5.0 | 1.2 |
| 05 10 76 1245 | | | .3 | | 19660 | 6 8 | | 4200. | 550. | 16. | | 15.0 | 6.0 | 2.0 |
| 03 11 76 0700 | | | .3 | | 19677 | 6 8 | | 2000. | 10. | 44. | | 4.0 | 6.0 | 1.1 |
| 06 12 76 1225 | | | .3 | | 19694 | 4 6 8 | | 100. | 20. | 10. | | 0.0 | 4.0 | 1.4 |
| MAXIMUM | | | | | | | | 4200. | 550. | 640. | | 21.0 | 19.0 | 5.6 |
| AVG OR GEOM MN (-) | | | | | | | | 342. * | 25. * D | 41. * D | | 9.9 | 9.0 | 1.6 |
| MINIMUM | | | | | | | | 20. | 1. | 10. | | 0.0 | 4.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 9 | 11 | | 11 | 11 | 11 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D. SOLIDS MG/L |
| 02 02 76 1230 | | | .3 | | 0.120 | 0.002 | 0.160 | 1.200 | 0.033 | 1.500 | 372.0 | 53.0 | | |
| 01 03 76 1140 | | | .3 | | 0.018 | 0.005 | 0.022 | 0.240 | 0.004 | 0.751 | 321.0 | 4.4 | | |
| 05 04 76 1300 | | | .3 | | 0.013 | 0.001 | 0.006 | 0.240 | 0.005 | 0.625 | 395.0 | 2.2 | | |
| 03 05 76 1130 | | | .3 | | 0.026 | 0.004 | 0.004 | 0.280 | | 0.126 | 412. | 6.9 | | |
| 08 06 76 1130 | | | .3 | | | | | | | | 383.0 | 11.0 | 372 | |
| 12 07 76 1200 | | | .3 | | 0.027 | 0.006 | 0.012 | 0.350 | 0.005 | 0.005 | 409.0 | 7.5 | | |
| 03 08 76 1120 | | | .3 | | | | | | | | 603.0 | 63.0 | 540 | |
| 31 08 76 1240 | | | .3 | | 0.082 | 0.016 | 0.046 | 0.680 | 0.004 | 0.011 | 543.0 | 28.0 | | |
| 05 10 76 1245 | | | .3 | | 0.074 | 0.014 | 0.044 | 0.700 | 0.003 | 0.005L | 557.0 | 22.0 | | |
| 03 11 76 0700 | | | .3 | | 0.038 | 0.006 | 0.026 | 0.400 | 0.007 | 0.653 | 414.0 | 23.0 | | |
| 06 12 76 1225 | | | .3 | | 0.250 | 0.034 | 0.134 | 0.450 | 0.017 | 0.648 | 891.0 | 202.0 | | |
| MAXIMUM | | | | | 0.250 | 0.034 | 0.160 | 1.200 | 0.033 | 1.500 | 891.0 | 202.0 | 540 | |
| AVG OR GEOM MN (-) | | | | | 0.072 | 0.010 | 0.050 | 0.504 | 0.010 | 0.480D | 481.8 | 38.5 | 456 | |
| MINIMUM | | | | | 0.013 | 0.001 | 0.004 | 0.240 | 0.003 | 0.005 | 321.0 | 2.2 | 372 | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 8 | 9 | 11 | 11 | 2 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 02 02 76 1230 | | | .3 | | 500 | 12.00 | 20.0 | | | | | | | |
| 01 03 76 1140 | | | .3 | | 540 | 4.20 | 74.0 | | | | | | | |
| 05 04 76 1300 | | | .3 | | 640 | 2.50 | 84.0 | | | | | | | |
| 03 05 76 1130 | | | .3 | | 700 | 3.9 | 73.0 | | | | | | | |
| 08 06 76 1130 | | | .3 | | 663 | 14.00 | | | | | | | | |
| 12 07 76 1200 | | | .3 | | 610 | 4.50 | 50.0 | | | | | | | |
| 03 08 76 1120 | | | .3 | | 790 | 32.00 | | | | | | | | |
| 31 08 76 1240 | | | .3 | | 810 | 15.00 | 68.0 | | | | | | | |
| 05 10 76 1245 | | | .3 | | 840 | 18.00 | 65.0 | | | | | | | |
| 03 11 76 0700 | | | .3 | | 650 | 20.00 | 44.0 | | | | | | | |
| 06 12 76 1225 | | | .3 | | 1170 | 170.00 | 245.0 | | | | | | | |
| MAXIMUM | | | | | 1170 | 170.00 | 245.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | 719 | 26.92 | 80.3 | | | | | | | |
| MINIMUM | | | | | 500 | 2.50 | 20.0 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 9 | | | | | | | |

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: HIGHWAY 2, KINGSTON (CENTRE)
STATION TYPE: RIVER

STATION ID: 12-0004-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

| STN NO | | 1 | | LAT | | LONG | | U.T.M. 18 0382200.0 4890750.0 4 | | | | REGION 04 | | MILEAGE | | 0.50 | | | | | | | | | | | | | |
|---------------|----|------|------|-----|--|-------|----|---------------------------------|--|--------|--|-----------|---|----------|------|----------|-----|----------|-----|----------|---|----------|------|-------|------|-------|-----|-------|--|
| SAMP DTE HOUR | | STN | | STN | | SAMP | | PJ | | 934 | | 901 | | 444 | | 80 | | 81 | | 84 | | 88 | | 805 | | 3 | | 1 | |
| DY MO YR LMT | | DIST | | BRG | | DEPTH | | | | SAMPLE | | SCD | | FLOW CFS | | COLIFORM | | COLIFORM | | M.F. | | PSEUD. | | WATER | | DISS. | | 5-DAY | |
| | | FEET | | | | MTRS | | | | NO | | | | | | MF/100ML | | MF/100ML | | MF/100ML | | MF/100ML | | TEMP. | | MG/L | | BOD | |
| | | | | | | | | | | | | | | | | | | | | | | DEG C | | | | | | MG/L | |
| 12 | 01 | 76 | 1420 | | | | .3 | | | 19509 | | 4 | 6 | 8 | | 10. | L | 10. | L | 10. | | | | 0.0 | | 12.0 | | 2.2 | |
| 02 | 02 | 76 | 1330 | | | | .3 | | | 19526 | | 4 | 6 | 8 | | 30. | | 10. | L | 10. | L | | | 0.0 | | 13.0 | | 1.0 | |
| 01 | 03 | 76 | 1230 | | | | .3 | | | 19543 | | 6 | 8 | | 500. | | 10. | L | 10. | | | | 0.0 | | 17.0 | | 0.6 | | |
| 05 | 04 | 76 | 1350 | | | | .3 | | | 19560 | | 6 | 8 | | 10. | | 10. | L | 10. | L | | | 5.0 | | 13.0 | | 1.0 | | |
| 03 | 05 | 76 | 1300 | | | | .3 | | | 19577 | | 6 | 8 | | 220. | | 1. | | | 1. | | | 10.0 | | 19.0 | | 1.4 | | |
| 08 | 06 | 76 | 1240 | | | | .3 | | | 19594 | | 6 | 8 | | 830. | | 1. | | 4. | | | | 20.0 | | 13.0 | | 1.0 | | |
| 12 | 07 | 76 | 1305 | | | | .3 | | | 19611 | | 6 | 8 | | 500. | | | | 4. | | | | 20.0 | | 13.0 | | 1.0 | | |
| 03 | 08 | 76 | 1200 | | | | .3 | | | 19628 | | 6 | 8 | | 500. | | | | 1. | | | | 20.0 | | 13.0 | | 1.6 | | |
| 31 | 08 | 76 | 1330 | | | | .3 | | | 19645 | | 6 | 8 | | 780. | | | 4. | 1. | | | | 19.0 | | 13.0 | | 1.2 | | |
| 05 | 10 | 76 | 1330 | | | | .3 | | | 19652 | | 6 | 8 | | 10. | L | 1. | | 0. | | | | 15.0 | | 12.0 | | 1.2 | | |
| 03 | 11 | 76 | 0730 | | | | .3 | | | 19679 | | 6 | 8 | | 750. | | | 20. | | 4. | | | 5.0 | | 10.0 | | 1.7 | | |
| 06 | 12 | 76 | 1310 | | | | .3 | | | 19696 | | 6 | 8 | | 10. | | 2. | | 2. | L | | | 0.0 | | 18.0 | | 0.8 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

830.
112.* D
10.

20.
4.* D
1.

10.
3.* D
0.

20.0
9.5
0.0

19.0
14.3
10.0

2.2
1.3
0.6

NO OF SAMPLES

12

10

12

12

12

12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|-----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDRAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 01 76 1420 | .3 | | | | 0.016 | 0.002 | 0.070 | 0.520 | 0.004 | 0.180 | 153.0 | 2.0 | | |
| 02 02 76 1330 | .3 | | | | 0.022 | 0.004 | 0.090 | 0.500 | 0.003 | 0.180 | 155.0 | 2.1 | | 153 |
| 01 03 76 1230 | .3 | | | | 0.021 | 0.002 | 0.028 | 0.470 | 0.004 | 0.366 | 161.0 | 2.0 | | 159 |
| 05 04 76 1350 | .3 | | | | 0.027 | 0.002 | 0.008 | 0.420 | 0.004 | 0.206 | | 4.4 | | 120 |
| 03 05 76 1300 | .3 | | | | 0.039 | 0.002 | 0.008 | 0.460 | 0.003 | 0.077 | 190.0 | 11.0 | | |
| 08 06 76 1240 | .3 | | | | | | | | | | | | | 153 |
| 12 07 76 1305 | .3 | | | | 0.017 | 0.010 | 0.042 | 0.250 | 0.003 | 0.037 | 193.0 | 7.5 | | |
| 03 08 76 1200 | .3 | | | | | | | | | | 194.0 | 8.8 | | 185 |
| 31 08 76 1330 | .3 | | | | 0.062 | 0.002 | 0.010 | 0.860 | 0.001L | 0.005L | 108.0 | 7.4 | | |
| 05 10 76 1330 | .3 | | | | 0.027 | 0.002 | 0.004 | 0.520 | 0.002 | 0.005L | 183.0 | 3.7 | | |
| 03 11 76 0730 | .3 | | | | 0.022 | 0.002 | 0.004 | 0.410 | 0.001 | 0.005L | 175.0 | 3.3 | | |
| 06 12 76 1310 | .3 | | | | 0.023 | 0.002 | 0.016 | 0.310 | 0.002 | 0.128 | 195.0 | 3.2 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.062
0.028
0.016

0.010
0.003
0.002

0.090
0.028
0.004

0.860
0.472
0.250

0.004
0.003D
0.001

0.366
0.119D
0.005

195.0
170.7
108.0

11.0
5.0
2.0

185
154
120

NO OF SAMPLES

10

10

10

10

10

10

10

11

5

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 12 01 76 1420 | .3 | | | | 235 | 1.60 | 6.3 | | | | | | | |
| 02 02 76 1330 | .3 | | | | 235 | 1.40 | 6.8 | | | | | | | |
| 01 03 76 1230 | .3 | | | | 245 | 2.20 | 8.5 | | | | | | | |
| 05 04 76 1350 | .3 | | | | 185 | 4.70 | 5.2 | | | | | | | |
| 03 05 76 1300 | .3 | | | | 275 | 5.20 | 16. | | | | | | | |
| 08 06 76 1240 | .3 | | | | 234 | 2.40 | | | | | | | | |
| 12 07 76 1305 | .3 | | | | 285 | 4.20 | 21.5 | | | | | | | |
| 03 08 76 1200 | .3 | | | | 284 | 5.50 | | | | | | | | |
| 31 08 76 1330 | .3 | | | | 155 | 6.10 | 5.0 | | | | | | | |
| 05 10 76 1330 | .3 | | | | 275 | 2.20 | 21.5 | | | | | | | |
| 03 11 76 0730 | .3 | | | | 265 | 2.80 | 17.5 | | | | | | | |
| 06 12 76 1310 | .3 | | | | 295 | 2.20 | 22.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

295
247
155

6.10
3.38
1.40

22.0
13.0
5.0

12

12

10

STATION ID: 12-0004-001-83

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: HIGHWAY 2 KINGSTON
STATION TYPE: RIVER COMPOSITE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

| STN NO | 1 | LAT | LONG | U.T.M. 18 0382200.0 4890750.0 4 | | | | | | REGION 04 | | MILEAGE | 0.50 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 24 03 76 1020 | | | .3 | | 17176 | 6 | | | | | | 3.0 | 14.0 | 0.6 |
| 08 09 76 0945 | | | .3 | | 17375 | 5 8 | | 300. | 4. | 1. | | 19.5 | 11.0 | 1.2 |
| 08 12 76 1005 | | | .3 | | 17507 | | | 850. | 92. | 20. | | 2.8 | 12.0 | 0.8 |
| MAXIMUM | | | | | | | | 850. | 92. | 20. | | 19.5 | 14.0 | 1.2 |
| AVG OR GEOM MN (-) | | | | | | | | 505.* | 19.* | 4.* | | 8.4 | 12.3 | 0.9 |
| MINIMUM | | | | | | | | 300. | 4. | 1. | | 2.8 | 11.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 3 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | O-SOLIDS |
| | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 03 76 1020 | | .3 | | 0.029 | 0.009 | 0.032 | 0.390 | 0.005 | 0.265 | | 9.3 | | 133 |
| 08 09 76 0945 | | .3 | | 0.082 | 0.033 | 0.032 | 0.530 | 0.033 | 0.005L | 183.0 | 3.6 | | 176 |
| 08 12 76 1005 | | .3 | | 0.051 | 0.010 | 0.040 | 0.460 | 0.002 | 0.068 | 178.0 | 2.3 | | |
| MAXIMUM | | | | 0.082 | 0.033 | 0.040 | 0.530 | 0.033 | 0.265 | 183.0 | 9.3 | | 176 |
| AVG OR GEOM MN (*) | | | | 0.054 | 0.017 | 0.035 | 0.460 | 0.013 | 0.1130 | 180.5 | 5.1 | | 155 |
| MINIMUM | | | | 0.029 | 0.009 | 0.032 | 0.390 | 0.002 | 0.005 | 178.0 | 2.3 | | 133 |
| NO OF SAMPLES | | | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | | 2 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 24 03 76 1020 | | .3 | | 205 | 3.20 | 7.0 | 14.0 | 1.20 | | | 8.00 | | 0.250 |
| 08 09 76 0945 | | .3 | | 275 | 3.00 | 22.0 | | | | | | | |
| 08 12 76 1005 | | .3 | | 270 | 2.00 | 15.5 | 17.5 | 0.10 | | | 7.88 | | 0.100 |
| MAXIMUM | | | | 275 | 3.20 | 22.0 | 17.5 | 1.20 | | | 8.00 | | 0.250 |
| AVG OR GEOM MN (*) | | | | 250 | 2.73 | 14.8 | 15.8 | 0.65 | | | 7.94 | | 0.175 |
| MINIMUM | | | | 205 | 2.00 | 7.0 | 14.0 | 0.10 | | | 7.88 | | 0.100 |
| NO OF SAMPLES | | | | 3 | 3 | 3 | 2 | 2 | | | 2 | | 2 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|------|-----------|----|---------|----------|---------|----------|--------|----------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIMUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | MG/L | | MG/L |
| 24 03 76 1020 | | .3 | | 1.0L | | | | | | | 1 | 20 | 0 |
| 08 09 76 0945 | | .3 | | | | | | | | | | | |
| 08 12 76 1005 | | .3 | | 1.0L | | | | | | | 8 | 20 | 2 |
| MAXIMUM | | | | 1.0 | | | | | | | 8 | 20 | 2 |
| AVG OR GEOM MN (*) | | | | 1.0D | | | | | | | 5 | 20 | 1 |
| MINIMUM | | | | 1.0 | | | | | | | 1 | 20 | 0 |
| NO OF SAMPLES | | | | 2 | | | | | | | 2 | 2 | 2 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|------|-----------|----|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 03 76 1020 | | .3 | | 0.001L | 0.05 L | | 0.04 L | 0.02 L | 0.01 L | 0.01 L | 0.01 L | | 0.01 L |
| 08 12 76 1005 | | .3 | | 0.001 | | | 0.020L | 0.020 | 0.010L | 0.005L | 0.010 | | 0.010L |
| MAXIMUM | | | | 0.001 | 0.05 | | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | | 0.01 |
| AVG OR GEOM MN (*) | | | | 0.001D | 0.05 D | | 0.030D | 0.020D | 0.010D | 0.008D | 0.010D | | 0.010D |
| MINIMUM | | | | 0.001 | 0.05 | | 0.020 | 0.02 | 0.01 | 0.005 | 0.01 | | 0.01 |
| NO OF SAMPLES | | | | 2 | 1 | | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W. / SITE: CATARAQUI RIVER
SAMPLE POINT: AT DAM, KINGSTON MILLS
STATION TYPE: RIVER

STATION ID: 12-0004-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 2 LAT LONG U.T.M. 18 0385025.0 4905300.0 4 REGION 04 MILEAGE 5.10

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|------|-----------|----|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOO |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 1350 | | .3 | | 19508 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 02 02 76 1300 | | .3 | | 19525 | 6 8 | | 30. | 1. | 4. | | 0.0 | 14.0 | 0.4 |
| 01 03 76 1200 | | .3 | | 19542 | 4 6 8 | | 10. L | 1. | 1. | | 0.0 | 13.0 | 0.9 |
| 05 04 76 1320 | | .3 | | 19559 | 6 8 | | 20. | 1. | 1. | | 5.0 | 16.0 | 1.2 |
| 03 05 76 1200 | | .3 | | 19576 | 6 8 | | 8. | 1. | 4. | | 10.0 | 15.0 | 1.4 |
| 08 06 76 1200 | | .3 | | 19593 | | | 30. | 1. | 1. | | 13.0 | 21.0 | 2.0 |
| 12 07 76 1215 | | .3 | | 19610 | 6 8 | | 10. | 1. | 1. | | 20.0 | 12.0 | 1.0 |
| 03 08 76 1145 | | .3 | | 19627 | 6 8 | | 1. | | 1. | | 20.0 | 14.0 | 3.6 |
| 31 08 76 1305 | | .3 | | 19644 | 6 8 | | 4. | 1. | 16. | | 20.0 | 13.0 | 3.2 |
| 05 10 76 1310 | | .3 | | 19661 | 6 8 | | 4. | 1. | 0. | | 15.0 | 7.0 | 2.4 |
| 03 11 76 0710 | | .3 | | 19678 | 6 8 | | 4. | 1. | 1. | | 4.0 | 7.0 | 1.7 |
| 06 12 76 1250 | | .3 | | 19695 | 4 6 8 | | 40. | 2. L | 2. L | | 0.0 | 18.0 | 0.8 |
| MAXIMUM | | | | | | | 40. | 2. | 16. | | 20.0 | 21.0 | 3.6 |
| AVG OR GEOM MN (*) | | | | | | | 8. * D | 1. * D | 2. * D | | 8.9 | 13.6 | 1.6 |
| MINIMUM | | | | | | | 1. | 1. | 0. | | 0.0 | 7.0 | 0.4 |
| NO OF SAMPLES | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1350 | | .3 | | 0.016 | 0.004 | 0.080 | 0.600 | 0.003 | 0.150 | 150.0 | 1.0 | | |
| 02 | 02 | 76 | 1300 | | .3 | | 0.022 | 0.005 | 0.100 | 0.520 | 0.003 | 0.190 | 155.0 | 1.7 | | 153 |
| 01 | 03 | 76 | 1200 | | .3 | | 0.021 | 0.003 | 0.024 | 0.460 | 0.004 | 0.346 | 152.0 | 1.6 | | 150 |
| 05 | 04 | 76 | 1320 | | .3 | | 0.030 | 0.001 | 0.014 | 0.470 | 0.004 | 0.211 | | 4.7 | | 124 |
| 03 | 05 | 76 | 1200 | | .3 | | 0.028 | 0.002 | 0.002L | 0.570 | 0.001 | 0.005 | | 5.5 | | 137 |
| 08 | 06 | 76 | 1200 | | .3 | | | | | | | | 138. | 5.2 | | 133 |
| 12 | 07 | 76 | 1215 | | .3 | | 0.030 | 0.003 | 0.002 | 0.530 | 0.001L | 0.005L | 116.0 | 4.7 | | |
| 03 | 08 | 76 | 1145 | | .3 | | | | | | | | 110.0 | 6.5 | | 104 |
| 31 | 08 | 76 | 1305 | | .3 | | 0.050 | 0.002 | 0.020 | 0.740 | 0.002 | 0.008 | 199.0 | 8.0 | | |
| 05 | 10 | 76 | 1310 | | .3 | | 0.030 | 0.002 | 0.002 | 0.770 | 0.001 | 0.005 | 121.0 | 4.3 | | |
| 03 | 11 | 76 | 0710 | | .3 | | 0.017 | 0.002 | 0.004 | 0.560 | 0.002 | 0.068 | 130.0 | 2.9 | | |
| 06 | 12 | 76 | 1250 | | .3 | | 0.022 | 0.002 | 0.010 | 0.470 | 0.002 | 0.018 | 146.0 | 5.9 | | |
| MAXIMUM | | | | | | | 0.050 | 0.005 | 0.100 | 0.770 | 0.004 | 0.346 | 193.0 | 8.0 | | 153 |
| AVG OR GEOM MN (*) | | | | | | | 0.027 | 0.003 | 0.026D | 0.569 | 0.002D | 0.101D | 141.1 | 4.3 | | 134 |
| MINIMUM | | | | | | | 0.016 | 0.001 | 0.002 | 0.460 | 0.001 | 0.005 | 110.0 | 1.0 | | 104 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 | | 6 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1350 | | .3 | | 230 | 1.90 | 5.0 | | | | | | | |
| 02 | 02 | 76 | 1300 | | .3 | | 235 | 1.00 | 6.3 | | | | | | | |
| 01 | 03 | 76 | 1200 | | .3 | | 230 | 1.80 | 6.8 | | | | | | | |
| 05 | 04 | 76 | 1320 | | .3 | | 190 | 5.40 | 4.7 | | | | | | | |
| 03 | 05 | 76 | 1200 | | .3 | | 210 | 2.9 | 5.2 | | | | | | | |
| 08 | 06 | 76 | 1200 | | .3 | | 205 | 2.2 | | | | | | | | |
| 12 | 07 | 76 | 1215 | | .3 | | 170 | 3.00 | 4.7 | | | | | | | |
| 03 | 08 | 76 | 1145 | | .3 | | 160 | 6.10 | | | | | | | | |
| 31 | 08 | 76 | 1305 | | .3 | | 285 | 4.50 | 23.5 | | | | | | | |
| 05 | 10 | 76 | 1310 | | .3 | | 180 | 3.00 | 4.8 | | | | | | | |
| 03 | 11 | 76 | 0710 | | .3 | | 195 | 2.20 | 5.7 | | | | | | | |
| 06 | 12 | 76 | 1250 | | .3 | | 215 | 2.00 | 6.8 | | | | | | | |
| MAXIMUM | | | | | | | 285 | 6.10 | 23.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 209 | 3.00 | 7.4 | | | | | | | |
| MINIMUM | | | | | | | 160 | 1.00 | 4.7 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 10 | | | | | | | |

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: JONES FALLS
STATION TYPE: RIVER

STATION ID: 12-C004-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 4 LAT LONG U.T.M. 18 0401700.0 4932950.0 4 REGION 04 MILEAGE 35.80

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 0930 | | .3 | | 19514 | 4 6 8 | | 10. L | 1. | 1. | | 0.0 | 15.0 | 1.0 |
| 02 | 02 | 76 | 0900 | | .3 | | 19521 | 4 6 8 | | 10. | 1. | 1. | | 0.0 | 14.0 | 1.0 |
| 02 | 03 | 76 | 1020 | | .3 | | 19548 | 6 8 | | 10. L | 1. | 8. | | 0.0 | 17.0 | 0.4 |
| 06 | 04 | 76 | 1000 | | .3 | | 19555 | 3 6 8 | | 10. | 1. | 1. | | 6.0 | 16.0 | 1.0 |
| 04 | 05 | 76 | 0850 | | .3 | | 19582 | 6 8 | | 350. | 1. | 1. | | 10.0 | 17.0 | 0.8 |
| 09 | 06 | 76 | 0930 | | .3 | | 19599 | 6 8 | | 6100. | | 1. | | 23.0 | 13.0 | |
| 13 | 07 | 76 | 0900 | | .3 | | 19616 | 6 8 | | 500. | | 44. | | 20.0 | 9.0 | 0.4 |
| 04 | 08 | 76 | 0930 | | .3 | | 19633 | 6 8 | | 10. | | 1. | | 21.0 | 15.0 | |
| 01 | 09 | 76 | 0930 | | .3 | | 19650 | 6 8 | | 10. | 10. L | 10. L | | 20.0 | 13.0 | 1.0 |
| 06 | 10 | 76 | 0930 | | .3 | | 19667 | 6 8 | | 10. L | 1. | 1. | | 15.0 | 12.0 | 1.6 |
| 03 | 11 | 76 | 1030 | | .3 | | 19684 | 6 8 | | 10. L | 1. | 1. | | 5.0 | 12.0 | 1.0 |
| 07 | 12 | 76 | 1045 | | .3 | | 19701 | 4 6 8 | | 40. | 4. | 2. L | | 0.0 | 12.0 | 1.6 |
| MAXIMUM | | | | | | | | | | 6100. | 10. | 44. | | 23.0 | 17.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 36. * D | 2. * D | 2. * D | | 10.0 | 13.8 | 1.0 |
| MINIMUM | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 10 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 0930 | | .3 | | 0.015 | 0.002 | 0.020 | 0.450 | 0.002 | 0.010 | 137.0 | 4.0 | | 133 |
| 03 | 02 | 76 | 0900 | | .3 | | 0.012 | 0.001 | 0.020 | 0.460 | 0.002 | 0.080 | 139.0 | 1.6 | | 137 |
| 02 | 03 | 76 | 1020 | | .3 | | 0.012 | 0.003 | 0.002 | 0.390 | 0.002 | 0.138 | | | | 137 |
| 06 | 04 | 76 | 1000 | | .3 | | 0.014 | 0.001 | 0.006 | 0.360 | 0.002 | 0.113 | | 1.3 | | 117 |
| 04 | 05 | 76 | 0850 | | .3 | | 0.014 | 0.001 | 0.006 | 0.390 | 0.001 | 0.005L | 119.0 | 2.0 | | 117 |
| 09 | 06 | 76 | 0930 | | .3 | | | | | | | | | | | |
| 13 | 07 | 76 | 0900 | | .3 | | 0.020 | 0.001L | 0.002L | 0.400 | 0.001L | 0.005L | 116.0 | 1.8 | | |
| 04 | 08 | 76 | 0930 | | .3 | | | | | | | | | | | |
| 01 | 09 | 76 | 0930 | | .3 | | 0.014 | 0.003 | 0.002 | 0.330 | 0.001 | 0.005L | 113.0 | 2.3 | | |
| 06 | 10 | 76 | 0930 | | .3 | | 0.015 | 0.007 | 0.008 | 0.400 | 0.001 | 0.005L | 119.0 | 2.3 | | |
| 03 | 11 | 76 | 1030 | | .3 | | 0.040 | 0.022 | 0.004 | 0.410 | 0.001 | 0.005L | 118.0 | 1.1 | | |
| 07 | 12 | 76 | 1045 | | .3 | | 0.033 | 0.002 | 0.016 | 0.680 | 0.001 | 0.009 | 128.0 | 8.4 | | |
| MAXIMUM | | | | | | | 0.040 | 0.022 | 0.020 | 0.680 | 0.002 | 0.138 | 139.0 | 8.4 | | 137 |
| AVG OR GEOM MN (*) | | | | | | | 0.019 | 0.004D | 0.009D | 0.427 | 0.001D | 0.038D | 123.6 | 2.8 | | 128 |
| MINIMUM | | | | | | | 0.012 | 0.001 | 0.002 | 0.330 | 0.001 | 0.005 | 113.0 | 1.1 | | 117 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 9 | | 5 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 0930 | | .3 | | 205 | 0.80 | 4.8 | | | | | | | |
| 03 | 02 | 76 | 0900 | | .3 | | 210 | 1.00 | 2.8 | | | | | | | |
| 02 | 03 | 76 | 1020 | | .3 | | 215 | | | | | | | | | |
| 06 | 04 | 76 | 1000 | | .3 | | 180 | 1.00 | 3.8 | | | | | | | |
| 04 | 05 | 76 | 0850 | | .3 | | 180 | 1.50 | 3.9 | | | | | | | |
| 13 | 07 | 76 | 0900 | | .3 | | 175 | 1.50 | 3.6 | | | | | | | |
| 01 | 09 | 76 | 0930 | | .3 | | 170 | 1.30 | 3.7 | | | | | | | |
| 06 | 10 | 76 | 0930 | | .3 | | 180 | 1.20 | 3.6 | | | | | | | |
| 03 | 11 | 76 | 1030 | | .3 | | 180 | 1.20 | 4.0 | | | | | | | |
| 07 | 12 | 76 | 1045 | | .3 | | 185 | 1.80 | 4.1 | | | | | | | |
| MAXIMUM | | | | | | | 215 | 1.80 | 4.8 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 188 | 1.26 | 3.8 | | | | | | | |
| MINIMUM | | | | | | | 170 | 0.80 | 2.8 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 9 | 9 | | | | | | | |

B.O.W. / SITE: CATARAQUI RIVER
SAMPLE POINT: AT BRIDGE TO BELL ISLAND, KINGSTON
STATION TYPE: RIVER

STATION ID: 12-0004-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

| STN NO | 5 | LAT | LONG | U.T.M. 18 0382400.0 4900350.0 4 | | | | REGION 04 | | MILEAGE | 1.60 | | | | | |
|--------------------|-----------|------------|------|---------------------------------|--------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 05 | 04 | 76 | 1410 | | .3 | | 19561 | 6 8 | | 800. | 10. | 10. | L | 7.0 | 14.0 | |
| 03 | 05 | 76 | 1320 | | .3 | | 19578 | 6 8 | | 1700. | 1. | 20. | | 12.0 | 15.0 | |
| 08 | 06 | 76 | 1300 | | .3 | | 19595 | 6 8 | | 500. | 1. | 4. | | 21.0 | 12.0 | |
| 12 | 07 | 76 | 1315 | | .3 | | 19612 | 6 8 | | 400. | | 196. | | 20.0 | 12.0 | |
| 03 | 08 | 76 | 1245 | | .3 | | 19629 | 6 8 | | 150. | | 4. | | 20.0 | 15.0 | |
| 31 | 08 | 76 | 1400 | | .3 | | 19646 | 6 8 | | 100. | 12. | 16. | | 19.0 | 20.0 | |
| 05 | 10 | 76 | 1345 | | .3 | | 19663 | 6 8 8 | | 10. | 1. | 2. | | 20.0 | 16.0 | |
| 03 | 11 | 76 | 0745 | | .3 | | 19680 | 6 8 | | 1800. | 160. | 16. | | 4.0 | 9.0 | |
| MAXIMUM | | | | | | | | | | 1800. | 160. | 196. | | 21.0 | 20.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 304.* | 5.* | 12.* | D | 15.4 | 14.1 | |
| MINIMUM | | | | | | | | | | 10. | 1. | 2. | | 4.0 | 9.0 | |
| NO OF SAMPLES | | | | | | | | | | 8 | 6 | 8 | | 8 | 8 | |

B.O.W. / SITE: CATARAQUI RIVER
SAMPLE POINT: FOOT OF ELLIOT AVE, KINGSTON
STATION TYPE: RIVER

STATION ID: 12-0004-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

| STN NO | 6 | LAT | LONG | U.T.M. 18 0381950.0 4901340.0 4 | REGION 04 | MILEAGE | 2.40 | | | | | | | | | |
|--------------------|-----------|------------|---------------------|---------------------------------|-----------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1500 | | .3 | | 19511 | 4 6 8 | | 1. | 1. | 1. | | 0 0 | 7 0 | |
| 02 | 02 | 76 | 1400 | | .3 | | 19528 | 4 6 8 | | 32. | 20. | 8. | | 0 0 | 9 0 | |
| 01 | 03 | 76 | 1330 | | .3 | | 19545 | 4 6 8 | | 60. | 1. | 1. | | 0 0 | 8 0 | |
| 05 | 04 | 76 | 1430 | | .3 | | 19562 | 6 8 | | 60. | 1. | 1. | | 7 0 | 15 0 | |
| 03 | 05 | 76 | 1400 | | .3 | | 19579 | 6 8 | | 70. | 1. | 20. | | 12 0 | 8 0 | |
| 08 | 06 | 76 | 1315 | | .3 | | 19596 | 6 8 | | 400. | 1. | 1. | | 23 0 | 14 0 | |
| 12 | 07 | 76 | 1350 | | .3 | | 19613 | 6 8 | | 100. | | 44. | | 21 0 | 12 0 | |
| 03 | 08 | 76 | 1320 | | .3 | | 19630 | 6 8 | | 10. L | | 8. | | 20 0 | 15 0 | |
| 31 | 08 | 76 | 1440 | | .3 | | 19647 | 6 8 | | 400. | 4. | 1. | | 18 0 | 9 0 | |
| 05 | 10 | 76 | 1410 | | .3 | | 19664 | 6 8 | | 30. | 2. | 0. | | 17 0 | 11 0 | |
| 03 | 11 | 76 | 0800 | | .3 | | 19681 | 6 8 | | 72. | 1. | 6. | | 3 0 | 16 0 | |
| 06 | 12 | 76 | 1400 | | .3 | | 19698 | 4 6 8 | | 4. L | 2. L | 2. L | | 0 0 | 17 0 | |
| MAXIMUM | | | | | | | | | | 400. | 20. | 44. | | 23 0 | 17 0 | |
| AVG OR GEOM ME (*) | | | | | | | | | | 39.* D | 2.* D | 3.* D | | 10.1 | 11.8 | |
| MINIMUM | | | | | | | | | | 1. | 1. | 0. | | 0 0 | 7 0 | |
| NO OF SAMPLES | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | |

B.O.W./ SITE: MILLBURN CREEK
 SAMPLE POINT: 1.5 MILES SOUTH OF BATTERSEA
 STATION TYPE: RIVER

STATION ID: 12-0004-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST. LAWRENCE RIVER
 TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
 005
 1770

| STN NO | 7 | LAT | LONG | U.T.M. 18 0390450.0 4918525.0 4 | REGION 04 | MILEAGE | 21.90 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1045 | | | .3 | | 19515 | 4 6 8 | | 90. | 10. | 10. | | 0.0 | 9.0 | 0.8 |
| 03 02 76 1030 | | | .3 | | 19532 | 6 8 | | 90. | 10. L | 30. | | 0.0 | 11.0 | 0.8 |
| 02 03 76 1130 | | | .3 | | 19549 | 6 8 | | 10. L | 1. | 1. | | 0.0 | 15.0 | 0.8 |
| 06 04 76 1120 | | | .3 | | 19566 | 3 6 8 | | 10. | 1. | 1. | | 5.0 | 16.0 | 1.0 |
| 04 05 76 1000 | | | .3 | | 19583 | 6 8 | | 130. | 4. | 8. | | 10.0 | 8.0 | 1.0 |
| 13 07 76 1030 | | | .3 | | 19617 | 6 8 | | 6000. | | 608. | | 20.0 | 10.0 | 0.6 |
| 01 09 76 1030 | | | .3 | | 19651 | 6 8 | | 900. | 208. | 600. | G | 17.0 | 7.0 | 1.0 |
| 06 10 76 1030 | | | .3 | | 19668 | 6 8 | | 250. | 64. | 10. L | | 13.0 | 9.0 | 1.6 |
| 03 11 76 1100 | | | .3 | | 19685 | 6 8 | | 320. | 16. | 10. | | 5.0 | 5.0 | 1.4 |
| 07 12 76 1130 | | | .3 | | 19702 | 4 6 8 | | 160. | 20. | 8. | | 0.0 | 5.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

6000.
 154. * D
 10.

20.0
 7.0
 0.0

16.0
 9.5
 5.0

1.6
 1.0
 0.6

NO OF SAMPLES

10 9 10

10

10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1045 | | | .3 | | 0.044 | 0.012 | 0.250 | 0.760 | 0.009 | 0.290 | 301.0 | 9.0 | | 254 |
| 03 02 76 1030 | | | .3 | | 0.043 | 0.012 | 0.110 | 0.740 | 0.012 | 0.900 | | | | 189 |
| 02 03 76 1130 | | | .3 | | 0.034 | 0.014 | 0.058 | 0.460 | 0.009 | 1.220 | 192.0 | 3.1 | | 88 |
| 06 04 76 1120 | | | .3 | | 0.021 | 0.001 | 0.008 | 0.370 | 0.004 | 0.151 | | 3.2 | | 163 |
| 04 05 76 1000 | | | .3 | | 0.026 | 0.004 | 0.012 | 0.380 | 0.003 | 0.005L | | 3.4 | | |
| 13 07 76 1030 | | | .3 | | 0.054 | 0.029 | 0.012 | 0.540 | 0.003 | 0.005L | 163.0 | 3.8 | | |
| 01 09 76 1030 | | | .3 | | 0.045 | 0.018 | 0.014 | 0.450 | 0.003 | 0.037 | 156.0 | 2.7 | | |
| 06 10 76 1030 | | | .3 | | 0.071 | 0.030 | 0.018 | 0.650 | 0.004 | 0.011 | 176.0 | 10.0 | | |
| 03 11 76 1100 | | | .3 | | 0.083 | 0.039 | 0.042 | 0.620 | 0.004 | 0.026 | 222.0 | 6.7 | | |
| 07 12 76 1130 | | | .3 | | 0.066 | 0.011 | 0.104 | 0.680 | 0.004 | 0.106 | 231.0 | 13.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.083
 0.049
 0.021

0.012
 0.006
 0.003

1.220
 0.2750
 0.005

301.0
 205.9
 156.0

13.0
 6.1
 2.7

254
 174
 88

NO OF SAMPLES

10 10 10 10 10 10

7

9 4

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHQS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 01 76 1045 | | | .3 | | 450 | 8.00 | 12.0 | | | | | | | |
| 03 02 76 1030 | | | .3 | | 390 | 6.90 | 8.8 | | | | | | | |
| 02 03 76 1130 | | | .3 | | 295 | 5.40 | 8.2 | | | | | | | |
| 06 04 76 1120 | | | .3 | | 136 | 2.20 | 4.0 | | | | | | | |
| 04 05 76 1000 | | | .3 | | 250 | 2.80 | 6.8 | | | | | | | |
| 13 07 76 1030 | | | .3 | | 247 | 5.10 | 6.7 | | | | | | | |
| 01 09 76 1030 | | | .3 | | 234 | 2.20 | 7.0 | | | | | | | |
| 06 10 76 1030 | | | .3 | | 255 | 5.00 | 7.7 | | | | | | | |
| 03 11 76 1100 | | | .3 | | 330 | 7.50 | 12.0 | | | | | | | |
| 07 12 76 1130 | | | .3 | | 335 | 8.80 | 12.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

450
 292
 136

8.80
 5.39
 2.20

12.0
 8.5
 4.0

NO OF SAMPLES

10 10 10

B.C.W./ SITE, GANANQUE RIVER
 SAMPLE POINT: AT RAILWAY TRESTLE, CANADIAN STEEL, GANANQUE
 STATION TYPE: RIVER

STATION ID 12-0017-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST. LAWRENCE RIVER
 TRIBUTARY: GANANQUE RIVER

STORE CODE: 02
 005
 1280

STN NO 1 LAT LONG U.T.M. 18 0406850.0 4906850.0 4 REGION 04 MILEAGE 0.60

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 200 |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 0810 | | | .3 | | 19512 | 4 6 8 | | 3900. | 830. | 240. | | 0.0 | 10.0 | 0.8 |
| 03 02 76 0745 | | | .3 | | 19529 | 4 6 8 | | 1300. | 300. | 200. | | 0.0 | 8.0 | 1.8 |
| 02 03 76 0900 | | | .3 | | 19546 | 6 8 | | 200. | 50. | 10. | | 0.0 | 11.0 | 0.4 |
| 24 03 76 1120 | | | .3 | | 17177 | 6 3 | | | | | | 3.5 | 10.2 | 0.8 |
| 06 04 76 0800 | | | .3 | | 19563 | 6 3 8 | | 10. | 1. | 1. | | 5.0 | 17.0 | 1.2 |
| 04 05 76 0730 | | | .3 | | 19580 | 6 8 | | 250. | 1. | 4. | | 16.0 | 12.0 | 1.4 |
| 09 06 76 0810 | | | .3 | | 19597 | 6 8 9 | | 6000. | | 16 | | 20.0 | 12.0 | 3.6 |
| 29 06 76 1015 | | | .3 | | 17289 | 5 8 | | | | | | 23.0 | 5.5 | 1.0 |
| 13 07 76 0805 | | | .3 | | 19614 | 6 8 | | 2000. | | 12. | | 20.0 | 8.0 | 0.4 |
| 04 08 76 0810 | | | .3 | | 19631 | 6 8 | | 1000. | | 8. | | 20.0 | 10.0 | 1.0 |
| 01 09 76 0830 | | | .3 | | 19648 | 6 8 | | 4400. | 20. | 10 | L | 20.0 | 8.0 | 2.4 |
| 08 09 76 1115 | | | .3 | | 17376 | 5 7 9 | | 900. | 56. | 4. | | 20.0 | 11.2 | 0.8 |
| 06 10 76 0800 | | | .3 | | 19665 | 6 8 | | 1300. | 92. | 4. | | 15.0 | 11.0 | 2.0 |
| 03 11 76 0900 | | | .3 | | 19682 | 6 8 | | 1200. | 68. | 40. | | 6.0 | 13.0 | 1.5 |
| 07 12 76 0945 | | | .3 | | 19699 | 4 6 8 | | 360. | 64. | 12. | | 0.0 | 6.0 | 1.0 |
| 08 12 76 1100 | | | .3 | | 17508 | 4 | | 1100. | 136. | 32. | | 3.8 | 9.1 | 1.2 |

MAXIMUM
 AVG OR GEOM MN ()
 MINIMUM

6000.
 831.
 10.

830.
 43.
 1.

240.
 14.
 1.

D

23.0
 10.4
 0.0

17.0
 10.1
 5.5

3.6
 1.3
 0.4

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 0810 | | | .3 | | 0.100 | 0.074 | 0.080 | 0.550 | 0.003 | 0.040 | 171.0 | 2.0 | | 169 |
| 03 02 76 0745 | | | .3 | | 0.016 | 0.041 | 0.080 | 0.960 | 0.010 | 0.190 | 177.0 | 21.0 | | 156 |
| 02 03 76 0900 | | | .3 | | 0.035 | 0.008 | 0.014 | 0.450 | 0.005 | 0.285 | | | | 143 |
| 24 03 76 1120 | | | .3 | | 0.038 | 0.013 | 0.042 | 0.430 | 0.006 | 0.224 | | | 7.5 | 124 |
| 06 04 76 0800 | | | .3 | | 0.062 | 0.018 | 0.038 | 0.490 | 0.003 | 0.067 | | | 3.7 | 143 |
| 04 05 76 0730 | | | .3 | | 0.045 | 0.003 | 0.002 | 0.600 | 0.002 | 0.005L | 167.0 | 4.0 | | |
| 09 06 76 0810 | | | .3 | | | | | | | | 154.0 | 4.0 | | 150 |
| 29 06 76 1015 | | | .3 | | 0.148 | 0.093 | 0.096 | 0.670 | 0.018 | 0.017 | 156.0 | 3.3 | | 153 |
| 13 07 76 0805 | | | .3 | | 0.125 | 0.090 | 0.060 | 0.650 | 0.018 | 0.005L | 159.0 | 2.8 | | |
| 04 08 76 0810 | | | .3 | | | | | | | | 153.0 | 3.2 | | 150 |
| 01 09 76 0830 | | | .3 | | 0.290 | 0.190 | 0.250 | 0.920 | 0.019 | 0.056 | 163.0 | 4.3 | | |
| 08 09 76 1115 | | | .3 | | 0.126 | 0.087 | 0.062 | 0.610 | 0.002 | 0.005L | 157.0 | 2.1 | | |
| 06 10 76 0800 | | | .3 | | 0.104 | 0.060 | 0.188 | 0.920 | 0.009 | 0.026 | 160.0 | 3.8 | | |
| 03 11 76 0900 | | | .3 | | 0.062 | 0.034 | 0.004 | 0.590 | 0.003 | 0.027 | 173.0 | 9.8 | | |
| 07 12 76 0945 | | | .3 | | 0.061 | 0.033 | 0.050 | 0.570 | 0.003 | 0.037 | 184.0 | 2.4 | | |
| 08 12 76 1100 | | | .3 | | 0.098 | 0.043 | 0.054 | 0.520 | 0.003 | 0.027 | 191.0 | 1.9 | | 189 |

MAXIMUM
 AVG OR GEOM MN ()
 MINIMUM

0.290
 0.094
 0.016

0.190
 0.056
 0.003

0.250
 0.073
 0.002

0.960
 0.638
 0.430

0.019
 0.007
 0.002

0.285
 0.072D
 0.005

191.0
 166.5
 153.0

21.0
 5.1
 1.9

189
 153
 124

NO OF SAMPLES

14

14

14

14

14

14

13

15

9

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 01 76 0810 | | | .3 | | 260 | 1.10 | 5.9 | | | | | | | |
| 03 02 76 0745 | | | .3 | | 240 | 5.70 | 6.5 | | | | | | | |
| 02 03 76 0900 | | | .3 | | 225 | 4.50 | 5.8 | | | | | | | |
| 24 03 76 1120 | | | .3 | | 190 | 5.60 | 4.8 | 13.0 | 1.85 | | | 7.60 | 0.40 | |
| 06 04 76 0800 | | | .3 | | 215 | 2.40 | 5.4 | 14.0 | 1.65 | | | | 0.20 | |
| 04 05 76 0730 | | | .3 | | 250 | 3.30 | 5.8 | 13.5 | 1.30 | | | | | 0.400 |
| 09 06 76 0810 | | | .3 | | 230 | 2.40 | | | | | | | | |
| 29 06 76 1015 | | | .3 | | 237 | 3.30 | 5.1 | 12.5 | 1.70 | | | 7.59 | | 0.170 |
| 13 07 76 0805 | | | .3 | | 240 | 2.20 | 5.5 | | | | | 7.80 | | |
| 04 08 76 0810 | | | .3 | | 230 | 1.70 | | | | | | 7.61 | | |
| 01 09 76 0830 | | | .3 | | 247 | 2.30 | 7.0 | | | | | | | |
| 08 09 76 1115 | | | .3 | | 230 | 1.40 | 5.4 | | | | | | | |
| 06 10 76 0800 | | | .3 | | 240 | 1.20 | 6.1 | | | | | | | |
| 03 11 76 0900 | | | .3 | | 250 | 3.40 | 6.3 | | | | | | | |
| 07 12 76 0945 | | | .3 | | 280 | 3.00 | 7.5 | | | | | | | |
| 08 12 76 1100 | | | .3 | | 290 | 2.00 | 8.6 | 19.0 | 1.35 | | | 7.54 | | 0.150 |

MAXIMUM
 AVG OR GEOM MN ()
 MINIMUM

290
 241
 190

5.70
 2.84
 1.10

8.6
 6.1
 4.8

19.0
 14.4
 12.5

1.85
 1.57
 1.30

7.80
 7.63
 7.54

0.40
 0.30
 0.20

0.400
 0.240
 0.150

NO OF SAMPLES

16

16

14

5

5

5

2

3

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 13 | 01 | 76 | 0810 | | | .3 | | | | | | | | | | | |
| 03 | 02 | 76 | 0745 | | | .3 | | | | | | | | | | | |
| 02 | 03 | 76 | 0900 | | | .3 | | | | | | | | | | | |
| 24 | 03 | 76 | 1120 | | | .3 | | 2.0 | | | | | | | 5 | 16 | 1 |
| 06 | 04 | 76 | 0800 | | | .3 | | | | | | | | | | | |
| 04 | 05 | 76 | 0730 | | | .3 | | | | | | | | | | | |
| 09 | 06 | 76 | 0810 | | | .3 | | 1.0L | | | | | | | 13 | 24 | |
| 29 | 06 | 76 | 1015 | | | .3 | | 1.0L | | | | | | | 5 | 24 | |
| 13 | 07 | 76 | 0805 | | | .3 | | | | | | | | | | | |
| 04 | 08 | 76 | 0810 | | | .3 | | 1.0L | | | | | | | 15 | 20 | |
| 01 | 09 | 76 | 0830 | | | .3 | | | | | | | | | | | |
| 08 | 09 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 06 | 10 | 76 | 0800 | | | .3 | | | | | | | | | | | |
| 03 | 11 | 76 | 0900 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 0945 | | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | 11 | 26 | 2 |
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 15 | 26 | 2 |
| AVG OR GEOM MN (*) | | | | | | | | 1.2D | | | | | | | 10 | 22 | 2 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 5 | 16 | 1 |
| NO OF SAMPLES | | | | | | | | 5 | | | | | | | 5 | 5 | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 233 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 03 | 76 | 1120 | | | .3 | | 0.001L | 0.05 L | | 0.04 L | 0.02 L | 0.01 L | 0.01 L | 0.01 L | | 0.01 L |
| 29 | 06 | 76 | 1015 | | | .3 | | 0.001L | 0.060L | | 0.010L | 0.010 | 0.010L | 0.010L | 0.010 | | 0.010 |
| 08 | 12 | 76 | 1100 | | | .3 | | 0.001L | | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.060 | | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | | 0.01 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.055D | | 0.023D | 0.013D | 0.010D | 0.008D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.05 | | 0.010 | 0.010 | 0.01 | 0.005 | 0.01 | | 0.01 |
| NO OF SAMPLES | | | | | | | | 3 | 2 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401
STATION TYPE: RIVER

STATION ID: 12-0017-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

| STN NO | 4 | LAT | LONG | U.T.M. 18 0405150.0 4912400.0 4 | | | | REGION 04 | MILEAGE | 3.80 | | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 0845 | | | .3 | | 19513 | 4 6 8 | | 50. | 4. | 4. | | 0.0 | 12.0 | 1.0 |
| 03 | 02 | 76 | 0810 | | | .3 | | 19530 | 4 6 8 | | 80. | 8. | 12. | | 0.0 | 12.0 | 1.0 |
| 02 | 03 | 76 | 0930 | | | .3 | | 19547 | 6 8 | | 10. | 1. | 12. | | 0.0 | 16.0 | 0.8 |
| 06 | 04 | 76 | 0830 | | | .3 | | 19564 | 3 6 8 | | 10. | 1. | 1. | | 5.0 | 16.0 | 1.0 |
| 04 | 05 | 76 | 0800 | | | .3 | | 19581 | 6 8 | | 200. | 1. | 1. | | 10.0 | 14.0 | 1.2 |
| 09 | 06 | 76 | 0900 | | | .3 | | 19598 | 6 8 | | 100. | | 1. | | 29.0 | 11.0 | |
| 13 | 07 | 76 | 0830 | | | .3 | | 19615 | 6 8 | | 100. | | 1. | | 20.0 | 8.0 | 0.4 |
| 04 | 08 | 76 | 0830 | | | .3 | | 19632 | 6 8 | | 40. | | 1. | | 20.0 | 10.0 | |
| 01 | 09 | 76 | 0845 | | | .3 | | 19649 | 6 8 | | 100. | 10. L | 20. | | 15.0 | 9.0 | 0.8 |
| 06 | 10 | 76 | 0820 | | | .3 | | 19666 | 6 8 | | 90. | 4. | 1. | | 15.0 | 11.0 | 1.8 |
| 03 | 11 | 76 | 0920 | | | .3 | | 19683 | 6 8 | | 60. | 12. | 1. | | 5.0 | 15.0 | 1.4 |
| 07 | 12 | 76 | 1010 | | | .3 | | 19700 | 4 6 8 | | 30. | 2. L | 2. L | | 0.0 | 4.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | 200. | 12. | 20. | | 29.0 | 16.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 53.* | 3.* D | 2.* D | | 10.3 | 11.5 | 1.0 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 4.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 01 | 76 | 0845 | | | .3 | | 0.043 | 0.010 | 0.020 | 0.460 | 0.003 | 0.030 | 152.0 | 6.0 | | 146 |
| 03 | 02 | 76 | 0810 | | | .3 | | 0.051 | 0.012 | 0.010 | 0.470 | 0.004 | 0.080 | 127.0 | 10.0 | | 117 |
| 02 | 03 | 76 | 0930 | | | .3 | | 0.025 | 0.004 | 0.006 | 0.410 | 0.004 | 0.191 | 152.0 | 2.5 | | 150 |
| 06 | 04 | 76 | 0830 | | | .3 | | 0.024 | 0.002 | 0.002 | 0.420 | 0.002 | 0.063 | | 2.4 | | 140 |
| 04 | 05 | 76 | 0800 | | | .3 | | 0.039 | 0.002 | 0.002 | 0.490 | 0.002 | 0.005L | | 3.2 | | 159 |
| 09 | 06 | 76 | 0900 | | | .3 | | | | | | | | | | | |
| 13 | 07 | 76 | 0830 | | | .3 | | 0.040 | 0.018 | 0.032 | 0.560 | 0.002 | 0.005L | 145.0 | 1.7 | | |
| 04 | 08 | 76 | 0830 | | | .3 | | | | | | | | | | | |
| 01 | 09 | 76 | 0845 | | | .3 | | 0.026 | 0.016 | 0.006 | 0.440 | 0.001 | 0.005L | 149.0 | 3.1 | | |
| 06 | 10 | 76 | 0820 | | | .3 | | 0.017 | 0.002 | 0.004 | 0.460 | 0.001 | 0.005L | 152.0 | 2.1 | | |
| 03 | 11 | 76 | 0920 | | | .3 | | 0.035 | 0.015 | 0.008 | 0.590 | 0.002 | 0.005L | 158.0 | 5.1 | | |
| 07 | 12 | 76 | 1010 | | | .3 | | 0.023 | 0.002 | 0.010 | 0.500 | 0.001 | 0.009 | 174.0 | 2.1 | | |
| MAXIMUM | | | | | | | | 0.051 | 0.018 | 0.032 | 0.590 | 0.004 | 0.191 | 174.0 | 10.0 | | 159 |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.008 | 0.010 | 0.480 | 0.002 | 0.040D | 151.1 | 3.8 | | 142 |
| MINIMUM | | | | | | | | 0.017 | 0.002 | 0.002 | 0.410 | 0.001 | 0.005 | 127.0 | 1.7 | | 117 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | | 5 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 01 | 76 | 0845 | | .3 | | 225 | 4.00 | 6.4 | | | | | | | |
| 03 | 02 | 76 | 0810 | | .3 | | 180 | 7.40 | 4.6 | | | | | | | |
| 02 | 03 | 76 | 0930 | | .3 | | 235 | 2.80 | 5.5 | | | | | | | |
| 06 | 04 | 76 | 0830 | | .3 | | 215 | 2.20 | 4.8 | | | | | | | |
| 04 | 05 | 76 | 0800 | | .3 | | 245 | 2.20 | 5.4 | | | | | | | |
| 13 | 07 | 76 | 0830 | | .3 | | 220 | 1.90 | 4.3 | | | | | | | |
| 01 | 09 | 76 | 0845 | | .3 | | 225 | 0.90 | 4.6 | | | | | | | |
| 06 | 10 | 76 | 0820 | | .3 | | 230 | 0.90 | 4.5 | | | | | | | |
| 03 | 11 | 76 | 0920 | | .3 | | 235 | 2.20 | 5.3 | | | | | | | |
| 07 | 12 | 76 | 1010 | | .3 | | 265 | 2.00 | 6.0 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 265 | 7.40 | 6.4 |
| AVG OR GEOM MN (") | 228 | 2.65 | 5.1 |
| MINIMUM | 180 | 0.90 | 4.3 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W. / SITE: LARUE MILLS CREEK
SAMPLE POINT: THOUSAND ISLAND PARKWAY, LARUE MILLS
STATION TYPE: RIVER

STATION ID: 12-0027-061-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: LARUE MILLS CREEK

STORET CODE: 02
005
0970

STN NO 1 LAT LONG U.T.M. 18 0429600.0 4920225.0 4 REGION 04 MILEAGE 0.10

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 03 | 76 | 1210 | | .3 | | 17178 | 6.3 | | 10. | 1. | 44. | | 2.0 | 12.2 | 0.6 |
| 22 | 04 | 76 | 0935 | | .3 | | 17200 | 5.8 | 9 | 100. | 100. L | 200. | | 16.0 | 7.0 | 1.4 |
| 18 | 05 | 76 | 0935 | | .3 | | 17202 | 5 | | 80. | 4. | 20. | | 17.0 | 7.0 | 1.2 |
| 14 | 06 | 76 | 0950 | | .3 | | 17248 | 5.9 | | 650. | | 16. | | 20.0 | 6.0 | 1.4 |
| 19 | 07 | 76 | 0925 | | .3 | | 17293 | 5 | | 100. | 1. | 4. | | 20.5 | 7.0 | 0.6 |
| 09 | 08 | 76 | 0915 | | .3 | | 17334 | 5 | | 400. | 52. | 20. | | 19.0 | 5.4 | 1.4 |
| 13 | 09 | 76 | 0930 | | .3 | | 17380 | 5.9 | | 700. | 108. | 320. | | 15.9 | 8.0 | 0.8 |
| 25 | 10 | 76 | 0935 | | .3 | | 17428 | | | 10. | 4. | 12. | | 2.0 | | 1.5 |
| 22 | 11 | 76 | 0915 | | .3 | | 17469 | | | | | | | 2.8 | 11.0 | 0.4 |

| | | | | | | |
|--------------------|-------|--------|------|------|------|-----|
| MAXIMUM | 700. | 108. | 320. | 20.5 | 12.2 | 1.5 |
| AVG OR GEOM MN (") | 105.* | 10.* D | 31.* | 12.8 | 8.0 | 1.0 |
| MINIMUM | 10. | 1. | 4. | 2.0 | 5.4 | 0.4 |
| NO OF SAMPLES | 8 | 7 | 8 | 9 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 03 | 76 | 1210 | | .3 | | 0.029 | 0.015 | 0.012 | 0.330 | 0.005 | 0.190 | | 3.8 | | 88 |
| 22 | 04 | 76 | 0935 | | .3 | | 0.100 | 0.033 | 0.080 | 1.000 | 0.008 | 0.005L | | | | |
| 18 | 05 | 76 | 0935 | | .3 | | 0.059 | 0.036 | 0.002 | 0.880 | 0.010 | 0.005L | 176.0 | 3.9 | | 172 |
| 14 | 06 | 76 | 0950 | | .3 | | 0.098 | 0.054 | 0.004 | 0.860 | 0.003 | 0.007 | 210.0 | 5.4 | | |
| 19 | 07 | 76 | 0925 | | .3 | | 0.098 | 0.046 | 0.002L | 0.940 | 0.003 | 0.005L | 218.0 | 2.6 | | |
| 09 | 08 | 76 | 0915 | | .3 | | 0.170 | 0.076 | 0.030 | 1.080 | 0.005 | 0.005 | 223.0 | 18.0 | | |
| 13 | 09 | 76 | 0930 | | .3 | | 0.074 | 0.042 | 0.016 | 0.600 | 0.003 | 0.007 | 270.0 | 10.0 | | |
| 25 | 10 | 76 | 0935 | | .3 | | 0.112 | 0.043 | 0.014 | 0.760 | 0.005 | 0.015 | 162.0 | 2.5 | | |
| 22 | 11 | 76 | 0915 | | .3 | | 0.050 | 0.019 | 0.002L | 0.550 | 0.003 | 0.007 | 218.0 | 3.1 | | |

| | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|-------|------|-----|
| MAXIMUM | 0.170 | 0.076 | 0.080 | 1.080 | 0.010 | 0.190 | 270.0 | 18.0 | 172 |
| AVG OR GEOM MN (") | 0.088 | 0.040 | 0.018D | 0.778 | 0.005 | 0.027D | 211.0 | 6.2 | 130 |
| MINIMUM | 0.029 | 0.015 | 0.002 | 0.330 | 0.003 | 0.005 | 162.0 | 2.5 | 88 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 8 | 2 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 03 | 76 | 1210 | | .3 | | 135 | 5.20 | 7.4 | | | | | | | |
| 22 | 04 | 76 | 0935 | | .3 | | 285 | 2.60 | 15.0 | | | | | | | |
| 18 | 05 | 76 | 0935 | | .3 | | 265 | 2.50 | 11.0 | | | | | | | |
| 14 | 06 | 76 | 0950 | | .3 | | 316 | 2.40 | 12.5 | | | | | | | |
| 19 | 07 | 76 | 0925 | | .3 | | 328 | 2.20 | 13.5 | | | | | | | |
| 09 | 08 | 76 | 0915 | | .3 | | 315 | 3.30 | 12.0 | | | | | | | |
| 13 | 09 | 76 | 0930 | | .3 | | 400 | 2.40 | 29.0 | | | | | | | |
| 25 | 10 | 76 | 0935 | | .3 | | 460 | 8.80 | 9.4 | | | | | | | |
| 22 | 11 | 76 | 0915 | | .3 | | 330 | 2.60 | 13.0 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 460 | 8.80 | 29.0 |
| AVG OR GEOM MN (") | 315 | 3.56 | 13.6 |
| MINIMUM | 135 | 2.20 | 7.4 |
| NO OF SAMPLES | 9 | 9 | 9 |

B.O.W./ SITE: BUTLERS CREEK
SAMPLE POINT: HIGHWAY 2, BROCKVILLE
STATION TYPE: RIVER

STATION ID: 12-0034-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: BUTLERS CREEK

STORET CODE: 02
001
0840

| STN NO | | 1 | LAT | | LONG | | U.T.M. 18 0445100.0 4936980.0 4 | | | | | REGION 04 | | MILEAGE | | 0.31 |
|---------------|------|-----|-------|------|------|--------|---------------------------------|----------|----------|----------|----------|-----------|-------|---------|-------|------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | |
| | FEET | | MTRS | | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOO | |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | |
| 24 03 76 1240 | | | .3 | | | 17179 | 6 3 | | | | | | 4.5 | 12.2 | 1.2 | |
| 22 04 76 1020 | | | .3 | | | 17201 | 5 | | 13000. | 5500. | 1500. G | | 15.0 | 8.0 | 3.4 | |
| 18 05 76 1020 | | | .3 | | | 17203 | 5 | | 15000. G | 1400. | 300. | | 12.0 | 9.0 | 2.0 | |
| 14 06 76 1030 | | | .3 | | | 17249 | 5 | | 6000. | 200. | 20. | | 22.0 | 5.2 | 1.8 | |
| 19 07 76 1000 | | | .3 | | | 17294 | 5 | | 61000. | | 76. | | 18.8 | 6.5 | 2.1 | |
| 09 08 76 1000 | | | .3 | | | 17335 | 5 | | 10300. | 1. | 30. | | 19.1 | 5.6 | 2.0 | |
| 13 09 76 1015 | | | .3 | | | 17381 | 5 | | 12300E+1 | 7800. | 528. | | 18.6 | 8.2 | 2.9 | |
| 25 10 76 1025 | | | .3 | | | 17429 | | | 12000E+1 | 22000. | 3200. | | 4.9 | | 2.9 | |
| 22 11 76 0955 | | | .3 | | | 17470 | | | 10400E+1 | 18000. | 4200. | | 4.8 | 10.4 | 2.5 | |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 03 76 1240 | | | .3 | | 0.102 | 0.020 | 0.146 | 0.750 | 0.013 | 0.522 | 239.0 | 37.0 | | |
| 22 04 76 1020 | | | .3 | | 0.142 | 0.059 | 0.188 | 1.240 | 0.042 | 0.668 | | 15.0 | | |
| 18 05 76 1020 | | | .3 | | 0.094 | 0.031 | 0.116 | 1.070 | 0.020 | 0.290 | 656.0 | 7.1 | | |
| 14 06 76 1030 | | | .3 | | 0.121 | 0.061 | 0.250 | 1.030 | 0.048 | 0.272 | 357.0 | 15.6 | | |
| 19 07 76 1000 | | | .3 | | 0.198 | 0.092 | 0.282 | 1.460 | 0.065 | 0.375 | 376.0 | 17.0 | | |
| 09 08 76 1000 | | | .3 | | 0.172 | 0.115 | 0.278 | 0.980 | 0.095 | 0.435 | 335.0 | 20.0 | | |
| 13 09 76 1015 | | | .3 | | 0.200 | 0.088 | 0.302 | 1.160 | 0.037 | 0.158 | 277.0 | 11.0 | | |
| 25 10 76 1025 | | | .3 | | 0.143 | 0.079 | 0.148 | 1.090 | 0.011 | 0.339 | 325.0 | 20.0 | | |
| 22 11 76 0955 | | | .3 | | 0.188 | 0.084 | 0.282 | 0.950 | 0.007 | 0.228 | 300.0 | | | |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 24 03 76 1240 | | | .3 | | 310 | 16.00 | 28.0 | | | | | | | |
| 22 04 76 1020 | | | .3 | | 235 | 7.60 | 120.0 | | | | | | | |
| 18 05 76 1020 | | | .3 | | 3800 | 30.00 | 475.0 | | | | | | | |
| 14 06 76 1030 | | | .3 | | 540 | 2.30 | 52.5 | | | | | | | |
| 19 07 76 1000 | | | .3 | | 540 | 8.70 | 51.0 | | | | | | | |
| 09 08 76 1000 | | | .3 | | 495 | 7.10 | 59.0 | | | | | | | |
| 13 09 76 1015 | | | .3 | | 430 | 8.00 | 36.5 | | | | | | | |
| 25 10 76 1025 | | | .3 | | 495 | 4.80 | 35.5 | | | | | | | |
| 22 11 76 0955 | | | .3 | | 475 | 6.20 | 35.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

STATION ID: 12-0053-001-02

B.O.W./ SITE: NASH CREEK
SAMPLE POINT: HIGHWAY 2, EAST OF MORRISBURG
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: NASH CREEK

STORET CODE: 02
005
0480

| STN NO | 1 | LAT | LONG | U.T.M. 18 0486600.0 4972400.0 4 | | | | REGION 04 | | MILEAGE | 0.60 | | |
|---------------|------|-----|---------|---------------------------------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 16 02 76 0930 | | | .3 | 17075 | 4 | | 20. | 0. | 4. | | | | 3.4 |
| 18 05 76 1115 | | | .3 | 17204 | 5 8 | | 15000. G | 6900. | 400. | | 13.5 | 7.5 | 1.0 |
| 14 06 76 1125 | | | .3 | 17250 | 5 8 | | 100. | 100. | 10. L | | 21.6 | 9.5 | 1.0 |
| 19 07 76 1105 | | | .3 | 17295 | 5 | | 400. | | 8. | | 20.5 | 10.0 | 0.8 |
| 09 08 76 1045 | | | .3 | 17336 | 5 | | 60. | 1. | 4. | | 18.8 | 7.2 | 1.8 |
| 13 09 76 1105 | | | .3 | 17382 | 5 | | 200. | 8. | 4. | | 17.3 | 9.6 | 1.0 |
| 25 10 76 1130 | | | .3 | 17430 | | | 300. | 20. | 56. | | 2.5 | | 1.6 |
| 22 11 76 1045 | | | .3 | 17471 | | | 540. | 196. | 40. | | 1.2 | 11.7 | 0.8 |

MAXIMUM
AVG OR GEOM MN (+)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 4 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 | 02 | 76 | 0930 | | | .3 | 0.254 | 0.052 | 0.400 | 1.940 | 0.009 | 0.005L | 382.0 | 5.4 | | 176 |
| 18 | 05 | 76 | 1115 | | | .3 | 0.033 | 0.009 | 0.016 | 0.980 | 0.012 | 0.005L | 162.0 | 5.5 | | |
| 14 | 06 | 76 | 1125 | | | .3 | 0.044 | 0.011 | 0.022 | 1.180 | 0.005 | 0.005 | 172.0 | 2.6 | | |
| 19 | 07 | 76 | 1105 | | | .3 | 0.058 | 0.010 | 0.014 | 1.600 | 0.005 | 0.005 | 383.0 | 3.2 | | |
| 09 | 08 | 76 | 1045 | | | .3 | 0.116 | 0.037 | 0.066 | 1.580 | 0.005 | 0.005 | 218.0 | 26.0 | | |
| 13 | 09 | 76 | 1105 | | | .3 | 0.060 | 0.019 | 0.016 | 1.220 | 0.003 | 0.005L | 234.0 | 19.0 | | |
| 25 | 10 | 76 | 1130 | | | .3 | 0.066 | 0.028 | 0.004 | 0.840 | 0.004 | 0.011 | 210.0 | 1.7 | | |
| 22 | 11 | 76 | 1045 | | | .3 | 0.035 | 0.012 | 0.020 | 0.850 | 0.003 | 0.005L | 230.0 | 1.6 | | |

| | | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|-------|------|--|-----|
| NAXIMUM | 0.254 | 0.052 | 0.400 | 1.940 | 0.012 | 0.011 | 383.0 | 26.0 | | 176 |
| AVG OR GEOM MN (") | 0.083 | 0.022 | 0.070 | 1.274 | 0.006 | 0.0060 | 251.4 | 8.1 | | 176 |
| MINIMUM | 0.033 | 0.009 | 0.004 | 0.840 | 0.003 | 0.005 | 172.0 | 1.6 | | 176 |

NO OF SAMPLES 8 8 8 8 8 8 8 8 8 1

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 16 | 02 | 76 | 0930 | | | .3 | 470 | 15.00 | 21.0 | | | | | | | |
| 18 | 05 | 76 | 1115 | | | .3 | 270 | 2.50 | 5.5 | | | | | | | |
| 14 | 06 | 76 | 1125 | | | .3 | 260 | 2.00 | 3.6 | | | | | | | |
| 19 | 07 | 76 | 1105 | | | .3 | 485 | 2.90 | 38.5 | | | | | | | |
| 09 | 08 | 76 | 1045 | | | .3 | 295 | 7.10 | 6.7 | | | | | | | |
| 13 | 09 | 76 | 1105 | | | .3 | 330 | 7.00 | 9.3 | | | | | | | |
| 25 | 10 | 76 | 1130 | | | .3 | 320 | 1.60 | 8.3 | | | | | | | |
| 22 | 11 | 76 | 1045 | | | .3 | 350 | 1.60 | 10.5 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|-----|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| NAXIMUM | 485 | 15.00 | 38.5 | | | | | | | | | | | | | |
| AVG OR GEOM MN (") | 348 | 4.96 | 12.9 | | | | | | | | | | | | | |
| MINIMUM | 260 | 1.60 | 3.6 | | | | | | | | | | | | | |

NO OF SAMPLES 8 8 8

B.O.W. / SITE: HOOPLE CREEK
SAMPLE POINT: SECOND CONCESSION ROAD EAST OF INGLESIDE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: HOOPLE CREEK

STATION ID: 12-0060-001-02

STORET CODE: 02
005
0410

| STN NO | | 1 | LAT | | LONG | | U.T.M. 18 0503390.0 4984325.0 4 | | | | REGION 04 | | MILEAGE | | 1.80 | | |
|--------|----|-----|------|-----|------|------|---------------------------------|--------|-----|------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP | | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 16 | 02 | 76 | 1025 | | | | .3 | 17076 | 4 | | 52. | 8. | 16. | | | | 5.5 |
| 18 | 05 | 76 | 1250 | | | | .3 | 17206 | 4.5 | | 100. | 100. | L | 100. | L | 13.5 | 2.8 |
| 14 | 06 | 76 | 1300 | | | | .3 | 17252 | 5 | | 410. | 64. | 28. | | 23.0 | 4.7 | 12.0 |
| 19 | 07 | 76 | 1230 | | | | .3 | 17297 | 5 | | 80. | | 68. | | 22.5 | 9.0 | 5.0 |
| 09 | 08 | 76 | 1200 | | | | .3 | 17338 | 5 | | 40. | 1. | 20. | | 20.0 | 6.1 | 5.0 |
| 13 | 09 | 76 | 1240 | | | | .3 | 17384 | 5 | | 500. | 152. | 1. | | 13.8 | 7.8 | 4.2 |
| 25 | 10 | 76 | 1255 | | | | .3 | 17432 | | | 400. | 60. | 56. | | 2.5 | | 2.3 |

| | | | | | | | |
|--------------------|-------|--------|--------|--|------|-----|------|
| NAXIMUM | 500. | 152. | 100. | | 23.0 | 9.0 | 12.0 |
| AVG OR GEOM MN (") | 145.* | 28.* D | 23.* D | | 15.9 | 6.8 | 5.3 |
| MINIMUM | 40. | 1. | 1. | | 2.5 | 4.7 | 2.3 |

NO OF SAMPLES 7 6 7 6 5 7

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 | 02 | 76 | 1025 | | | .3 | 0.910 | 0.170 | 0.600 | 3.040 | 0.019 | 0.381 | 442.0 | 192.0 | | 250 |
| 18 | 05 | 76 | 1250 | | | .3 | 0.235 | 0.110 | 0.410 | 1.760 | 0.026 | 0.034 | 315.0 | 55.0 | | 260 |
| 14 | 06 | 76 | 1300 | | | .3 | 0.655 | 0.280 | 0.600 | 3.100 | 0.290 | 0.285 | 435.0 | 85.0 | | |
| 19 | 07 | 76 | 1230 | | | .3 | 0.815 | 0.315 | 0.550 | 4.150 | 0.013 | 0.005L | 465.0 | 105.0 | | |
| 09 | 08 | 76 | 1200 | | | .3 | 1.260 | 0.500 | 0.600 | 3.200 | 0.081 | 0.139 | 450.0 | 61.0 | | |
| 13 | 09 | 76 | 1240 | | | .3 | 0.800 | 0.500 | 0.368 | 3.620 | 0.036 | 0.124 | 418.0 | 49.0 | | |
| 25 | 10 | 76 | 1255 | | | .3 | 0.108 | 0.041 | 0.014 | 1.340 | 0.009 | 0.481 | 363.0 | 5.0 | | |

| | | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|-------|-------|--|-----|
| NAXIMUM | 1.260 | 0.500 | 0.600 | 4.150 | 0.290 | 0.481 | 465.0 | 192.0 | | 260 |
| AVG OR GEOM MN (") | 0.683 | 0.274 | 0.449 | 2.887 | 0.068 | 0.2070 | 412.6 | 78.9 | | 255 |
| MINIMUM | 0.108 | 0.041 | 0.014 | 1.340 | 0.009 | 0.005 | 315.0 | 5.0 | | 250 |

NO OF SAMPLES 7 7 7 7 7 7 7 2

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 16 | 02 | 76 | 1025 | | | .3 | 385 | 55.00 | 18.0 | | | | | | | |
| 18 | 05 | 76 | 1250 | | | .3 | 400 | 30.00 | 9.2 | | | | | | | |
| 14 | 06 | 76 | 1300 | | | .3 | 457 | 63.00 | 14.0 | | | | | | | |
| 19 | 07 | 76 | 1230 | | | .3 | 530 | 55.00 | 38.5 | | | | | | | |
| 09 | 08 | 76 | 1200 | | | .3 | 560 | 40.00 | 37.5 | | | | | | | |
| 13 | 09 | 76 | 1240 | | | .3 | 570 | 38.00 | 34.0 | | | | | | | |
| 25 | 10 | 76 | 1255 | | | .3 | 465 | 3.20 | 9.4 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|-----|-------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| NAXIMUM | 570 | 63.00 | 38.5 | | | | | | | | | | | | | |
| AVG OR GEOM MN (") | 481 | 40.60 | 22.9 | | | | | | | | | | | | | |
| MINIMUM | 385 | 3.20 | 9.2 | | | | | | | | | | | | | |

NO OF SAMPLES 7 7 7 379

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: HIGHWAY 401, LANCASTER
STATION TYPE: RIVER

STATION ID: 12-0073-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | | 1 | LAT | | LONG | | U.T.M. 18 0538860.0 4997550.0 4 | | | | | REGION 04 | | MILEAGE | | 1.20 |
|----------|----|------|------|-----|-------|----|---------------------------------|-----|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE | | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR | | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 16 | 02 | 76 | 1130 | | .3 | | 17078 | 4 | | 34000. | 244. | 36. | | | | 0.8 |
| 18 | 05 | 76 | 1325 | | .3 | | 17207 | 2 5 | | 100. L | 100. L | 100. L | | 14.5 | 8.0 | 1.0 |
| 15 | 06 | 76 | 1220 | | .3 | | 17253 | 5 9 | | 20. | 4. | 1. | | 22.0 | 9.3 | 0.8 |
| 19 | 07 | 76 | 1310 | | .3 | | 17298 | 4 | | 30. | | 1. | | 23.0 | 6.7 | 0.8 |
| 09 | 08 | 76 | 1235 | | .3 | | 17339 | | | 1. | 1. | 1. | | 20.6 | 6.9 | 0.8 |
| 13 | 09 | 76 | 1320 | | .3 | | 17385 | 5 | | 40. | 4. | 1. | | 19.0 | 8.1 | 0.4 |
| 25 | 10 | 76 | 1335 | | .3 | | 17433 | | | 1700. | 116. | 216. | | 2.5 | | 1.9 |
| 22 | 11 | 76 | 1315 | | .3 | | 17473 | | | 320. | 128. | 6. | | 1.0 | 11.8 | 0.4 |

MAXIMUM
AVG OR GEOM MP (")
MINIMUM

34000.
120. * D
1.

244.
25. * D
1.

216.
7. * D
1.

23.0
14.7
1.0

11.8
8.5
6.7

1.9
0.9
0.4

NO OF SAMPLES

8

7

8

7

6

8

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|----------|-----------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 16 02 76 | 1130 | | | | .3 | | 0.038 | 0.011 | 0.145 | 0.970 | 0.011 | 0.524 | 302.0 | 5.0 | | |
| 18 05 76 | 1325 | | | | .3 | | 0.041 | 0.014 | 0.030 | 0.760 | 0.012 | 0.073 | 270.0 | 13.0 | | 257 |
| 15 06 76 | 1220 | | | | .3 | | 0.052 | 0.010 | 0.036 | 0.860 | 0.003 | 0.005L | 288.0 | 10.0 | | |
| 19 07 76 | 1310 | | | | .3 | | 0.060 | 0.010 | 0.036 | 0.820 | 0.002 | 0.005L | 267.0 | 4.3 | | |
| 09 08 76 | 1235 | | | | .3 | | 0.035 | 0.015 | 0.030 | 0.350 | 0.002 | 0.005L | 258.0 | 3.6 | | |
| 13 09 76 | 1320 | | | | .3 | | 0.027 | 0.009 | 0.018 | 0.530 | 0.001 | 0.005L | 277.0 | 3.7 | | |
| 25 10 76 | 1335 | | | | .3 | | 0.040 | 0.017 | 0.002 | 0.680 | 0.005 | 0.365 | 292.0 | 4.1 | | |
| 22 11 76 | 1315 | | | | .3 | | 0.053 | 0.028 | 0.006 | 0.400 | 0.004 | 0.166 | 330.0 | 6.3 | | |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM

0.060
0.043
0.027

0.028
0.014
0.009

0.145
0.038
0.002

0.970
0.671
0.350

0.012
0.005
0.001

0.524
0.1440
0.005

330.0
285.5
258.0

13.0
6.3
3.6

257
257
257

NO OF SAMPLES

8

8

8

8

8

8

8

8

1

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|----------|-----------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 16 02 76 | 1130 | | | | .3 | | 470 | 2.70 | 24.0 | | | | | | | |
| 18 05 76 | 1325 | | | | .3 | | 395 | 7.30 | 9.2 | | | | | | | |
| 15 06 76 | 1220 | | | | .3 | | 409 | 4.80 | 9.0 | | | | | | | |
| 19 07 76 | 1310 | | | | .3 | | 405 | 3.20 | 16.0 | | | | | | | |
| 09 08 76 | 1235 | | | | .3 | | 390 | 2.90 | 23.0 | | | | | | | |
| 13 09 76 | 1320 | | | | .3 | | 440 | 2.60 | 23.5 | | | | | | | |
| 25 10 76 | 1335 | | | | .3 | | 415 | 4.40 | 9.4 | | | | | | | |
| 22 11 76 | 1315 | | | | .3 | | 495 | 5.20 | 13.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM

495
427
390

7.30
4.14
2.60

24.0
15.9
9.0

NO OF SAMPLES

8

8

8

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT BRIDGE BETWEEN WILLIAMSTOWN AND LANCASTER
STATION TYPE: RIVER

STATION ID: 12-0073-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 2 | LAT | LONG | U.T.M. 18 0535950.0 4997600.0 4 | | | | | | | | REGION 04 | MILEAGE | 2.90 |
|--------------------|---------------|---------|-----------------|---------------------------------|-----------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 11 76 1300 | | | .3 | | 33504 | 8 | | | | | | 1.5 | 12.0 | 0.5L |
| 22 12 76 1605 | | | .3 | | 33519 | | | | | | | 1.5 | 11.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | | 1.5 | 12.0 | 1.0 |
| AVG OR GEOM MN (") | | | | | | | | | | | | 1.5 | 11.5 | 0.80 |
| MINIMUM | | | | | | | | | | | | 1.5 | 11.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 11 76 1300 | | | .3 | | 0.044 | 0.032 | 0.010 | 0.590 | 0.004 | 0.100 | | | | |
| 22 12 76 1605 | | | .3 | | 0.054 | 0.032 | 0.060 | 0.660 | 0.020 | 0.340 | | | | |
| MAXIMUM | | | | | 0.054 | 0.032 | 0.060 | 0.660 | 0.020 | 0.340 | | | | |
| AVG OR GEOM MN (") | | | | | 0.049 | 0.032 | 0.035 | 0.625 | 0.012 | 0.220 | | | | |
| MINIMUM | | | | | 0.044 | 0.032 | 0.010 | 0.590 | 0.004 | 0.100 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|--------------------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 | 11 | 76 | 1300 | | | | 480 | 5.00 | 20.0 | | | | | | | |
| 22 | 12 | 76 | 1605 | | | | 570 | 6.00 | 17.0 | | | | | | | |
| | | | | | | | MAXIMUM | 570 | 6.00 | 20.0 | | | | | | |
| | | | | | | | AVG OR GEOM MN (") | 525 | 5.50 | 18.5 | | | | | | |
| | | | | | | | MINIMUM | 480 | 5.00 | 17.0 | | | | | | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | | | | | | |

B.O.W. / SITE: RAISIN RIVER

SAMPLE POINT: AT FIRST BEND DOWNSTREAM FROM WILLIAMSTOWN

STATION TYPE: RIVER FLOW GAUGE FED 02MCOO1

STATION ID: 12-0073-003-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: ST LAWRENCE RIVER

TERM STREAM: RAISIN RIVER

STORET CODE: 02

005

0250

| STN NO | 3 | LAT | LONG | U.T.M. | 18 0533300.0 4998750.0 4 | REGION 04 | MILEAGE | 5.90 |
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------------------|-----|-------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 17 | 11 | 76 | 1226 | | | | 33502 | 8 | 64.80 | | | | | 2.0 | 14.0 | 0.5L |
| 22 | 12 | 76 | 1530 | | | | 33517 | | 25.50 | | | | | 1.0 | 12.0 | 2.0 |
| | | | | | | | MAXIMUM | | 64.80 | | | | 2.0 | 14.0 | 2.0 | |
| | | | | | | | AVG OR GEOM MN (") | | 45.15 | | | | 1.5 | 13.0 | 1.30 | |
| | | | | | | | MINIMUM | | 25.50 | | | | 1.0 | 12.0 | 0.5 | |
| | | | | | | | NO OF SAMPLES | | 2 | | | | 2 | 2 | 2 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|--------------------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 | 11 | 76 | 1226 | | | | 0.028 | 0.010 | 0.010 | 0.700 | 0.006 | 0.100 | | | | |
| 22 | 12 | 76 | 1530 | | | | 0.050 | 0.034 | 0.070 | 0.700 | 0.022 | 0.320 | | | | |
| | | | | | | | MAXIMUM | 0.050 | 0.034 | 0.070 | 0.022 | 0.320 | | | | |
| | | | | | | | AVG OR GEOM MN (") | 0.039 | 0.022 | 0.040 | 0.014 | 0.210 | | | | |
| | | | | | | | MINIMUM | 0.028 | 0.010 | 0.010 | 0.006 | 0.100 | | | | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|--------------------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 | 11 | 76 | 1226 | | | | 465 | 5.20 | 15.0 | | | | | | | |
| 22 | 12 | 76 | 1530 | | | | 540 | 7.50 | 14.0 | | | | | | | |
| | | | | | | | MAXIMUM | 540 | 7.50 | 15.0 | | | | | | |
| | | | | | | | AVG OR GEOM MN (") | 503 | 6.35 | 14.5 | | | | | | |
| | | | | | | | MINIMUM | 465 | 5.20 | 14.0 | | | | | | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | | | | | | |

B.O.W. / SITE: RAISIN RIVER

SAMPLE POINT: AT C P R RAILWAY BRIDGE UPSTREAM OF WILLIAMSTOWN

STATION TYPE: RIVER

STATION ID: 12-0073-004-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: ST LAWRENCE RIVER

TERM STREAM: RAISIN RIVER

STORET CODE: 02

005

0250

| STN NO | 4 | LAT | LONG | U.T.M. | 18 0532275.0 4999175.0 4 | REGION 04 | MILEAGE | 6.70 |
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|
|--------|---|-----|------|--------|--------------------------|-----------|---------|------|

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------------------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 17 | 11 | 76 | 1130 | | | | 33501 | 8 | | | | | | 2.0 | 13.0 | 0.5L |
| 22 | 12 | 76 | 1457 | | | | 33516 | | | | | | | 1.0 | 11.0 | 1.5 |
| | | | | | | | MAXIMUM | | | | | | 2.0 | 13.0 | 1.5 | |
| | | | | | | | AVG OR GEOM MN (") | | | | | | 1.5 | 12.0 | 1.00 | |
| | | | | | | | MINIMUM | | | | | | 1.0 | 11.0 | 0.5 | |
| | | | | | | | NO OF SAMPLES | | | | | | 2 | 2 | 2 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 | 11 | 76 | 1130 | | | .3 | 0.028 | 0.010 | 0.010 | 0.570 | 0.006 | 0.100 | | | | |
| 22 | 12 | 76 | 1457 | | | .3 | 0.032 | 0.014 | 0.110 | 0.820 | 0.018 | 0.300 | | | | |
| MAXIMUM | | | | | | | 0.032 | 0.014 | 0.110 | 0.820 | 0.018 | 0.300 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.030 | 0.012 | 0.060 | 0.695 | 0.012 | 0.200 | | | | |
| MINIMUM | | | | | | | 0.028 | 0.010 | 0.010 | 0.570 | 0.006 | 0.100 | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 | 11 | 76 | 1130 | | | .3 | 470 | 6.50 | 15.0 | | | | | | | |
| 22 | 12 | 76 | 1457 | | | .3 | 530 | 8.00 | 14.0 | | | | | | | |
| MAXIMUM | | | | | | | 530 | 8.00 | 15.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 500 | 7.25 | 14.5 | | | | | | | |
| MINIMUM | | | | | | | 470 | 6.50 | 14.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: RAISIN RIVER

SAMPLE POINT: AT RIVER BEND 1.4 MILES DOWNSTREAM FROM MARTINTOWN

STATION TYPE: RIVER

STATION ID: 12-0073-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 6 | LAT | LONG | U.T.M. 18 0523875.0 4998800.0 4 | | | | REGION 04 | MILEAGE | 12 60 | | | | | | |
|--------------------|-----|------|------|---------------------------------|------|-------|--------|-----------|---------|----------|----------|----------|----------|-------|-------|-------|
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 17 | 11 | 76 | 1045 | | | .3 | 33500 | 8 | | | | | | 2.0 | 13.0 | 0.5L |
| 22 | 12 | 76 | 1345 | | | .3 | 33515 | | | | | | | 1.0 | 10.0 | 2.5 |
| MAXIMUM | | | | | | | | | | | | | | 2.0 | 13.0 | 2.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 1.5 | 11.5 | 1.50 |
| MINIMUM | | | | | | | | | | | | | | 1.0 | 10.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | | | | 2 | 2 | 2 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 | 11 | 76 | 1045 | | | .3 | 0.050 | 0.016 | 0.020 | 0.800 | 0.010 | 0.090 | | | | |
| 22 | 12 | 76 | 1345 | | | .3 | 0.040 | 0.038 | 0.170 | 0.750 | 0.040 | 0.360 | | | | |
| MAXIMUM | | | | | | | 0.050 | 0.038 | 0.170 | 0.800 | 0.040 | 0.360 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.045 | 0.027 | 0.095 | 0.775 | 0.025 | 0.225 | | | | |
| MINIMUM | | | | | | | 0.040 | 0.016 | 0.020 | 0.750 | 0.010 | 0.090 | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 | 11 | 76 | 1045 | | | .3 | 460 | 8.00 | 14.0 | | | | | | | |
| 22 | 12 | 76 | 1345 | | | .3 | 510 | 6.50 | 13.0 | | | | | | | |
| MAXIMUM | | | | | | | 510 | 8.00 | 14.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 485 | 7.25 | 13.5 | | | | | | | |
| MINIMUM | | | | | | | 460 | 6.50 | 13.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: RAISIN RIVER
 SAMPLE POINT: AT FIRST BRIDGE UPSTREAM OF MARTINTOWN
 STATION TYPE: RIVER

STATION ID: 12-0073-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STORET CODE: 02
 005
 0250

| STN NO | 7 | LAT | LONG | U.T.M. 18 0521250.0 4998625.0 4 | | | | | | | REGION 04 | | MILEAGE | 16.10 |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 17 11 76 1425 | | | .3 | | 33507 | B | | | | | | 2.0 | 12.0 | 0.5L |
| 23 12 76 1540 | | | .3 | | 33529 | | | | | | | 1.0 | 8.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | | 2.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (%) | | | | | | | | | | | | 1.5 | 10.0 | 0.8D |
| MINIMUM | | | | | | | | | | | | 1.0 | 8.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KUJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 17 11 76 1425 | | | .3 | | 0.030 | 0.010 | 0.010 | 0.770 | 0.006 | 0.080 | | | | |
| 23 12 76 1540 | | | .3 | | 0.038 | 0.010 | 0.130 | 1.000 | 0.014 | 0.230 | | | | |
| MAXIMUM | | | | | 0.038 | 0.010 | 0.130 | 1.000 | 0.014 | 0.230 | | | | |
| AVG OR GEOM MN (%) | | | | | 0.034 | 0.010 | 0.070 | 0.885 | 0.010 | 0.155 | | | | |
| MINIMUM | | | | | 0.030 | 0.010 | 0.010 | 0.770 | 0.006 | 0.080 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 17 11 76 1425 | | | .3 | | 450 | 5.60 | 18.0 | | | | | | | |
| 23 12 76 1540 | | | .3 | | 510 | 8.00 | 14.0 | | | | | | | |
| MAXIMUM | | | | | 510 | 8.00 | 18.0 | | | | | | | |
| AVG OR GEOM MN (%) | | | | | 480 | 6.80 | 16.0 | | | | | | | |
| MINIMUM | | | | | 450 | 5.60 | 14.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: RAISIN RIVER
 SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM ST ANDREWS
 STATION TYPE: RIVER

STATION ID: 12-0073-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STORET CODE: 02
 005
 0250

| STN NO | 8 | LAT | LONG | U.T.M. 18 0517850.0 4994950.0 4 | | | | | | REGION 04 | | MILEAGE | 20.30 | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|----------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 18 11 76 1250 | | | .3 | | 33514 | B | | 1800. | 136. | 12. | | 3.5 | 12.0 | 0.5 |
| 23 12 76 1330 | | | .3 | | 33525 | | | | | | | 1.0 | 9.0 | 1.5 |
| MAXIMUM | | | | | | | | 1800. | 136. | 12. | | 3.5 | 12.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | 1801.* | 136.* | 12.* | | 2.3 | 10.5 | 1.00 |
| MINIMUM | | | | | | | | 1800. | 136. | 12. | | 1.0 | 9.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KUJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 18 11 76 1250 | | | .3 | | 0.024 | 0.010 | 0.020 | 0.790 | 0.006 | 0.080 | | | | |
| 23 12 76 1330 | | | .3 | | 0.032 | 0.012 | 0.160 | 0.960 | 0.014 | 0.180 | | | | |
| MAXIMUM | | | | | 0.032 | 0.012 | 0.160 | 0.960 | 0.014 | 0.180 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.028 | 0.011 | 0.090 | 0.875 | 0.010 | 0.130 | | | | |
| MINIMUM | | | | | 0.024 | 0.010 | 0.020 | 0.790 | 0.006 | 0.080 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT. ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 18 11 76 1250 | | | .3 | | 435 | 3.40 | 15.0 | | | | | | | |
| 23 12 76 1330 | | | .3 | | 480 | 5.00 | 14.0 | | | | | | | |
| MAXIMUM | | | | | 480 | 5.00 | 15.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 458 | 4.20 | 14.5 | | | | | | | |
| MINIMUM | | | | | 435 | 3.40 | 14.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT FIRST BRIDGE UPSTREAM OF ST ANDREWS
STATION TYPE: RIVER

STATION ID: 12-0073-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 9 | LAT | LONG | U.T.M. 18 0512925.0 4992825.0 4 | | | | | | | REGION 04 | MILEAGE | 27.00 | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 18 11 76 1230 | | | .3 | | 33513 | 8 | | 200. | 52. | 28. | | 3.0 | 11.0 | 0.5L |
| 23 12 76 1305 | | | .3 | | 33524 | | | | | | | 1.5 | 8.0 | 2.0 |
| MAXIMUM | | | | | | | | 200. | 52. | 28. | | 3.0 | 11.0 | 2.0 |
| AVG OR GEOM MN (") | | | | | | | | 200.* | 52.* | 28.* | | 2.3 | 9.5 | 1.30 |
| MINIMUM | | | | | | | | 200. | 52. | 28. | | 1.5 | 8.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 18 11 76 1230 | | | .3 | | 0.028 | 0.010 | 0.030 | 0.980 | 0.010 | 0.050 | | | | |
| 23 12 76 1305 | | | .3 | | 0.036 | 0.014 | 0.180 | 0.790 | 0.022 | 0.140 | | | | |
| MAXIMUM | | | | | 0.036 | 0.014 | 0.180 | 0.980 | 0.022 | 0.140 | | | | |
| AVG OR GEOM MN (") | | | | | 0.032 | 0.012 | 0.105 | 0.885 | 0.016 | 0.095 | | | | |
| MINIMUM | | | | | 0.028 | 0.010 | 0.030 | 0.790 | 0.010 | 0.050 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 11 76 1230 | | | .3 | | 420 | 4.60 | 13.0 | | | | | | | |
| 23 12 76 1305 | | | .3 | | 465 | 6.50 | 12.0 | | | | | | | |
| MAXIMUM | | | | | 465 | 6.50 | 13.0 | | | | | | | |
| AVG OR GEOM MN (") | | | | | 443 | 5.55 | 12.5 | | | | | | | |
| MINIMUM | | | | | 420 | 4.60 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: RAISIN RIVER
SAMPLE POINT: AT COUNTY ROAD NO 18 EAST OF LUNENBURG
STATION TYPE: RIVER

STATION ID: 12-0073-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 10 | LAT | LONG | U.T.M. 18 0504675.0 4989350.0 4 | | | | | | REGION 04 | | MILEAGE | | 34.80 |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 18 11 76 1000 | | | .3 | | 33511 | 8 | | 240. | 140. | 28. | | 3.0 | 11.0 | 0.5 |
| 23 12 76 1245 | | | .3 | | 33523 | | | | | | | 1.0 | 9.0 | 2.0 |
| MAXIMUM | | | | | | | | 240. | 140. | 28. | | 3.0 | 11.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 240.* | 140.* | 28.* | | 2.0 | 10.0 | 1.30 |
| MINIMUM | | | | | | | | 240. | 140. | 28. | | 1.0 | 9.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 18 11 76 1000 | | | .3 | | 0.032 | 0.010 | 0.090 | 0.780 | 0.014 | 0.050 | | | | |
| 23 12 76 1245 | | | .3 | | 0.078 | 0.018 | 0.330 | 0.520 | 0.016 | 0.060 | | | | |
| MAXIMUM | | | | | 0.078 | 0.018 | 0.330 | 0.780 | 0.016 | 0.060 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.055 | 0.014 | 0.210 | 0.650 | 0.015 | 0.055 | | | | |
| MINIMUM | | | | | 0.032 | 0.010 | 0.090 | 0.520 | 0.014 | 0.050 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 11 76 1000 | | | .3 | | 355 | 4.50 | 13.0 | | | | | | | |
| 23 12 76 1245 | | | .3 | | 395 | 3.50 | 11.0 | | | | | | | |
| MAXIMUM | | | | | 395 | 4.50 | 13.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 375 | 4.00 | 12.0 | | | | | | | |
| MINIMUM | | | | | 355 | 3.50 | 11.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: NORTH RAISIN RIVER
 SAMPLE POINT: AT FIRST UPSTREAM OF MARTINTOWN
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STATION ID: 12-0073-011-02

STORET CODE: 02
 005
 0250

| STN NO | 11 | LAT | LONG | U.T.M. 18 0520800.0 4999425.0 4 | REGION 04 | MILEAGE | 15.70 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 17 11 76 1435 | | | .3 | | 33508 | 8 | | 140. | 164. | 32. | | 2.0 | 13.0 | 0.5L |
| 23 12 76 1530 | | | .3 | | 33528 | | | 140. | 164. | 32. | | 1.0 | 11.0 | 1.5 |
| MAXIMUM | | | | | | | | 140. | 164. | 32. | | 2.0 | 13.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | 140.* | 164.* | 32.* | | 1.5 | 12.0 | 1.00 |
| MINIMUM | | | | | | | | 140. | 164. | 32. | | 1.0 | 11.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 11 76 1435 | | | .3 | | 0.020 | 0.006 | 0.010 | 0.650 | 0.004 | 0.060 | | | | |
| 23 12 76 1530 | | | .3 | | 0.040 | 0.022 | 0.130 | 0.840 | 0.012 | 0.230 | | | | |
| MAXIMUM | | | | | 0.040 | 0.022 | 0.130 | 0.840 | 0.012 | 0.230 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.030 | 0.014 | 0.070 | 0.745 | 0.008 | 0.145 | | | | |
| MINIMUM | | | | | 0.020 | 0.006 | 0.010 | 0.650 | 0.004 | 0.060 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 17 11 76 1435 | | | .3 | | 470 | 3.50 | 15.0 | | | | | | | |
| 23 12 76 1530 | | | .3 | | 540 | 8.00 | 12.0 | | | | | | | |
| MAXIMUM | | | | | 540 | 8.00 | 15.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 505 | 5.75 | 13.5 | | | | | | | |
| MINIMUM | | | | | 470 | 3.50 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W. / SITE: NORTH RAISIN RIVER
 SAMPLE POINT: AT BRIDGE EAST OF MCMILLAN CORNERS
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STATION ID: 12-0073-012-02

STORET CODE: 02
 005
 0250

| STN NO | 12 | LAT | LONG | U.T.M. 18 0513000.0 5002000.0 4 | REGION 04 | MILEAGE | 23.20 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 18 11 76 0930 | | | .3 | | 33510 | 8 | | 64. | 32. | 8. | | 2.0 | 11.0 | 0.5L |
| 23 12 76 1440 | | | .3 | | 33527 | | | 64. | 32. | 8. | | 1.0 | 13.0 | 1.5 |
| MAXIMUM | | | | | | | | 64. | 32. | 8. | | 2.0 | 13.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | 64.* | 32.* | 8.* | | 1.5 | 12.0 | 1.00 |
| MINIMUM | | | | | | | | 64. | 32. | 8. | | 1.0 | 11.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 11 76 0930 | | | .3 | | 0.016 | 0.008 | 0.010 | 0.800 | 0.006 | 0.040 | | | | |
| 23 12 76 1440 | | | .3 | | 0.036 | 0.012 | 0.340 | 1.440 | 0.010 | 0.050 | | | | |
| MAXIMUM | | | | | 0.036 | 0.012 | 0.340 | 1.440 | 0.010 | 0.050 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.026 | 0.010 | 0.175 | 1.120 | 0.008 | 0.045 | | | | |
| MINIMUM | | | | | 0.016 | 0.008 | 0.010 | 0.800 | 0.006 | 0.040 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 18 11 76 0930 | | | .3 | | 430 | 2.20 | 20.0 | | | | | | | |
| 23 12 76 1440 | | | .3 | | 500 | 3.50 | 19.0 | | | | | | | |
| MAXIMUM | | | | | 500 | 3.50 | 20.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 465 | 2.85 | 19.5 | | | | | | | |
| MINIMUM | | | | | 430 | 2.20 | 19.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: NORTH RAISIN RIVER
SAMPLE POINT: AT HIGHWAY NO 43 MONCKLAND
STATION TYPE: RIVER

STATION ID: 12-0073-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 13 | LAT | | LONG | | U.T.M. 18 0510400.0 5004900.0 4 | | | | REGION 04 | | MILEAGE | 28.60 | |
|--------------------|------|-----|-------|------|-----------------|---------------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 18 11 76 0850 | | | .3 | | 33509 | 8 | | 40. | 12. | 8. | | 2.0 | 6.0 | 0.5L |
| 23 12 76 1425 | | | .3 | | 33526 | | | | | | | 3.0 | 7.0 | 2.0 |
| MAXIMUM | | | | | | | | 40. | 12. | 8. | | 3.0 | 7.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 40.* | 12.* | 8.* | | 2.5 | 6.5 | 1.30 |
| MINIMUM | | | | | | | | 40. | 12. | 8. | | 2.0 | 6.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 18 11 76 0850 | | | .3 | | 0.020 | 0.008 | 0.040 | 0.980 | 0.008 | 0.040 | | | | |
| 23 12 76 1425 | | | .3 | | 0.042 | 0.016 | 0.400 | 0.800 | 0.018 | 0.020 | | | | |
| MAXIMUM | | | | | | | | 0.980 | 0.018 | 0.040 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.890 | 0.013 | 0.030 | | | | |
| MINIMUM | | | | | | | | 0.800 | 0.008 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 18 11 76 0850 | | | .3 | | 430 | 1.80 | 24.0 | | | | | | | |
| 23 12 76 1425 | | | .3 | | 480 | 5.00 | 19.0 | | | | | | | |
| MAXIMUM | | | | | | | | 480 | 5.00 | 24.0 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 455 | 3.40 | 21.5 | | | | |
| MINIMUM | | | | | | | | 430 | 1.80 | 19.0 | | | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | | | |

B.O.W./ SITE: SOUTH RAISIN RIVER
SAMPLE POINT: AT BRIDGE IN GLENDALE
STATION TYPE: RIVER

STATION ID: 12-0073-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST LAWRENCE RIVER
TERM STREAM: RAISIN RIVER

STORET CODE: 02
005
0250

| STN NO | 14 | LAT | LONG | U.T.M. | 18 0533025.0 4 | 997775.0 4 | REGION 04 | MILEAGE | 5.00 | | | | | |
|---------------|------|-----|--------------------|--------|----------------|------------|-----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 17 11 76 1245 | | | .3 | | 33503 | 8 | | | | | | 2.0 | 12.0 | 0.5L |
| 22 12 76 1530 | | | .3 | | 33518 | | | | | | | 1.0 | 9.0 | 1.0 |
| | | | MAXIMUM | | | | | | | | | 2.0 | 12.0 | 1.0 |
| | | | AVG OR GEOM MN (*) | | | | | | | | | 1.5 | 10.5 | 0.80 |
| | | | MINIMUM | | | | | | | | | 1.0 | 9.0 | 0.5 |
| | | | NO OF SAMPLES | | | | | | | | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | MG/L | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 11 76 1245 | | | .3 | | 0.024 | 0.008 | 0.010L | 0.360 | 0.004 | 0.120 | | | | |
| 22 12 76 1530 | | | .3 | | 0.032 | 0.018 | 0.100 | 0.440 | 0.016 | 0.320 | | | | |
| | | | MAXIMUM | | 0.032 | 0.018 | 0.100 | 0.440 | 0.016 | 0.320 | | | | |
| | | | AVG OR GEOM MN (*) | | 0.028 | 0.013 | 0.055D | 0.400 | 0.010 | 0.220 | | | | |
| | | | MINIMUM | | 0.024 | 0.008 | 0.010 | 0.360 | 0.004 | 0.120 | | | | |
| | | | NO OF SAMPLES | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 17 11 76 1245 | | | .3 | | 560 | 5.80 | 29.0 | | | | | | | |
| 22 12 76 1530 | | | .3 | | 680 | 5.50 | 33.0 | | | | | | | |
| | | | MAXIMUM | | 680 | 5.80 | 33.0 | | | | | | | |
| | | | AVG OR GEOM MN (*) | | 620 | 5.65 | 31.0 | | | | | | | |
| | | | MINIMUM | | 560 | 5.50 | 29.0 | | | | | | | |
| | | | NO OF SAMPLES | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: SOUTH RAISIN RIVER
 SAMPLE POINT: AT BRIDGE ON COUNTY ROAD NO 20 SOUTH OF CASHIONGLEN
 STATION TYPE: RIVER

STATION ID: 12-0073-015-02

STORET CODE: 02
 005
 0250

| STN NO | 15 | LAT | LONG | U.T.M. 18 0525400.0 4993900.0 4 | | | | | | REGION 04 | | MILEAGE | 11.10 | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 17 11 76 1335 | | | .3 | | 33505 | 8 | | | | | | 2.0 | 15.0 | 0.5 |
| 23 12 76 1045 | | | .3 | | 33520 | | | | | | | 1.0 | 10.0 | 1.5 |
| MAXIMUM | | | | | | | | | | | | 2.0 | 15.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 1.5 | 12.5 | 1.00 |
| MINIMUM | | | | | | | | | | | | 1.0 | 10.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 17 11 76 1335 | | | .3 | | 0.032 | 0.008 | 0.060 | 0.440 | 0.006 | 0.200 | | | | |
| 23 12 76 1045 | | | .3 | | 0.044 | 0.008 | 0.190 | 0.630 | 0.018 | 0.600 | | | | |
| MAXIMUM | | | | | 0.044 | 0.008 | 0.190 | 0.630 | 0.018 | 0.600 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.038 | 0.008 | 0.125 | 0.535 | 0.012 | 0.400 | | | | |
| MINIMUM | | | | | 0.032 | 0.008 | 0.060 | 0.440 | 0.006 | 0.200 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 17 11 76 1335 | | | .3 | | 640 | 11.00 | 40.0 | | | | | | | |
| 23 12 76 1045 | | | .3 | | 790 | 15.00 | 48.0 | | | | | | | |
| MAXIMUM | | | | | 790 | 15.00 | 48.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 715 | 13.00 | 44.0 | | | | | | | |
| MINIMUM | | | | | 640 | 11.00 | 40.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: SOUTH RAISIN RIVER
 SAMPLE POINT: AT BRIDGE ON MCCONNEL AVE (CORNWALL)
 STATION TYPE: RIVER FLOW GAUGE FED 02MCO09

STATION ID: 12-0073-016-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STORET CODE: 02
 005
 0250

| STN NO | 16 | LAT | LONG | U.T.M. 18 0520300.0 4988975.0 4 | REGION 04 | MILEAGE | 16.50 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 11 76 1355 | | | .3 | | 33506 | 8 | | | | | | 3.0 | 13.0 | 0.50 |
| 23 12 76 1115 | | | .3 | | 33521 | | | | | | | 1.0 | 7.0 | 3.0 |
| MAXIMUM | | | | | | | | | | | | 3.0 | 13.0 | 3.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | | 2.0 | 10.0 | 1.80 |
| MINIMUM | | | | | | | | | | | | 1.0 | 7.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | 2 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 11 76 1355 | | | .3 | | 0.080 | 0.008 | 0.080 | 0.420 | 0.014 | 0.090 | | | | |
| 23 12 76 1115 | | | .3 | | 0.060 | 0.006 | 0.210 | 0.590 | 0.032 | 0.330 | | | | |
| MAXIMUM | | | | | 0.060 | 0.008 | 0.210 | 0.590 | 0.032 | 0.330 | | | | |
| AVG OR GEOM MN (-) | | | | | 0.060 | 0.007 | 0.145 | 0.505 | 0.023 | 0.210 | | | | |
| MINIMUM | | | | | 0.060 | 0.006 | 0.080 | 0.420 | 0.014 | 0.090 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 11 76 1355 | | | .3 | | 580 | 18.00 | 33.0 | | | | | | | |
| 23 12 76 1115 | | | .3 | | 760 | 25.00 | 44.0 | | | | | | | |
| MAXIMUM | | | | | 760 | 25.00 | 44.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | 670 | 21.50 | 38.5 | | | | | | | |
| MINIMUM | | | | | 580 | 18.00 | 33.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: SOUTH RAISIN RIVER
 SAMPLE POINT: AT BRIDGE ON COUNTY ROAD NO 15 (AVONDALE DRIVE)
 STATION TYPE: RIVER FLOW GAUGE FED 02MCO09

STATION ID: 12-0073-017-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST LAWRENCE RIVER
 TERM STREAM: RAISIN RIVER

STORET CODE: 02
 005
 0250

| STN NO | 17 | LAT | LONG | U.T.M. 18 0510900.0 4986875.0 4 | REGION 04 | MILEAGE | 23.90 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 18 11 76 1200 | | | .3 | | 33512 | 8 | | 80. | 32. | 4. | | 5.0 | 15.0 | 0.5L |
| 23 12 76 1200 | | | .3 | | 33522 | | | | | | | 4.0 | 14.0 | 2.0 |
| MAXIMUM | | | | | | | | 80. | 32. | 4. | | 5.0 | 15.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 80.* | 32.* | 4.* | | 4.5 | 14.5 | 1.30 |
| MINIMUM | | | | | | | | 80. | 32. | 4. | | 4.0 | 14.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 18 11 76 1200 | | | .3 | | 0.064 | 0.018 | 0.050 | 0.500 | 0.004 | 0.020 | | | | |
| 23 12 76 1200 | | | .3 | | 0.110 | 0.062 | 0.100 | 0.640 | 0.022 | 0.200 | | | | |
| MAXIMUM | | | | | 0.110 | 0.062 | 0.100 | 0.640 | 0.022 | 0.200 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.087 | 0.040 | 0.075 | 0.570 | 0.013 | 0.110 | | | | |
| MINIMUM | | | | | 0.064 | 0.018 | 0.050 | 0.500 | 0.004 | 0.020 | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 18 11 76 1200 | | | .3 | | 540 | 5.80 | 35.0 | | | | | | | |
| 23 12 76 1200 | | | .3 | | 560 | 13.00 | 34.0 | | | | | | | |
| MAXIMUM | | | | | 560 | 13.00 | 35.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 550 | 9.40 | 34.5 | | | | | | | |
| MINIMUM | | | | | 540 | 5.80 | 34.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: SUTHERLAND CREEK
 SAMPLE POINT: HIGHWAY 2
 STATION TYPE: RIVER

STATION ID: 12-0077-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST. LAWRENCE RIVER
 TERM STREAM: SUTHERLAND CREEK

STORET CODE: 02
 005
 0190

| STN NO | 1 | LAT | LONG | U.T.M. 18 0548450.0 5003900.0 4 | | | | | | REGION 04 | MILEAGE | 0.80 | | |
|--------------------|------|-----|-------|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 16 02 76 1145 | | | .3 | | 17079 | 4 | | 182. | 8. | 56. | | | | 1.2 |
| MAXIMUM | | | | | | | | 182. | 8. | 56. | | | | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | 182.* | 8.* | 56.* | | | | 1.2 |
| MINIMUM | | | | | | | | 182. | 8. | 56. | | | | 1.2 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | | | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 02 76 1145 | | | .3 | | 0.068 | 0.028 | 0.285 | 0.960 | 0.029 | 1.010 | 302.0 | 12.0 | | |
| MAXIMUM | | | | | 0.068 | 0.028 | 0.285 | 0.960 | 0.029 | 1.010 | 302.0 | 12.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.068 | 0.028 | 0.285 | 0.960 | 0.029 | 1.010 | 302.0 | 12.0 | | |
| MINIMUM | | | | | 0.068 | 0.028 | 0.285 | 0.960 | 0.029 | 1.010 | 302.0 | 12.0 | | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 16 02 76 1145 | | | .3 | | 465 | 7.00 | 13.0 | | | | | | | |
| MAXIMUM | | | | | 465 | 7.00 | 13.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 465 | 7.00 | 13.0 | | | | | | | |
| MINIMUM | | | | | 465 | 7.00 | 13.0 | | | | | | | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | | | | | | | |

B.O.W./ SITE: WOOD CREEK
 SAMPLE POINT: HIGHWAY 2
 STATION TYPE: RIVER

STATION ID: 12-0079-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: ST. LAWRENCE RIVER
 TERM STREAM: WOOD CREEK

STORET CODE: 02
 004
 0170

| STN NO | 1 | LAT | LONG | U.T.M. 18 0549850.0 5004550.0 4 | REGION 04 | MILEAGE | 0.40 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 16 02 76 1110 | | | .3 | | 17080 | 4 | | 24. | 12. | 12. | | | | 1.8 |
| MAXIMUM | | | | | | | | 24. | 12. | 12. | | | | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 24. | 12. | 12. | | | | 1.8 |
| MINIMUM | | | | | | | | 24. | 12. | 12. | | | | 1.8 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | | | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 02 76 1110 | | | .3 | | 0.144 | 0.089 | 0.390 | 1.060 | 0.024 | 0.776 | 235.0 | 7.5 | | 228 |
| MAXIMUM | | | | | 0.144 | 0.089 | 0.390 | 1.060 | 0.024 | 0.776 | 235.0 | 7.5 | | 228 |
| AVG OR GEOM MN (*) | | | | | 0.144 | 0.089 | 0.390 | 1.060 | 0.024 | 0.776 | 235.0 | 7.5 | | 229 |
| MINIMUM | | | | | 0.144 | 0.089 | 0.390 | 1.060 | 0.024 | 0.776 | 235.0 | 7.5 | | 228 |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 16 02 76 1110 | | | .3 | | 350 | 9.50 | 33.0 | | | | | | | |
| MAXIMUM | | | | | 350 | 9.50 | 33.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 350 | 9.50 | 33.0 | | | | | | | |
| MINIMUM | | | | | 350 | 9.50 | 33.0 | | | | | | | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | | | | | | | |

B.O.W./ SITE: ST. MARYS RIVER
 SAMPLE POINT: AT HURON STREET DAM (CENTRE)
 STATION TYPE: RIVER FLOW GAUGE FED 02CA001

STATION ID: 13-0000-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON

STORET CODE: 02
 002

| STN NO | 3 | LAT | LONG | U.T.M. 16 0703360.0 5154450.0 4 | REGION 05 | | | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 04 08 76 1320 | | | .3 | | 16095 | | 72100.00 | 60. | 14. | | | 18.0 | 10.0 | 2.2 |
| 11 09 76 1600 | | | .3 | | 16116 | | 87700.00 | 110. | 8. | 2. | | 16.0 | 10.0 | |
| 23 10 76 1755 | | | .3 | | 16137 | | 83800.00 | 4. | 2. | 0. | | 7.0 | 12.0 | 0.3 |
| 14 11 76 1425 | | | .3 | | 16153 | | 56800.00 | 14. | 10. | 25. | | 0.0 | 14.0 | 1.0 |
| 18 12 76 1530 | | | .3 | | 16197 | | 59500.00 | 8. | 6. | | | 0.0 | | |
| MAXIMUM | | | | | | | 72100.00 | 110. | 14. | 26. | | 18.0 | 14.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | 63980.00 | 20. | 7. | 4. | D | 8.2 | 11.5 | 1.2 |
| MINIMUM | | | | | | | 56800.00 | 4. | 2. | 0. | | 0.0 | 10.0 | 0.3 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 3 | 5 | 4 | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 08 76 1320 | | | .3 | | 0.003 | 0.003 | 0.022 | 0.130 | 0.002 | 0.223 | | | | |
| 11 09 76 1600 | | | .3 | | | | | | | | | | | |
| 23 10 76 1755 | | | .3 | | 0.017 | 0.002 | 0.006 | 0.150 | 0.002 | 0.235 | 75.0 | 3.1 | | |
| 14 11 76 1425 | | | .3 | | 0.002 | 0.001 | 0.012 | 0.050 | 0.002 | 0.208 | 66.0 | 1.1 | | |
| 18 12 76 1530 | | | .3 | | 0.003 | 0.003 | 0.022 | 0.19 | 0.002 | 0.228 | 66. | 0.8 | | |
| MAXIMUM | | | | | 0.017 | 0.003 | 0.022 | 0.19 | 0.002 | 0.235 | 75.0 | 3.1 | | |
| AVG OR GEOM MN (*) | | | | | 0.006 | 0.002 | 0.016 | 0.130 | 0.002 | 0.224 | 69.0 | 1.7 | | |
| MINIMUM | | | | | 0.002 | 0.001 | 0.006 | 0.050 | 0.002 | 0.208 | 66.0 | 0.8 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 08 | 76 | 1320 | | .3 | | 97 | 1.50 | 1.3 | | | 5.0 | 45 | 8.24 | | 0.050 |
| 23 | 10 | 76 | 1755 | | .3 | | 108 | 2.60 | 1.2 | | | 1.2 | 46 | 8.06 | | 0.130 |
| 14 | 11 | 76 | 1425 | | .3 | | 98 | 1.20 | 1.2 | | | 2.0 | 45 | 7.92 | | 0.080 |
| 18 | 12 | 76 | 1530 | | .3 | | 99 | 0.6 | 1.2 | | 6.50 | | 47 | 7.97 | | |

MAXIMUM 108 2.60 1.3 6.50 5.0 47 8.24 0.130
 AVG OR GEOM MN (°) 101 1.48 1.2 6.50 2.7 46 8.05 0.087
 MINIMUM 97 0.6 1.2 6.50 1.2 45 7.92 0.050

NO OF SAMPLES 4 4 4 1 3 4 4 3

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 04 | 08 | 76 | 1320 | | .3 | | 2.0 | 45.0 | 13.60 | 2.80 | 5 | | | | | |
| 23 | 10 | 76 | 1755 | | .3 | | | 47.0 | 13.50 | 2.60 | 5 | | | | | |
| 14 | 11 | 76 | 1425 | | .3 | | 1.0 | 43.0 | 12.60 | 2.70 | 5 | | | | | |
| 18 | 12 | 76 | 1530 | | .3 | | 2. | | 14. | | | | | | | |

MAXIMUM 2.0 47.0 14. 2.80 5
 AVG OR GEOM MN (°) 1.7 45.0 13.43 2.70 5
 MINIMUM 1.0 43.0 12.60 2.60 5

NO OF SAMPLES 3 3 4 3 3

B.O.W./ SITE: ST.MARYS RIVER
 SAMPLE POINT: AT BELL'S POINT DOCK
 STATION TYPE: RIVER

STATION ID: 13-0000-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON

STORET CODE: 02
 002

STN NO 5 LAT LONG U.T.M. 16 0713550.0 5157325.0 4 REGION 05

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 04 | 08 | 76 | 1200 | | .3 | | 16092 | | | 6400. | 4200. | | | 17.0 | 9.0 | 0.6 |
| 11 | 09 | 76 | 1740 | | .3 | | 16113 | | | 30. | 0. | 22. | | 16.0 | 11.0 | |
| 23 | 10 | 76 | 1640 | | .3 | | 16134 | | | 80. G | 2. | 2. | | 6.0 | 12.0 | 1.4 |
| 14 | 11 | 76 | 1345 | | .3 | | 16155 | | | 4. | 4. | 2. | | 0.0 | 14.0 | 1.2 |
| 18 | 12 | 76 | 1400 | | .3 | | 16194 | | | 56. | 14. | | | 0.0 | | |

MAXIMUM 6400. 4200. 22. 17.0 14.0 1.4
 AVG OR GEOM MN (°) 81.° U 14.° 4.° 7.8 11.5 1.1
 MINIMUM 4. 0. 2. 0.0 9.0 0.6

NO OF SAMPLES 5 5 3 5 4 3

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 08 | 76 | 1200 | | .3 | | 0.008 | 0.002 | 0.274 | 0.440 | 0.003 | 0.197 | | | | |
| 11 | 09 | 76 | 1740 | | .3 | | | | | | | | | | | |
| 23 | 10 | 76 | 1640 | | .3 | | 0.052 | 0.002 | 0.284 | 0.860 | 0.006 | 0.219 | 73.0 | 8.3 | | |
| 14 | 11 | 76 | 1345 | | .3 | | 0.058 | 0.001 | 0.340 | 0.860 | 0.009 | 0.246 | 101.0 | 29.0 | | |
| 18 | 12 | 76 | 1400 | | .3 | | 0.014 | 0.010 | 0.400 | 0.58 | 0.002 | 0.228 | 73. | 0.8 | | |

MAXIMUM 0.058 0.010 0.400 0.860 0.009 0.246 101.0 29.0
 AVG OR GEOM MN (°) 0.033 0.004 0.325 0.685 0.005 0.223 82.3 12.7
 MINIMUM 0.008 0.001 0.274 0.440 0.002 0.197 73.0 0.8

NO OF SAMPLES 4 4 4 4 4 3 3

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 08 | 76 | 1200 | | .3 | | 100 | 1.50 | 1.6 | | | 6.0 | 46 | 7.94 | | 0.100 |
| 23 | 10 | 76 | 1640 | | .3 | | 110 | 7.50 | 1.7 | | | 3.0 | 44 | 7.72 | | 0.250 |
| 14 | 11 | 76 | 1345 | | .3 | | 112 | 8.00 | 3.4 | | | 2.0 | 47 | 7.66 | | 0.860 |
| 18 | 12 | 76 | 1400 | | .3 | | 108 | 0.8 | 1.9 | | 1.55 | | 46 | 7.35 | | |

MAXIMUM 112 8.00 3.4 1.55 6.0 47 7.94 0.860
 AVG OR GEOM MN (°) 108 4.45 2.2 1.55 3.7 46 7.67 0.403
 MINIMUM 100 0.8 1.6 1.55 2.0 44 7.35 0.100

NO OF SAMPLES 4 4 4 1 3 4 4 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 04 | 08 | 76 | 1200 | | | .3 | | 1.0 | 46.0 | 13.60 | 2.95 | 5 | | | | | |
| 23 | 10 | 76 | 1640 | | | .3 | | | 38.0 | 12.00 | 2.40 | 15 | | | | | |
| 14 | 11 | 76 | 1345 | | | .3 | | 1.0L | 45.0 | 13.20 | 2.90 | 15 | | | | | |
| 18 | 12 | 76 | 1400 | | | .3 | | 5. | | 14. | | | | | | | |
| MAXIMUM | | | | | | | | 5. | 46.0 | 14. | 2.95 | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 2.3D | 43.0 | 13.20 | 2.75 | 12 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 38.0 | 12.00 | 2.40 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 4 | 3 | 3 | | | | | |

B.C.W./ SITE: ST. MARYS RIVER

STATION ID: 13-0000-006-02

SAMPLE POINT: AT PRIVATE DOCK EAST OF SAULT STE-MARIE GOLF CLUB

MAJOR BASIN: GREAT LAKES

STORE CODE: 02

STATION TYPE: RIVER

MINOR BASIN: LAKE HURON

002

| STN NO | | | | 6 | | LAT | | LONG | | U.T.M. 16 0709475.0 5152650.0 4 | | | | REGION 05 | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--|-----|--|------|--|------|--|------|--|---------------------------------|--------------------|-------|--|-----------|--|--------|--|-----|--|------|--|----------|--|----------|--|----------|--|----------|--|--------|--|-------|--|-------|--|-------|--|
| SAMP | | DTE | | HOUR | | STN | | STN | | SAMP | | PJ | | 934 | | 901 | | 444 | | 80 | | 81 | | 84 | | 88 | | 805 | | 3 | | 1 | | | | | |
| DY | | MO | | YR | | LMT | | DIST | | BRG | | DEPTH | | MTRS | | SAMPLE | | SCD | | FLOW | | CFS | | TOTAL | | FECAL | | M.F. | | PSEUD. | | WATER | | DISS. | | 5-DAY | |
| | | | | | | | | FEET | | | | | | | | NO | | | | | | | | COLIFORM | | COLIFORM | | ENTER. | | MPA | | TEMP. | | O2 | | BOD | |
| | | | | | | | | | | | | | | | | | | | | | | MF/100ML | | MF/100ML | | MF/100ML | | MF/100ML | | DEG C | | MG/L | | MG/L | | | |
| 04 | | 08 | | 76 | | 1225 | | | | | | .3 | | | | 16093 | | | | | | 700. | | 16. | | | | | | 17.0 | | 9.0 | | 0.4 | | | |
| 11 | | 09 | | 76 | | 1715 | | | | | | .3 | | | | 16114 | | | | | | 1400. | | 48. | | 7200. | | | | 16.0 | | 11.0 | | | | | |
| 23 | | 10 | | 76 | | 1700 | | | | | | .3 | | | | 16135 | | | | | | 80. G | | 16. | | 80. G | | | | 5.0 | | 12.0 | | 0.7 | | | |
| 14 | | 11 | | 76 | | 1400 | | | | | | .3 | | | | 16156 | | | | | | 78. | | 18. | | 2. | | | | 0.0 | | 13.0 | | 1.3 | | | |
| 18 | | 12 | | 76 | | 1430 | | | | | | .3 | | | | 16195 | | | | | | 300. | | 74. | | | | | | 0.0 | | | | | | | |
| | | | | | | | | | | | MAXIMUM | | | | | | | | | | | 1400. | | 74. | | 7200. | | | | 17.0 | | 13.0 | | 1.3 | | | |
| | | | | | | | | | | | AVG OR GEOM MN (*) | | | | | | | | | | | 284. * U | | 28. * U | | 105. * U | | | | 7.6 | | 11.3 | | 0.8 | | | |
| | | | | | | | | | | | MINIMUM | | | | | | | | | | | 78. | | 16. | | 2. | | | | 0.0 | | 9.0 | | 0.4 | | | |
| | | | | | | | | | | | NO OF SAMPLES | | | | | | | | | | | 5 | | 5 | | 3 | | | | 5 | | 4 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 08 | 76 | 1225 | | | .3 | | 0.001L | 0.001L | 0.430 | 0.600 | 0.004 | 0.206 | | | | |
| 11 | 09 | 76 | 1715 | | | .3 | | 0.001L | 0.001L | 0.430 | 0.600 | 0.004 | 0.206 | | | | |
| 23 | 10 | 76 | 1700 | | | .3 | | 0.014 | 0.001 | 0.500 | 0.680 | 0.005 | 0.235 | 79.0 | 7.4 | | |
| 14 | 11 | 76 | 1400 | | | .3 | | 0.010 | 0.001 | 0.480 | 0.600 | 0.004 | 0.196 | 79.0 | 7.2 | | |
| 18 | 12 | 76 | 1430 | | | .3 | | 0.005 | 0.001 | 0.370 | 0.54 | 0.002 | 0.223 | 69. | 1.0 | | |
| MAXIMUM | | | | | | | | 0.014 | 0.001 | 0.500 | 0.680 | 0.005 | 0.235 | 79.0 | 7.4 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.008D | 0.001D | 0.445 | 0.605 | 0.004 | 0.215 | 75.7 | 5.2 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.370 | 0.54 | 0.002 | 0.196 | 69. | 1.0 | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 08 | 76 | 1225 | | | .3 | | 102 | 1.40 | 1.7 | | | 10.0 | 46 | 8.05 | | 0.100 |
| 23 | 10 | 76 | 1700 | | | .3 | | 108 | 4.00 | 2.3 | | | 1.2 | 46 | 7.98 | | 0.240 |
| 14 | 11 | 76 | 1400 | | | .3 | | 110 | 3.40 | 2.8 | | | 2.0 | 46 | 7.82 | | 0.380 |
| 18 | 12 | 76 | 1430 | | | .3 | | 107 | 0.9 | 2.1 | | 1.55 | | 46 | 7.46 | | |
| MAXIMUM | | | | | | | | 110 | 4.00 | 2.8 | | 1.55 | 10.0 | 46 | 8.05 | | 0.380 |
| AVG OR GEOM MN (*) | | | | | | | | 107 | 2.43 | 2.2 | | 1.55 | 4.4 | 46 | 7.83 | | 0.240 |
| MINIMUM | | | | | | | | 102 | 0.9 | 1.7 | | 1.55 | 1.2 | 46 | 7.46 | | 0.100 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | 1 | 3 | 4 | 4 | | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 04 | 08 | 76 | 1225 | | | .3 | | 8.0 | 46.0 | 13.60 | 2.85 | 5 | | | | | |
| 23 | 10 | 76 | 1700 | | | .3 | | | 45.0 | 12.50 | 2.50 | 5 | | | | | |
| 14 | 11 | 76 | 1400 | | | .3 | | 18.0 | 43.0 | 12.80 | 2.70 | 10 | | | | | |
| 18 | 12 | 76 | 1430 | | | .3 | | 8. | | 14. | | | | | | | |
| MAXIMUM | | | | | | | | 18.0 | 46.0 | 14. | 2.85 | 10 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 11.3 | 44.7 | 13.23 | 2.68 | 7 | | | | | |
| MINIMUM | | | | | | | | 8.0 | 43.0 | 12.50 | 2.50 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 4 | 3 | 3 | | | | | |

B.O.W./ SITE: ST.MARYS RIVER
 SAMPLE POINT: AT SAULT STE MARIE CIVIC CENTRE
 STATION TYPE: RIVER

STATION ID: 13-0000-007-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON

STORET CODE: 02
 002

| STN NO | 7 | LAT | LONG | U.T.M. 16 0704525.0 5153675.0 4 REGION 05 | | | | | | | | | | |
|--------------------|------|-----|-------|---|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 04 08 76 1300 | | | .3 | | 16094 | | | 1700. | 200. | | | 18.0 | 9.0 | 1.0 |
| 11 09 76 1640 | | | .3 | | 16115 | | | 2200. | 40. | 2. L | | 17.0 | 10.0 | |
| 23 10 76 1725 | | | .3 | | 16136 | | | 80. G | 14. | 40. | | 6.0 | 11.0 | 1.0 |
| 14 11 76 1415 | | | .3 | | 16157 | | | 98. | 10. | 4. | | 0.0 | 13.0 | 1.1 |
| 18 12 76 1500 | | | .3 | | 16196 | | | 70. | 10. | | | 0.0 | | |
| MAXIMUM | | | | | | | | 2200. | 200. | 40. | | 18.0 | 13.0 | 1.1 |
| AVG OR GEOM MN (*) | | | | | | | | 290.* U | 26.* | 7.* D | | 8.2 | 10.8 | 1.0 |
| MINIMUM | | | | | | | | 70. | 10. | 2. | | 0.0 | 9.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 3 | | 5 | 4 | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 04 08 76 1300 | | | .3 | | 0.001L | 0.001L | 0.940 | 1.180 | 0.005 | 0.225 | 79.0 | 7.1 | | |
| 11 09 76 1640 | | | .3 | | | | | | | | | | | |
| 23 10 76 1725 | | | .3 | | 0.026 | 0.004 | 0.328 | 0.530 | 0.005 | 0.235 | 82.0 | 3.6 | | |
| 14 11 76 1415 | | | .3 | | 0.005 | 0.001 | 0.520 | 0.670 | 0.004 | 0.206 | 76.0 | 3.6 | | |
| 18 12 76 1500 | | | .3 | | 0.004 | 0.001 | 0.480 | 0.72 | 0.002 | *0.223 | 71. | 2.6 | | |
| MAXIMUM | | | | | 0.026 | 0.004 | 0.940 | 1.180 | 0.005 | 0.235 | 82.0 | 7.1 | | |
| AVG OR GEOM MN (*) | | | | | 0.009D | 0.002D | 0.567 | 0.775 | 0.004 | 0.222 | 77.0 | 4.2 | | |
| MINIMUM | | | | | 0.001 | 0.001 | 0.328 | 0.530 | 0.002 | 0.206 | 71. | 2.6 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 04 08 76 1300 | | | .3 | | 108 | 2.60 | 2.2 | | | 4.0 | 47 | 8.27 | | 0.250 |
| 23 10 76 1725 | | | .3 | | 122 | 2.50 | 6.9 | | | 1.4 | 45 | 7.88 | | 0.160 |
| 14 11 76 1415 | | | .3 | | 108 | 1.50 | 2.7 | | | 1.5 | 45 | 8.00 | | 0.290 |
| 18 12 76 1500 | | | .3 | | 105 | 1.0 | 1.8 | | 1.50 | | 44 | 7.38 | | |
| MAXIMUM | | | | | 122 | 2.60 | 6.9 | | 1.50 | 4.0 | 47 | 8.27 | | 0.290 |
| AVG OR GEOM MN (*) | | | | | 111 | 1.90 | 3.4 | | 1.50 | 2.3 | 45 | 7.88 | | 0.233 |
| MINIMUM | | | | | 105 | 1.0 | 1.8 | | 1.50 | 1.4 | 44 | 7.38 | | 0.160 |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | | 1 | 3 | 4 | 4 | | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRIBLES MG/L |
| 04 08 76 1300 | | | .3 | | 44.0 | 47.0 | 14.00 | 2.85 | 5 | | | | | |
| 23 10 76 1725 | | | .3 | | | 47.0 | 14.00 | 2.50 | 5 | | | | | |
| 14 11 76 1415 | | | .3 | | 22.0 | 43.0 | 12.80 | 2.75 | 10 | | | | | |
| 18 12 76 1500 | | | .3 | | 18. | | 14. | | | | | | | |
| MAXIMUM | | | | | 44.0 | 47.0 | 14.00 | 2.85 | 10 | | | | | |
| AVG OR GEOM MN (*) | | | | | 28.0 | 45.7 | 13.70 | 2.70 | 7 | | | | | |
| MINIMUM | | | | | 18. | 43.0 | 12.80 | 2.50 | 5 | | | | | |
| NO OF SAMPLES | | | | | 3 | 3 | 4 | 3 | 3 | | | | | |

B.O.W./ SITE: ST MARYS RIVER
 SAMPLE POINT: AT HIGHWAY NO.2 SAULT SAINTE MARIE MICHIGAN U S A
 STATION TYPE: RIVER

STATION ID: 13-0000-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON

STORET CODE: 02
 002

| STN NO | | 8 | LAT | | LONG | | U.T.M. 16 0700350.0 5152250.0 4 REGION 05 | | | | | | | | | |
|--------------------|------|-----|-------|------|--------|-----|---|----------|----------|----------|----------|-------|-------|-------|---|--|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | | |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD | | |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | | |
| 18 12 76 1700 | | | .3 | | 16199 | | | 0. | 0. | | | 0.0 | | | | |
| MAXIMUM | | | | | | | | 0.00 | 0.00 | | | 0.00 | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 1.* | 1.* | | | 0.0 | | | | |
| MINIMUM | | | | | | | | 0. | 0. | | | 0.0 | | | | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | | | 1 | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 01 | 76 | 1630 | | | .3 | | 85 | 3.30 | 3.0 | | 4.60 | | | 6.90 | | |
| 06 | 03 | 76 | 1730 | | | .3 | | | | 8.5 | 11.5 | 4.50 | | | | 1.10 | |
| 03 | 04 | 76 | 1700 | | | .3 | | 75 | 9.50 | 6.2 | | | | | | | |
| 23 | 05 | 76 | 1325 | | | .3 | | 70 | 46.00 | 3.3 | | | | | | | |
| 26 | 06 | 76 | 1445 | | | .3 | | 112 | 6.00 | 5.1 | | | | | | | |
| 04 | 08 | 76 | 1500 | | | .3 | | 110 | 5.30 | 3.3 | | | 60.0 | 46 | 7.38 | | 1.120 |
| 23 | 10 | 76 | 1900 | | | .3 | | 100 | 5.60 | 3.8 | | | 3.8 | 32 | 7.28 | | 1.000 |
| 14 | 11 | 76 | 1540 | | | .3 | | 108 | 4.50 | 4.7 | | | 6.0 | 26 | 7.05 | | 0.760 |
| 18 | 12 | 76 | 1800 | | | .3 | | 108 | 2.2 | 4.6 | | | | 29 | 7.42 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|-----|------|------|------|----|------|------|-------|
| MAXIMUM | | | | | | | | 112 | 46.00 | 8.5 | 11.5 | 4.60 | 60.0 | 46 | 7.42 | 1.10 | 1.120 |
| AVG OR GEOM MN (*) | | | | | | | | 96 | 10.30 | 4.7 | 11.5 | 4.55 | 23.3 | 33 | 7.21 | 1.10 | 0.960 |
| MINIMUM | | | | | | | | 70 | 2.2 | 3.0 | 11.5 | 4.50 | 3.8 | 26 | 6.90 | 1.10 | 0.760 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 1 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 17 | 01 | 76 | 1630 | | | .3 | | 1.0L | | | | | | | | | |
| 06 | 03 | 76 | 1730 | | | .3 | | | | | | | | | | | |
| 03 | 04 | 76 | 1700 | | | .3 | | | | | | | | | | | |
| 23 | 05 | 76 | 1325 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 06 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | | | |
| 04 | 08 | 76 | 1500 | | | .3 | | 1.0L | 48.0 | 14.20 | 2.95 | 60 | | | | | |
| 23 | 10 | 76 | 1900 | | | .3 | | | 38.0 | 12.00 | 2.40 | 70G | | | | | |
| 14 | 11 | 76 | 1540 | | | .3 | | 1.0 | 36.0 | 10.40 | 2.50 | 40 | | | | | |
| 18 | 12 | 76 | 1800 | | | .3 | | 1. L | | 12. | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|-------|------|-----|--|--|--|--|--|
| MAXIMUM | | | | | | | | 1.0 | 48.0 | 14.20 | 2.95 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | 40.7 | 12.15 | 2.62 | 57U | | | | | |
| MINIMUM | | | | | | | | 1.0 | 36.0 | 10.40 | 2.40 | 40 | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | 3 | 4 | 3 | 3 | | | | | |

B.O.W./ SITE: BENNETT CREEK
SAMPLE POINT: BASELINE ROAD, SAULT STE MARIE
STATION TYPE: RIVER FLOW GAUGE FED 02BF003

STATION ID: 13-0007-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: RENNET CREEK

STORET CODE: 02
002
8610

STN NO 2 LAT LONG U.T.M. 16 0700700.0 5155300.0 4 REGION 05 MILEAGE 0.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 01 | 76 | 1515 | | | .3 | | 16010 | | 2.40 | 2500. | 400. | 182. | | 0.0 | 13.0 | 0.6 |
| 06 | 03 | 76 | 1650 | | | .3 | | 16028 | | 2.00 | 1500. | 100. | 32. | | 0.0 | 12.0 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|------|--------|-------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 2.40 | 2500. | 400. | 182. | | 0.00 | 13.0 | 0.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 2.20 | 1936.* | 200.* | 76.* | | 0.0 | 12.5 | 0.6 |
| MINIMUM | | | | | | | | | | 2.00 | 1500. | 100. | 32. | | 0.0 | 12.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | 2 | | 2 | 2 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 01 | 76 | 1515 | | | .3 | | 0.017 | 0.003 | 0.060 | 0.410 | 0.004 | 0.580 | 76.0 | 4.0 | | 72 |
| 06 | 03 | 76 | 1650 | | | .3 | | 0.011 | 0.003 | 0.064 | 0.250 | 0.013 | 0.562 | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|------|-----|--|----|
| MAXIMUM | | | | | | | | 0.017 | 0.003 | 0.064 | 0.410 | 0.013 | 0.580 | 76.0 | 4.0 | | 72 |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.003 | 0.062 | 0.330 | 0.009 | 0.571 | 76.0 | 4.0 | | 72 |
| MINIMUM | | | | | | | | 0.011 | 0.003 | 0.060 | 0.250 | 0.004 | 0.562 | 76.0 | 4.0 | | 72 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 01 | 76 | 1515 | | | .3 | | 110 | 4.00 | 5.9 | | 5.00 | | | 7.10 | | |
| 06 | 03 | 76 | 1650 | | | .3 | | | | 11.0 | 11.5 | 6.80 | | | | | 0.660 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 110 | 4.00 | 11.0 | 11.5 | 6.80 | | | 7.10 | | 0.660 |
| AVG OR GEOM MN (*) | | | | | | | | 110 | 4.00 | 8.5 | 11.5 | 5.90 | | | 7.10 | | 0.660 |
| MINIMUM | | | | | | | | 110 | 4.00 | 5.9 | 11.5 | 5.00 | | | 7.10 | | 0.660 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 2 | 1 | 2 | | | 1 | | 1 |

B.O.W. / SITE: EAST DAVIGNON CREEK
 SAMPLE POINT: NEAR MOUTH, WEST OF ALGOMA SAULT
 STATION TYPE: RIVER

STATION ID: 13-0008-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: EAST DAVIGNON CREEK

STORET CODE: 02
 C02
 B600

| STN NO | 1 | LAT | LONG | U.T.M. 16 0700925.0 5155300.0 4 | REGION 05 | MILEAGE | 0.30 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 01 | 76 | 1450 | | | .3 | | 16009 | | | 64. | 4. | 0. | | 9.0 | 11.0 | 2.0 |
| 06 03 | 76 | 1630 | | | .3 | | 16027 | | | 18. | 2. | 0. | | 10.0 | 10.0 | |
| 03 04 | 76 | 1615 | | | .3 | | 16045 | | | 1500. | 100. | 196. | | 9.0 | 10.0 | 3.6 |
| 23 05 | 76 | 1315 | | | .3 | | 16059 | | | 700. | 14. | | | 15.0 | 9.0 | 1.2 |
| 26 06 | 76 | 1420 | | | .3 | | 16076 | | | | | | | 22.0 | 9.0 | 1.0 |
| 04 08 | 76 | 1415 | | | .3 | | 16097 | | | 1200. | 14. | | | 22.0 | 8.0 | 1.2 |
| 11 09 | 76 | 1515 | | | .3 | | 16118 | | | 40. | 40. | 52. | | 20.0 | 9.0 | 1.2 |
| 23 10 | 76 | 1835 | | | .3 | | 16139 | | | 80. G | 26. | 40. | | 8.0 | 11.0 | 3.1 |
| 14 11 | 76 | 1500 | | | .3 | | 16160 | | | 30. | 24. | 8. | | 7.0 | 10.0 | 0.9 |
| 18 12 | 76 | 1735 | | | .3 | | 16200 | | | 28. | 16. | | | 4.0 | | |
| MAXIMUM | | | | | | | | | | 1500. | 100. | 196. | | 22.0 | 11.0 | 3.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 116.* U | 16.* | 12.* | | 12.6 | 9.7 | 1.8 |
| MINIMUM | | | | | | | | | | 18. | 2. | 0. | | 4.0 | 8.0 | 0.9 |
| NO OF SAMPLES | | | | | | | | | | 9 | 9 | 6 | | 10 | 9 | 8 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 01 | 76 | 1450 | | | .3 | | 0.026 | 0.008 | 0.160 | 0.430 | 0.027 | 0.380 | 101.0 | 7.0 | | 94 |
| 06 03 | 76 | 1630 | | | .3 | | 0.030 | 0.001L | 0.390 | 0.640 | 0.027 | 0.358 | | | | |
| 03 04 | 76 | 1615 | | | .3 | | 0.104 | 0.017 | 0.158 | 0.760 | 0.032 | 0.563 | | | | |
| 23 05 | 76 | 1315 | | | .3 | | 0.052 | 0.013 | 0.018 | 0.260 | 0.013 | 0.192 | 92.0 | 4.4 | | 88 |
| 26 06 | 76 | 1420 | | | .3 | | 0.060 | 0.001 | 0.016 | 0.500 | 0.009 | 0.316 | 103.0 | 12.0 | | 91 |
| 04 08 | 76 | 1415 | | | .3 | | 0.015 | 0.001 | 0.580 | 1.050 | 0.033 | 0.277 | 106.0 | 12.0 | | 94 |
| 11 09 | 76 | 1515 | | | .3 | | 0.035 | 0.002 | 0.046 | 0.550 | 0.041 | 0.279 | 89.0 | 8.1 | | 81 |
| 23 10 | 76 | 1835 | | | .3 | | 0.024 | 0.002 | 1.320 | 1.640 | 0.059 | 0.321 | 119.0 | 7.7 | | 111 |
| 14 11 | 76 | 1500 | | | .3 | | 0.024 | 0.009 | 0.178 | 1.000 | 0.012 | 0.253 | 94.0 | 6.4 | | 88 |
| 18 12 | 76 | 1735 | | | .3 | | 0.035 | 0.001 | 0.420 | 0.800 | 0.036 | 0.314 | 105. | 14. | | 91 |
| MAXIMUM | | | | | | | 0.104 | 0.017 | 1.320 | 1.640 | 0.059 | 0.563 | 119.0 | 14. | | 111 |
| AVG OR GEOM MN (*) | | | | | | | 0.041 | 0.006D | 0.329 | 0.763 | 0.029 | 0.325 | 101.1 | 9.0 | | 92 |
| MINIMUM | | | | | | | 0.015 | 0.001 | 0.016 | 0.260 | 0.009 | 0.192 | 89.0 | 4.4 | | 81 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | | 8 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 01 | 76 | 1450 | | | .3 | | 145 | 6.70 | 13.5 | | 2.10 | | | 7.10 | | |
| 06 03 | 76 | 1630 | | | .3 | | | | 18.5 | 7.0 | 2.05 | | | | 3.80 | |
| 03 04 | 76 | 1615 | | | .3 | | 240 | 23.00 | 23.5 | | | | | | | |
| 23 05 | 76 | 1315 | | | .3 | | 135 | 4.70 | 14.5 | 7.5 | 1.65 | | 7.18 | | | 0.950 |
| 26 06 | 76 | 1420 | | | .3 | | 141 | 9.90 | 17.5 | 5.5 | 1.75 | | 6.92 | | | 4.000 |
| 04 08 | 76 | 1415 | | | .3 | | 147 | 8.60 | 22.5 | 7.5 | 1.50 | | 7.61 | | | 3.750 |
| 11 09 | 76 | 1515 | | | .3 | | 127 | 18.00 | 11.5 | 4.5 | 1.55 | | 7.35 | | | 2.900 |
| 23 10 | 76 | 1835 | | | .3 | | 170 | 16.00 | 13.5 | 9.0 | 2.00 | | 7.37 | | | 2.600 |
| 14 11 | 76 | 1500 | | | .3 | | 136 | 6.40 | 10.5 | 6.5 | 1.60 | | 7.83 | | | 1.900 |
| 18 12 | 76 | 1735 | | | .3 | | 138 | 22. | 14. | 6. | 1.75 | | 7.18 | | | 5.2 |
| MAXIMUM | | | | | | | 240 | 23.00 | 23.5 | 9.0 | 2.10 | | 7.83 | | | 5.2 |
| AVG OR GEOM MN (*) | | | | | | | 153 | 12.81 | 16.0 | 6.7 | 1.77 | | 7.32 | | | 3.043 |
| MINIMUM | | | | | | | 127 | 4.70 | 10.5 | 4.5 | 1.50 | | 6.92 | | | 0.950 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 10 | 8 | 9 | | 8 | | 1 | 7 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 17 01 | 76 | 1450 | | | .3 | | 28.0 | | | | | | | | | |
| 06 03 | 76 | 1630 | | | .3 | | | | | | | | | | | |
| 03 04 | 76 | 1615 | | | .3 | | | | | | | | | | | |
| 23 05 | 76 | 1315 | | | .3 | | 7.0 | | | | | | | 5 | 34 | |
| 26 06 | 76 | 1420 | | | .3 | | 3.0 | | | | | | | 1 | 18 | |
| 04 08 | 76 | 1415 | | | .3 | | 1.0L | | | | | | | 11 | 14 | |
| 11 09 | 76 | 1515 | | | .3 | | 5.0 | | | | | | | 5 | 10 | |
| 23 10 | 76 | 1835 | | | .3 | | 650.0 | | | | | | | 5 | 16 | |
| 14 11 | 76 | 1500 | | | .3 | | 98.0 | | | | | | | 4 | 34 | |
| 18 12 | 76 | 1735 | | | .3 | | 78. | | | | | | | 7 | 32 | |
| MAXIMUM | | | | | | | 650.0 | | | | | | | 11 | 34 | |
| AVG OR GEOM MN (*) | | | | | | | 108.8D | | | | | | | 5 | 23 | |
| MINIMUM | | | | | | | 1.0 | | | | | | | 1 | 10 | |
| NO OF SAMPLES | | | | | | | 8 | | | | | | | 7 | 7 | |

CONT'D

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 14 | 11 | 76 | 1500 | | | | .3 | 0.005 | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.050 | | 0.010L |
| | | | | | | | | MAXIMUM | 0.005 | 0.020 | 0.010 | 0.010 | 0.010 | 0.005 | 0.050 | | 0.010 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.005 | 0.0200 | 0.0100 | 0.0100 | 0.0100 | 0.0050 | 0.050 | | 0.0100 |
| | | | | | | | | MINIMUM | 0.005 | 0.020 | 0.010 | 0.010 | 0.010 | 0.005 | 0.050 | | 0.010 |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: FORT CREEK
SAMPLE POINT: AT MOUTH, SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-00C9-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FORT CREEK

STORET CODE: 02
002
8590

STN NO 1 LAT LONG U.T.M. 16 0703800.0 5154550.0 4 REGION 05 MILEAGE 0.10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 01 | 76 | 1410 | | | | .3 | 16008 | | | 2600. | 32. | 160. | | 0.0 | 12.0 | 4.6 |
| 06 | 03 | 76 | 1600 | | | | .3 | 16026 | | | 900. | 90. | 210. | | 0.0 | 11.0 | |
| 03 | 04 | 76 | 1530 | | | | .3 | 16044 | | | 8000. | 8000. | 2000. | | 2.0 | 11.0 | 4.0 |
| 23 | 05 | 76 | 1200 | | | | .3 | 16058 | | | 3300. | 1200. | G | | 13.0 | 9.0 | 0.8 |
| 26 | 06 | 76 | 1530 | | | | .3 | 16075 | | | | | | | 20.0 | 4.0 | 3.6 |
| 04 | 08 | 76 | 1345 | | | | .3 | 16096 | | | 8000. | 6000. | | | 16.0 | 6.0 | 0.4 |
| 11 | 09 | 76 | 1620 | | | | .3 | 16117 | | | 8000. | 1040. | 66. | | 17.0 | 10.0 | |
| 23 | 10 | 76 | 1815 | | | | .3 | 16138 | | | 80. | G | 80. | G | 4.0 | 11.0 | 1.3 |
| 14 | 11 | 76 | 1435 | | | | .3 | 16159 | | | 8000. | G | 1200. | G | 200. | 13.0 | 2.7 |
| 18 | 12 | 76 | 1600 | | | | .3 | 16198 | | | 8000. | G | 1200. | G | 0.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----------|----------|----------|--|--|--|------|------|-----|
| | | | | | | | | MAXIMUM | 8000. | 8000. | 2000. | | | | 20.0 | 13.0 | 4.6 |
| | | | | | | | | AVG OR GEOM MN (*) | 3009. * U | 647. * U | 203. * U | | | | 7.4 | 9.7 | 2.5 |
| | | | | | | | | MINIMUM | 80. | 32. | 66. | | | | 0.0 | 4.0 | 0.4 |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 6 | | | | 10 | 9 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 01 | 76 | 1410 | | | | .3 | 1.400 | 0.210 | 0.010L | 0.840 | 0.017 | 0.670 | 276.0 | 18.0 | | 260 |
| 06 | 03 | 76 | 1600 | | | | .3 | 0.062 | 0.009 | 0.106 | 0.42 | 0.023 | 0.562 | | | | |
| 03 | 04 | 76 | 1530 | | | | .3 | 0.250 | 0.059 | 0.132 | 1.100 | 0.023 | 0.492 | | | | |
| 23 | 05 | 76 | 1200 | | | | .3 | 0.067 | 0.009 | 0.052 | 0.640 | 0.022 | 0.144 | 334.0 | 21.0 | | |
| 26 | 06 | 76 | 1530 | | | | .3 | 0.330 | 0.120 | 0.104 | 1.100 | 0.021 | 0.184 | 374.0 | 39.0 | | |
| 04 | 08 | 76 | 1345 | | | | .3 | 0.115 | 0.052 | 0.154 | 0.650 | 0.020 | 0.140 | 281.0 | 23.0 | | |
| 11 | 09 | 76 | 1620 | | | | .3 | | | | | | | | | | |
| 23 | 10 | 76 | 1815 | | | | .3 | 0.095 | 0.009 | 0.056 | 0.650 | 0.012 | 0.283 | 482.0 | 57.0 | | |
| 14 | 11 | 76 | 1435 | | | | .3 | 0.138 | 0.018 | 0.038 | 0.520 | 0.012 | 0.278 | 580.0 | 44.0 | | |
| 18 | 12 | 76 | 1600 | | | | .3 | 0.326 | 0.240 | 0.312 | 0.76 | 0.016 | 0.469 | 486. | 11. | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|--------|-------|-------|-------|-------|------|-----|
| | | | | | | | | MAXIMUM | 1.400 | 0.240 | 0.312 | 1.100 | 0.023 | 0.670 | 580.0 | 57.0 | 260 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.309 | 0.081 | 0.107D | 0.742 | 0.018 | 0.358 | 401.9 | 30.4 | 260 |
| | | | | | | | | MINIMUM | 0.062 | 0.009 | 0.010 | 0.42 | 0.012 | 0.140 | 276.0 | 11. | 260 |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 7 | 7 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 01 | 76 | 1410 | | | | .3 | 400 | 15.00 | 42.5 | | 5.80 | | | 8.20 | | |
| 06 | 03 | 76 | 1600 | | | | .3 | | | 250. | 18.5 | | | | | 1.62 | |
| 03 | 04 | 76 | 1530 | | | | .3 | 330 | 66.00 | 61.0 | | | | | | | |
| 23 | 05 | 76 | 1200 | | | | .3 | 500 | 18.00 | 75.0 | | | | | | | |
| 26 | 06 | 76 | 1530 | | | | .3 | 480 | 26.00 | 81.0 | | | | | | | |
| 04 | 08 | 76 | 1345 | | | | .3 | 438 | 15.00 | 70.0 | | | 57.0 | 98 | 7.59 | | 0.900 |
| 23 | 10 | 76 | 1815 | | | | .3 | 740 | 40.00 | 150.0 | | | 5.0 | 108 | 7.81 | | 3.050 |
| 14 | 11 | 76 | 1435 | | | | .3 | 950 | 8.50 | | | | 6.0 | 114 | 7.66 | | 1.740 |
| 18 | 12 | 76 | 1600 | | | | .3 | 860 | 6.2 | 198. | | 1.70 | | 109 | 8.12 | | |

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|-------|-------|------|------|------|-----|------|------|-------|
| | | | | | | | | MAXIMUM | 950 | 66.00 | 250. | 18.5 | 5.80 | 57.0 | 114 | 8.20 | 1.62 | 3.050 |
| | | | | | | | | AVG OR GEOM MN (*) | 587 | 24.34 | 115.9 | 18.5 | 3.75 | 22.7 | 107 | 7.88 | 1.62 | 1.897 |
| | | | | | | | | MINIMUM | 330 | 6.2 | 42.5 | 18.5 | 1.70 | 5.0 | 98 | 7.59 | 1.62 | 0.900 |
| | | | | | | | | NO OF SAMPLES | 8 | 8 | 8 | 1 | 2 | 3 | 4 | 5 | 1 | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 17 | 01 | 76 | 1410 | | .3 | | 1.0L | | | | | | | | | |
| 06 | 03 | 76 | 1600 | | .3 | | | | | | | | | | | |
| 03 | 04 | 76 | 1530 | | .3 | | | | | | | | | | | |
| 23 | 05 | 76 | 1200 | | .3 | | 1.0L | | | | | | | | | |
| 26 | 06 | 76 | 1530 | | .3 | | 3.0 | | | | | | | | | |
| 04 | 08 | 76 | 1345 | | .3 | | 1.0 | 147.0 | 45.00 | 8.50 | 20 | | | | | |
| 23 | 10 | 76 | 1815 | | .3 | | | 167.0 | 52.00 | 9.00 | 70G | | | | | |
| 14 | 11 | 76 | 1435 | | .3 | | 2.0 | 161.0 | 47.00 | 10.50 | 40 | | | | | |
| 18 | 12 | 76 | 1600 | | .3 | | 1. | | 42. | | | | | | | |
| MAXIMUM | | | | | | | 3.0 | 167.0 | 52.00 | 10.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 1.50 | 158.3 | 46.50 | 9.33 | 43U | | | | | |
| MINIMUM | | | | | | | 1.0 | 147.0 | 42. | 8.50 | 20 | | | | | |
| NO OF SAMPLES | | | | | | | 6 | 3 | 4 | 3 | 3 | | | | | |

B.O.W. / SITE: ROOT RIVER

SAMPLE POINT: AT HIGHWAY NO 17 6 MILES EAST OF SAULT STE MARIE

STATION TYPE: RIVER FLOW GAUGE FED 02CA002

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: ROOT RIVER

STATION ID: 13-0011-001-02

STORET CODE: 02

002

8570

| STN NO | 1 | LAT | LONG | U.T.M. | 16 | 0713250.0 | 5158350.0 | 4 | REGION | 05 | MILEAGE | 0.80 | | | | |
|--------------------|-----|------|------|--------|-------|-----------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | NF/100ML | NF/100ML | NF/100ML | NF/100ML | DEG C | | MG/L |
| 17 | 01 | 76 | 1350 | | .3 | | 16007 | | 7.20 | 100. | 18. | 10. | | 0.0 | 13.0 | 0.6 |
| 06 | 03 | 76 | 1455 | | .3 | | 16025 | | 11.30 | 120. | 2. | 14. | | 0.0 | 12.0 | |
| 03 | 04 | 76 | 1440 | | .3 | | 16043 | | 388.00 | 400. | 46. | 8. | | 1.0 | 12.0 | 1.2 |
| 23 | 05 | 76 | 1135 | | .3 | | 16057 | | 34.40 | 60. | 2. | | | 13.0 | 10.0 | 0.6 |
| 26 | 06 | 76 | 1140 | | .3 | | 16074 | | 3.50 | | | | | 21.0 | 7.0 | 0.6 |
| 04 | 08 | 76 | 1140 | | .3 | | 16091 | | 0.84 | 64. | 10. | | | 17.0 | 9.0 | 0.4 |
| 11 | 09 | 76 | 1755 | | .3 | | 16112 | | 0.92 | 30. | 2. | 18. | | 16.0 | 11.0 | |
| 23 | 10 | 76 | 1620 | | .3 | | 16133 | | 9.80 | 32. | 2. | 30. | | 4.0 | 12.0 | 0.5 |
| 14 | 11 | 76 | 1330 | | .3 | | 16154 | | 8.20 | 50. | 44. | 14. | | 0.0 | 13.0 | 1.1 |
| 18 | 12 | 76 | 1335 | | .3 | | 16193 | | 4.20 | 102. | 54. | | | 0.0 | | |
| MAXIMUM | | | | | | | | | 388.00 | 400. | 54. | 30. | | 21.0 | 13.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | 46.84 | 77.* | 9.* | 14.* | | 7.2 | 11.0 | 0.7 |
| MINIMUM | | | | | | | | | 0.84 | 30. | 2. | 8. | | 0.0 | 7.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 10 | 9 | 9 | 6 | | 10 | 9 | 7 |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 | 01 | 76 | 1350 | | .3 | | 0.011 | 0.002 | 0.120 | 0.460 | 0.005 | 0.440 | | | | 176 |
| 06 | 03 | 76 | 1455 | | .3 | | 0.017 | 0.006 | 0.076 | 0.25 | 0.014 | 0.341 | 179.0 | 3.0 | | |
| 03 | 04 | 76 | 1440 | | .3 | | 0.094 | 0.005 | 0.042 | 0.520 | 0.008 | 0.457 | | | | |
| 23 | 05 | 76 | 1135 | | .3 | | 0.055 | 0.055 | 0.022 | 0.300 | 0.005 | 0.150 | 54.0 | 5.2 | | |
| 26 | 06 | 76 | 1140 | | .3 | | 0.152 | 0.140 | 0.020 | 0.400 | 0.008 | 0.312 | 77.0 | 5.3 | | |
| 04 | 08 | 76 | 1140 | | .3 | | 0.006 | 0.003 | 0.002 | 0.180 | 0.003 | 0.127 | | | | |
| 11 | 09 | 76 | 1755 | | .3 | | | | | | | | | | | |
| 23 | 10 | 76 | 1620 | | .3 | | 0.018 | 0.003 | 0.006 | 0.160 | 0.005 | 0.355 | 81.0 | 2.5 | | |
| 14 | 11 | 76 | 1330 | | .3 | | 0.014 | 0.012 | 0.018 | 0.170 | 0.005 | 0.320 | 74.0 | 2.3 | | |
| 18 | 12 | 76 | 1335 | | .3 | | 0.015 | 0.002 | 0.238 | 0.77 | 0.003 | 0.332 | 76. | 3.9 | | |
| MAXIMUM | | | | | | | 0.152 | 0.140 | 0.238 | 0.77 | 0.014 | 0.457 | 179.0 | 5.3 | | 176 |
| AVG OR GEOM MN (*) | | | | | | | 0.042 | 0.025 | 0.060 | 0.357 | 0.006 | 0.315 | 90.2 | 3.7 | | 176 |
| MINIMUM | | | | | | | 0.006 | 0.002 | 0.002 | 0.160 | 0.003 | 0.127 | 54.0 | 2.3 | | 176 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 6 | 6 | | 1 |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY | MO | YR | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 | 01 | 76 | 1350 | | .3 | | 270 | 2.90 | 78.0 | | 4.10 | | | 6.90 | | |
| 06 | 03 | 76 | 1455 | | .3 | | | | 9.0 | 9.0 | | | | | 0.60 | |
| 03 | 04 | 76 | 1440 | | .3 | | 63 | 30.00 | 4.9 | | | | | | | |
| 23 | 05 | 76 | 1135 | | .3 | | 75 | 3.20 | 6.0 | | | | | | | |
| 26 | 06 | 76 | 1140 | | .3 | | 108 | 5.30 | 8.0 | | | | | | | |
| 04 | 08 | 76 | 1140 | | .3 | | 106 | 5.20 | 7.7 | | | 24.0 | 33 | 7.37 | | 0.600 |
| 23 | 10 | 76 | 1620 | | .3 | | 118 | 3.00 | 9.1 | | | 3.6 | 34 | 7.27 | | 0.360 |
| 14 | 11 | 76 | 1330 | | .3 | | 110 | 2.20 | 7.7 | | | 4.0 | 29 | 7.24 | | 0.430 |
| 18 | 12 | 76 | 1335 | | .3 | | 112 | 2.0 | 8.7 | | 4.75 | | 30 | 7.05 | | |
| MAXIMUM | | | | | | | 270 | 30.00 | 78.0 | 9.0 | 4.75 | 24.0 | 34 | 7.37 | 0.60 | 0.600 |
| AVG OR GEOM MN (*) | | | | | | | 120 | 6.73 | 15.5 | 9.0 | 4.43 | 10.5 | 32 | 7.17 | 0.60 | 0.463 |
| MINIMUM | | | | | | | 63 | 2.0 | 4.9 | 9.0 | 4.10 | 3.6 | 29 | 6.90 | 0.60 | 0.360 |
| NO OF SAMPLES | | | | | | | 8 | 8 | 9 | 1 | 2 | 3 | 4 | 5 | 1 | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COO | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 17 | 01 | 76 | 1350 | | | .3 | 1.0L | | | | | | | | | |
| 06 | 03 | 76 | 1455 | | | .3 | | | | | | | | | | |
| 03 | 04 | 76 | 1440 | | | .3 | | | | | | | | | | |
| 23 | 05 | 76 | 1135 | | | .3 | 1.0L | | | | | | | | | |
| 26 | 06 | 76 | 1140 | | | .3 | 1.0L | | | | | | | | | |
| 04 | 08 | 76 | 1140 | | | .3 | 1.0L | 42.0 | 11.80 | 2.95 | 20 | | | | | |
| 23 | 10 | 76 | 1620 | | | .3 | | 40.0 | 11.00 | 2.60 | 20 | | | | | |
| 14 | 11 | 76 | 1330 | | | .3 | 1.0L | 38.0 | 10.60 | 2.80 | 15 | | | | | |
| 18 | 12 | 76 | 1335 | | | .3 | 1. L | | 11. | | | | | | | |
| MAXIMUM | | | | | | | 1.0 | 42.0 | 11.80 | 2.95 | 20 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 1.00 | 40.0 | 11.10 | 2.78 | 18 | | | | | |
| MINIMUM | | | | | | | 1.0 | 38.0 | 10.60 | 2.60 | 15 | | | | | |
| NO OF SAMPLES | | | | | | | 6 | 3 | 4 | 3 | 3 | | | | | |

B.O.W./ SITE: ROOT RIVER

SAMPLE POINT: AT HIGHWAY NO 17 4 MILES NORTH OF SAULT STE MARIE

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: ROOT RIVER

STATION ID: 13-0011-002-02

STORET CODE: 02
002
8570

| STN NO | 2 | LAT | LONG | U.T.M. | 16 | 0705300.0 | 5160999.0 | 4 | REGION | 05 | MILEAGE | 8.60 | | | | |
|--------------------|-----|------|------|--------|------|-----------|-----------|----------|----------|----------|----------|----------|----------|---------|--------|-----------|
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 24 | 05 | 76 | 0845 | | | .3 | 16061 | | | 34. | 2. | | | 10.0 | 10.0 | 0.2 |
| 27 | 06 | 76 | 1005 | | | .3 | 16078 | | | | | | | 16.0 | 9.0 | 1.0 |
| 05 | 08 | 76 | 1000 | | | .3 | 16099 | | | 144. | 60. | | | 17.0 | 8.0 | 2.2 |
| 11 | 09 | 76 | 1400 | | | .3 | 16120 | | | 900. | 30. | 190. | | 16.0 | 9.0 | |
| 24 | 10 | 76 | 1430 | | | .3 | 16141 | | | 34. | 8. | 80. | G | 3.0 | 11.0 | 1.3 |
| 14 | 11 | 76 | 1600 | | | .3 | 16162 | | | 26. | 6. | 4. | | 0.0 | 10.0 | 1.4 |
| MAXIMUM | | | | | | | | | | 900. | 60. | 190. | | 17.0 | 11.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 83.* | 11.* | 39.* | U | 10.3 | 9.5 | 1.2 |
| MINIMUM | | | | | | | | | | 26. | 2. | 4. | | 0.0 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 5 | 5 | 3 | | 6 | 6 | 5 |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 | 05 | 76 | 0845 | | | .3 | 0.008 | 0.001 | 0.166 | 0.410 | 0.002 | 0.133 | 57.0 | 1.8 | | |
| 27 | 06 | 76 | 1005 | | | .3 | 0.005 | 0.003 | 1.340 | 1.980 | 0.032 | 0.758 | 140.0 | 0.4 | | |
| 05 | 08 | 76 | 1000 | | | .3 | 0.001 | 0.001 | 1.260 | 2.040 | 0.062 | 2.040 | 242.0 | 0.5 | | |
| 11 | 09 | 76 | 1400 | | | .3 | | | | | | | | | | |
| 24 | 10 | 76 | 1430 | | | .3 | 0.014 | 0.002 | 0.840 | 1.100 | 0.006 | 0.409 | 100.0 | 1.7 | | |
| 14 | 11 | 76 | 1600 | | | .3 | 0.010 | 0.008 | 0.500 | 0.730 | 0.003 | 0.397 | 113.0 | 1.5 | | |
| MAXIMUM | | | | | | | 0.014 | 0.008 | 1.340 | 2.040 | 0.062 | 2.040 | 242.0 | 1.8 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.008 | 0.003 | 0.821 | 1.252 | 0.021 | 0.747 | 130.4 | 1.2 | | |
| MINIMUM | | | | | | | 0.001 | 0.001 | 0.166 | 0.410 | 0.002 | 0.133 | 57.0 | 0.4 | | |
| NO OF SAMPLES | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 24 | 05 | 76 | 0845 | | | .3 | 85 | 1.10 | 11.0 | | | | | | | |
| 27 | 06 | 76 | 1005 | | | .3 | 215 | 1.90 | 20.0 | | | | | | | |
| 05 | 08 | 76 | 1000 | | | .3 | 342 | 1.00 | 37.5 | | | 24.0 | 112 | 7.99 | | 0.130 |
| 24 | 10 | 76 | 1430 | | | .3 | 149 | 1.40 | 14.5 | | | 2.0 | 42 | 7.70 | | 0.460 |
| 14 | 11 | 76 | 1600 | | | .3 | 170 | 1.20 | 21.5 | | | 6.0 | 37 | 7.11 | | 0.400 |
| MAXIMUM | | | | | | | 342 | 1.90 | 37.5 | | | 24.0 | 112 | 7.99 | | 0.460 |
| AVG OR GEOM MN (*) | | | | | | | 192 | 1.32 | 20.9 | | | 10.7 | 64 | 7.60 | | 0.330 |
| MINIMUM | | | | | | | 85 | 1.00 | 11.0 | | | 2.0 | 37 | 7.11 | | 0.130 |
| NO OF SAMPLES | | | | | | | 5 | 5 | 5 | | | 3 | 3 | 3 | | 3 |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COO | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 24 | 05 | 76 | 0845 | | | .3 | 1.0L | | | | | | | | | |
| 27 | 06 | 76 | 1005 | | | .3 | 1.0L | | | | | | | | | |
| 05 | 08 | 76 | 1000 | | | .3 | 1.0L | 128.0 | 33.00 | 11.00 | 15 | | | | | |
| 24 | 10 | 76 | 1430 | | | .3 | | 45.0 | 12.50 | 3.20 | 40 | | | | | |
| 14 | 11 | 76 | 1600 | | | .3 | 1.0L | 42.0 | 11.60 | 3.20 | 15 | | | | | |
| MAXIMUM | | | | | | | 1.0 | 128.0 | 33.00 | 11.00 | 40 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 1.00 | 71.7 | 19.03 | 5.80 | 23 | | | | | |
| MINIMUM | | | | | | | 1.0 | 42.0 | 11.60 | 3.20 | 15 | | | | | |
| NO OF SAMPLES | | | | | | | 4 | 3 | 3 | 3 | 3 | | | | | |

B.O.W. / SITE: GARDEN RIVER
 SAMPLE POINT: HIGHWAY 17, GARDEN RIVER
 STATION TYPE: RIVER

STATION ID: 13-0013-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: GARDEN RIVER

STORET CODE: 02
 002
 8550

| STN NO | 1 | LAT | LONG | U.T.M. 16 0717900.0 5158150.0 4 | REGION 05 | MILEAGE | 1.40 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 | 01 | 76 | 1330 | | | .3 | | 16006 | | | 12. | 0. | 2. | | 0.0 | 12.0 | 1.0 |
| 06 | 03 | 76 | 1410 | | | .3 | | 16024 | | | 0. | 0. | 0. | | 0.0 | 12.0 | |
| 03 | 04 | 76 | 1420 | | | .3 | | 16042 | | | 20. | 0. | 8. | | 1.0 | 12.0 | 1.2 |
| 23 | 05 | 76 | 1115 | | | .3 | | 16056 | | | 10. | 6. | | | 12.0 | 10.0 | 0.6 |
| 26 | 06 | 76 | 1120 | | | .3 | | 16073 | | | | | | | 21.0 | 9.0 | 0.6 |
| 04 | 08 | 76 | 1115 | | | .3 | | 16090 | | | 44. | 22. | | | 20.0 | 9.0 | 0.4 |
| 11 | 09 | 76 | 1810 | | | .3 | | 16111 | | | 28. | 8. | 10. | | 15.0 | 10.0 | 0.4 |
| 23 | 10 | 76 | 1600 | | | .3 | | 16132 | | | 2. | 0. | 8. | | 4.0 | 12.0 | 1.0 |
| 14 | 11 | 76 | 0900 | | | .3 | | 16153 | | | 10. | 2. L | 2. L | | 0.0 | 13.0 | 1.3 |
| 18 | 12 | 76 | 1300 | | | .3 | | 16192 | | | 4. | 4. | | | 0.0 | | |
| MAXIMUM | | | | | | | | | | | 44. | 22. | 10. | | 21.0 | 13.0 | 1.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 9. | 3. D | 4. D | | 7.3 | 11.0 | 0.6 |
| MINIMUM | | | | | | | | | | | 0. | 0. | 0. | | 0.0 | 9.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 6 | | 10 | 9 | 8 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 | 01 | 76 | 1330 | | | .3 | | 0.007 | 0.001 | 0.020 | 0.260 | 0.002 | 0.310 | 48.0 | 2.0 | | 46 |
| 06 | 03 | 76 | 1410 | | | .3 | | 0.008 | 0.003 | 0.008 | 0.18 | 0.003 | 0.282 | | | | |
| 03 | 04 | 76 | 1420 | | | .3 | | 0.124 | 0.005 | 0.044 | 0.380 | 0.007 | 0.528 | | | | |
| 23 | 05 | 76 | 1115 | | | .3 | | 0.017 | 0.002 | 0.024 | 0.290 | 0.005 | 0.130 | 41.0 | 7.8 | | 33 |
| 26 | 06 | 76 | 1120 | | | .3 | | 0.205 | 0.140 | 0.008 | 0.300 | 0.002 | 0.133 | 50.0 | 4.1 | | 46 |
| 04 | 08 | 76 | 1115 | | | .3 | | 0.007 | 0.002 | 0.016 | 0.230 | 0.002 | 0.053 | 57.0 | 2.1 | | 55 |
| 11 | 09 | 76 | 1810 | | | .3 | | 0.006 | 0.005 | 0.006 | 0.200 | 0.002 | 0.073 | 65.0 | 3.0 | | 62 |
| 23 | 10 | 76 | 1600 | | | .3 | | 0.006 | 0.002 | 0.012 | 0.140 | 0.001 | 0.149 | 62.0 | 2.6 | | 59 |
| 14 | 11 | 76 | 0900 | | | .3 | | 0.010 | 0.005 | 0.018 | 0.100 | 0.001 | 0.184 | 61.0 | 6.3 | | 55 |
| 18 | 12 | 76 | 1300 | | | .3 | | 0.005 | 0.001 | 0.010 | 0.130 | 0.001 | 0.194 | 57. | 2.4 | | 55 |
| MAXIMUM | | | | | | | | 0.205 | 0.140 | 0.044 | 0.380 | 0.007 | 0.528 | 65.0 | 7.8 | | 62 |
| AVG OR GEOM MN (*) | | | | | | | | 0.040 | 0.017 | 0.017 | 0.221 | 0.003 | 0.204 | 55.1 | 3.8 | | 51 |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.006 | 0.100 | 0.001 | 0.053 | 41.0 | 2.0 | | 33 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | | 8 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 | 01 | 76 | 1330 | | | .3 | | 72 | 1.80 | 2.9 | | 3.80 | | | 7.00 | | |
| 06 | 03 | 76 | 1410 | | | .3 | | | | 2.4 | 9.0 | | | | | 0.20 | |
| 03 | 04 | 76 | 1420 | | | .3 | | 50 | 32.00 | 0.8 | | | | | | | |
| 23 | 05 | 76 | 1115 | | | .3 | | 50 | 2.60 | 1.8 | 8.0 | 1.75 | | | | | 0.410 |
| 26 | 06 | 76 | 1120 | | | .3 | | 69 | 2.40 | 0.8 | 8.0 | 3.20 | | | 6.94 | | 0.240 |
| 04 | 08 | 76 | 1115 | | | .3 | | 86 | 2.00 | 1.0 | 7.5 | 3.25 | | | 7.53 | | 0.250 |
| 11 | 09 | 76 | 1810 | | | .3 | | 94 | 2.80 | 0.9 | 8.0 | 3.65 | | | 7.30 | | 0.300 |
| 23 | 10 | 76 | 1600 | | | .3 | | 92 | 2.00 | 3.5 | 8.0 | 4.05 | | | 7.34 | | 0.250 |
| 14 | 11 | 76 | 0900 | | | .3 | | 86 | 2.60 | 1.0 | 9.0 | 4.20 | | | 7.50 | | 0.430 |
| 18 | 12 | 76 | 1300 | | | .3 | | 85 | 1.4 | 1. | 8.5 | 4.2 | | | 7.13 | | 0.22 |
| MAXIMUM | | | | | | | | 94 | 32.00 | 3.5 | 9.0 | 4.20 | | | 7.70 | 0.20 | 0.430 |
| AVG OR GEOM MN (*) | | | | | | | | 76 | 5.51 | 1.6 | 8.3 | 3.51 | | | 7.31 | 0.20 | 0.300 |
| MINIMUM | | | | | | | | 50 | 1.4 | 0.8 | 7.5 | 1.75 | | | 6.94 | 0.20 | 0.22 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | 8 | 8 | | | 8 | 1 | 7 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 17 | 01 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | | | |
| 06 | 03 | 76 | 1410 | | | .3 | | | | | | | | | | | |
| 03 | 04 | 76 | 1420 | | | .3 | | | | | | | | | | | |
| 23 | 05 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | | | |
| 26 | 06 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | 5 | | |
| 04 | 08 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | 2 | 18 | |
| 11 | 09 | 76 | 1810 | | | .3 | | 2.0 | | | | | | | 4 | | |
| 23 | 10 | 76 | 1600 | | | .3 | | 1.0L | | | | | | | 5 | | |
| 14 | 11 | 76 | 0900 | | | .3 | | 1.0 | | | | | | | 4 | | |
| 18 | 12 | 76 | 1300 | | | .3 | | 1. | | | | | | | 4 | | |
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 7 | 28 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.10 | | | | | | | 4 | 23 | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 2 | 18 | |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 7 | 2 | |

CONT'D

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 14 11 76 0900 | | | .3 | | 0.001L | 0.020L | | 0.020 | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| | | | MAXIMUM | | 0.001 | 0.020 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | AVG OR GEOM MN (*) | | 0.001D | 0.020D | | 0.020 | 0.010D | 0.010D | 0.005D | 0.010D | | 0.010D |
| | | | MINIMUM | | 0.001 | 0.020 | | 0.020 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| | | | NO OF SAMPLES | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: DESBARATS RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF DESBARATS
STATION TYPE: RIVER

STATION ID: 13-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: DESBARATS RIVER

STORET CODE: 02
002
8270

| STN NO | 2 | LAT | LONG | U.T.M. 17 0275100.0 5136125.0 4 | | | | | | | REGION 05 | MILEAGE | 0.70 | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 17 01 76 1100 | | | .3 | | 16003 | | | 70. | 12. | 20. | | 0.0 | 12.0 | 1.2 |
| 06 03 76 1030 | | | .3 | | 16021 | | | 0. | 0. | 0. | | 0.0 | 13.0 | |
| 03 04 76 1245 | | | .3 | | 16039 | | | 196. | 10. | 134. | | 1.0 | 11.0 | 1.0 |
| | | | | | MAXIMUM | | | 196. | 12. | 134. | | 1.0 | 13.0 | 1.2 |
| | | | | | AVG OR GEOM MN (*) | | | 24.* | 5.* | 14.* | | 0.3 | 12.0 | 1.1 |
| | | | | | MINIMUM | | | 0. | 0. | 0. | | 0.0 | 11.0 | 1.0 |
| | | | | | NO OF SAMPLES | | | 3 | 3 | 3 | | 3 | 3 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 01 76 1100 | | | .3 | | 0.036 | 0.005 | 0.040 | 0.600 | 0.004 | 0.080 | 54.0 | 12.0 | | 42 |
| 06 03 76 1030 | | | .3 | | 0.270 | 0.043 | 0.294 | 1.25 | 0.026 | 1.50 | | | | |
| 03 04 76 1245 | | | .3 | | 0.064 | 0.024 | 0.036 | 0.480 | 0.009 | 0.245 | | | | |
| | | | | | MAXIMUM | 0.270 | 0.043 | 0.294 | 1.25 | 0.026 | 1.50 | 54.0 | 12.0 | 42 |
| | | | | | AVG OR GEOM MN (*) | 0.123 | 0.024 | 0.123 | 0.777 | 0.013 | 0.608 | 54.0 | 12.0 | 42 |
| | | | | | MINIMUM | 0.036 | 0.005 | 0.036 | 0.480 | 0.004 | 0.080 | 54.0 | 12.0 | 42 |
| | | | | | NO OF SAMPLES | 3 | 3 | 3 | 3 | 3 | 1 | 1 | | 1 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 01 76 1100 | | | .3 | | 66 | 18.00 | 1.5 | | 3.10 | | | | | |
| 06 03 76 1030 | | | .3 | | | | 30.5 | 36. | | | | 6.80 | 0.46 | |
| 03 04 76 1245 | | | .3 | | 68 | 11.00 | 35.0 | | | | | | | |
| | | | MAXIMUM | | 68 | 18.00 | 35.0 | 36. | 3.10 | | | 6.80 | 0.46 | |
| | | | AVG OR GEOM MN (*) | | 67 | 14.50 | 22.3 | 36. | 3.10 | | | 6.80 | 0.46 | |
| | | | MINIMUM | | 66 | 11.00 | 1.5 | 36. | 3.10 | | | 6.80 | 0.46 | |
| | | | NO OF SAMPLES | | 2 | 2 | 3 | 1 | 1 | | | 1 | 1 | |

B.O.W./ SITE: STOBY CREEK
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 13-0020-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: STOBY CREEK

STORET CODE: 02
002
8260

| STN NO | 1 | LAT | LONG | U.T.M. 17 0277650.0 5135850.0 4 | | | | | | REGION 05 | | MILEAGE | 0.80 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 17 01 76 1040 | | | .3 | | 16002 | | | 100. | 12. | 90. | | 0.0 | 12.0 | 1.0 |
| 06 03 76 1115 | | | .3 | | 16020 | | | 200. | 26. | 660. | | 0.0 | 12.0 | |
| 03 04 76 1230 | | | .3 | | 16038 | | | 76. | 32. | 110. | | 1.0 | 12.0 | 1.6 |
| MAXIMUM | | | | | | | | 200. | 32. | 660. | | 1.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 115.* | 22.* | 187.* | | 0.3 | 12.0 | 1.3 |
| MINIMUM | | | | | | | | 76. | 12. | 90. | | 0.0 | 12.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 2 |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|------|------|----|
| MAXIMUM | 0.082 | 0.028 | 0.368 | 1.00 | 0.016 | 0.129 | 87.0 | 22.0 | 65 |
| AVG OR GEOM MN (") | 0.067 | 0.020 | 0.168 | 0.787 | 0.012 | 0.083 | 87.0 | 22.0 | 65 |
| MINIMUM | 0.040 | 0.009 | 0.060 | 0.600 | 0.008 | 0.040 | 87.0 | 22.0 | 65 |
| NO. OF SAMPLES | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 1 |

| | | | | | | | |
|--------------------|-----|-------|------|------|------|------|------|
| MAXIMUM | 100 | 30.00 | 63. | 15.5 | 3.20 | 6.90 | 1.00 |
| AVG OR GEOM MN (+) | 89 | 25.50 | 23.9 | 15.5 | 3.20 | 6.90 | 1.00 |
| MINIMUM | 78 | 21.00 | 2.5 | 15.5 | 3.20 | 6.90 | 1.00 |
| NO OF SAMPLES | 2 | 2 | 3 | 1 | 1 | 1 | 1 |

STORET CODE: 02
002
8210

| | | | | | | |
|--------------------|----------|-------|--------|------|------|-----|
| MAXIMUM | 13100E+1 | 2000. | 1000. | 17.0 | 11.0 | 8.4 |
| AVG OR GEOM MN (*) | 3249.* | 70.* | 24.* D | 6.3 | 10.8 | 3.9 |
| MINIMUM | 36. | 1. | 1. | 0.0 | 10.0 | 0.6 |
| NO. OF SAMPLES | 5 | 4 | 5 | 8 | 8 | 8 |

| | | | | | | | | | | |
|--------------------|---------|--------|-------|-------|-------|--------|-------|-------|------|----|
| | MAXIMUM | 0.050 | 0.081 | 0.126 | 0.700 | 0.015 | 0.101 | 161.0 | 11.0 | 49 |
| AVG OR GEOM MN (*) | 0.026 | 0.0150 | 0.052 | 0.493 | 0.007 | 0.0490 | 113.9 | 5.2 | 49 | |
| | MINIMUM | 0.001 | 0.002 | 0.360 | 0.003 | 0.005 | 66.0 | 3.5 | 49 | |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 1 | |

| | | | | | |
|--------------------|---------|-----|------|------|------|
| | MAXIMUM | 230 | 3.20 | 27.0 | 41.5 |
| AVG OR GEOM MN (") | | 155 | 2.39 | 13.0 | 24.2 |
| | MINIMUM | 75 | 1.30 | 0.8 | 9.0 |
| NO OF SAMPLES | | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 29 | 04 | 76 | 1600 | | | .3 | | 1.0 | | | | | | | | | |
| 30 | 05 | 76 | 1330 | | | .3 | | 3.0 | | | | | | | | | |
| 27 | 06 | 76 | 1000 | | | .3 | | 11.0 | | | | | | | | | |
| 06 | 08 | 76 | 1025 | | | .3 | | 32.0 | | | | | | | | | |
| 06 | 09 | 76 | 1005 | | | .3 | | 27.5 | | | | | | | | | |
| 11 | 10 | 76 | 0900 | | | .3 | | 1.0L | | | | | | | | | |
| 11 | 11 | 76 | 1000 | | | .3 | | 25.0 | | | | | | | | | |
| 11 | 12 | 76 | 1030 | | | .3 | | 8.0 | | | | | | | | | |

MAXIMUM 32.0
AVG OR GEOM MN (*) 13.6D
MINIMUM 1.0

NO OF SAMPLES 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 29 | 04 | 76 | 1600 | | | .3 | | 0.001L | | | 0.020 | 0.030 | 0.010L | | 0.020L | | 0.040 |
| 30 | 05 | 76 | 1330 | | | .3 | | 0.001 | | | 0.010L | 0.010L | 0.010L | | 0.030 | | 0.050 |
| 27 | 06 | 76 | 1000 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.140 | | 0.040 |
| 06 | 08 | 76 | 1025 | | | .3 | | 0.001 | | | 0.010L | 0.040 | 0.020 | | 0.010 | | 0.010L |
| 06 | 09 | 76 | 1005 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.010 |
| 11 | 10 | 76 | 0900 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.020 |
| 11 | 11 | 76 | 1000 | | | .3 | | 0.001 | | | 0.010L | 0.030 | 0.010L | | 0.020 | | 0.010L |

MAXIMUM 0.001 0.020 0.040 0.020 0.140 0.050
AVG OR GEOM MN (*) 0.001D 0.011D 0.033D 0.011D 0.036D 0.025D
MINIMUM 0.001 0.010 0.010 0.010 0.010 0.010

NO OF SAMPLES 7 7 7 7 7 7

B.O.W./ SITE: THESSALON RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF THESSALON
STATION TYPE: RIVER

STATION ID: 14-0003-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: THESSALON RIVER

STORET CODE: 02
002
8210

STN NO 2 LAT LONG U.T.M. 17 0302750.0 5125550.0 4 REGION 05 MILEAGE 0.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 01 | 76 | 1000 | | | .3 | | 16001 | | | 6300. | 1800. | 126. | | 0.0 | 13.0 | 0.6 |
| 06 | 03 | 76 | 1215 | | | .3 | | 16019 | | | 6500. | 3100. | 420. | | 0.0 | 12.0 | |
| 03 | 04 | 76 | 1130 | | | .3 | | 16037 | | | 8000. | 1800. | 180. | | 1.0 | 12.0 | 1.0 |
| 23 | 05 | 76 | 1000 | | | .3 | | 16055 | | | 8000. G | 1200. G | | | 12.0 | 10.0 | 0.6 |
| 26 | 06 | 76 | 1030 | | | .3 | | 16072 | | | | | | | 22.0 | 7.0 | 1.2 |
| 04 | 08 | 76 | 1000 | | | .3 | | 16089 | | | 8000. | 6000. | | | 20.0 | 8.0 | 0.6 |
| 11 | 09 | 76 | 1935 | | | .3 | | 16110 | | | 8000. | 1200. | 7200. | | 15.0 | 10.0 | 0.6 |
| 23 | 10 | 76 | 1500 | | | .3 | | 16131 | | | 80. | 80. | 80. G | | 4.0 | 13.0 | 5.1 |
| 14 | 11 | 76 | 1015 | | | .3 | | 16152 | | | 8000. G | 1200. G | 120. | | 0.0 | 14.0 | 1.0 |
| 18 | 12 | 76 | 1100 | | | .3 | | 16191 | | | 8000. G | 1200. G | | | 0.0 | | |

MAXIMUM 8000. 6000. 7200.
AVG OR GEOM MN (*) 4563. * U 1292. * U 295. * U
MINIMUM 80. 80. 80.

NO OF SAMPLES 9 9 6 10 9 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 01 | 76 | 1000 | | | .3 | | 0.017 | 0.002 | 0.020 | 0.340 | 0.003 | 0.200 | 63.0 | 4.0 | | 59 |
| 06 | 03 | 76 | 1215 | | | .3 | | 0.020 | 0.006 | 0.016 | 0.27 | 0.006 | 0.199 | | | | |
| 03 | 04 | 76 | 1130 | | | .3 | | 0.082 | 0.008 | 0.036 | 0.460 | 0.008 | 0.405 | | | | |
| 23 | 05 | 76 | 1000 | | | .3 | | 0.051 | 0.018 | 0.086 | 0.510 | 0.007 | 0.063 | 55.0 | 8.7 | | 46 |
| 26 | 06 | 76 | 1030 | | | .3 | | 0.046 | 0.008 | 0.064 | 0.620 | 0.003 | 0.057 | 76.0 | 14.0 | | 62 |
| 04 | 08 | 76 | 1000 | | | .3 | | 0.017 | 0.008 | 0.044 | 0.320 | 0.002 | 0.005L | 73.0 | 4.5 | | 68 |
| 11 | 09 | 76 | 1935 | | | .3 | | 0.060 | 0.042 | 0.082 | 0.570 | 0.003 | 0.017 | 88.0 | 6.8 | | 81 |
| 23 | 10 | 76 | 1500 | | | .3 | | 0.062 | 0.015 | 0.002L | 0.360 | 0.006 | 0.014 | 80.0 | 7.8 | | 72 |
| 14 | 11 | 76 | 1015 | | | .3 | | 0.042 | 0.005 | 0.010 | 0.260 | 0.002 | 0.033 | 83.0 | 15.0 | | 68 |
| 18 | 12 | 76 | 1100 | | | .3 | | 0.025 | 0.009 | 0.024 | 0.280 | 0.002 | 0.008 | 70. | 4.6 | | 65 |

MAXIMUM 0.082 0.042 0.086 0.620 0.008 0.405 88.0 15.0 81
AVG OR GEOM MN (*) 0.042 0.012 0.038D 0.399 0.004 0.100D 73.5 8.2 65
MINIMUM 0.017 0.002 0.002 0.260 0.002 0.005 55.0 4.0 46

NO OF SAMPLES 10 10 10 10 10 10 8 8 8

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 01 | 76 | 1000 | | .3 | | 92 | 2.90 | 1.1 | | 3.60 | | | 7.40 | | |
| 06 | 03 | 76 | 1215 | | .3 | | | | 1.3 | 9.5 | | | | | 0.38 | |
| 03 | 04 | 76 | 1130 | | .3 | | 95 | 28.00 | 2.1 | | | | | | | |
| 23 | 05 | 76 | 1000 | | .3 | | 70 | 5.20 | 1.9 | 8.5 | 1.75 | | | 7.63 | | 0.490 |
| 26 | 06 | 76 | 1030 | | .3 | | 94 | 6.20 | 1.8 | 9.0 | 2.10 | | | 7.34 | | 0.660 |
| 04 | 08 | 76 | 1000 | | .3 | | 104 | 4.40 | 1.1 | 6.0 | 2.15 | | | 7.72 | | 0.350 |
| 11 | 09 | 76 | 1935 | | .3 | | 126 | 5.60 | 1.4 | 8.5 | 2.60 | | | 7.27 | | 0.440 |
| 23 | 10 | 76 | 1500 | | .3 | | 112 | 9.80 | 3.8 | 9.5 | 3.00 | | | 7.20 | | 0.720 |
| 14 | 11 | 76 | 1015 | | .3 | | 106 | 4.40 | 1.5 | 10.0 | 3.15 | | | 7.45 | | 0.530 |
| 18 | 12 | 76 | 1100 | | .3 | | 98 | 3.2 | 1.3 | 10. | 3.2 | | | 7.25 | | 0.37 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-----|-------|-----|------|------|--|--|------|------|-------|
| MAXIMUM | | | | | | | 126 | 28.00 | 3.8 | 10.0 | 3.60 | | | 7.72 | 0.38 | 0.720 |
| AVG OR GEOM MN (%) | | | | | | | 100 | 7.74 | 1.7 | 8.9 | 2.69 | | | 7.41 | 0.38 | 0.514 |
| MINIMUM | | | | | | | 70 | 2.90 | 1.1 | 6.0 | 1.75 | | | 7.20 | 0.38 | 0.37 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 10 | 8 | 8 | | | 8 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 17 | 01 | 76 | 1000 | | .3 | | 1.0L | | | | | | | | | |
| 06 | 03 | 76 | 1215 | | .3 | | | | | | | | | | | |
| 03 | 04 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 23 | 05 | 76 | 1000 | | .3 | | 1.0L | | | | | | | 6 | | |
| 26 | 06 | 76 | 1030 | | .3 | | 1.0L | | | | | | | 5 | 18 | |
| 04 | 08 | 76 | 1000 | | .3 | | 1.0L | | | | | | | 6 | | |
| 11 | 09 | 76 | 1935 | | .3 | | 2.0 | | | | | | | 8 | | |
| 23 | 10 | 76 | 1500 | | .3 | | 1.0L | | | | | | | 8 | | |
| 14 | 11 | 76 | 1015 | | .3 | | 2.0 | | | | | | | 6 | | |
| 18 | 12 | 76 | 1100 | | .3 | | 1. | | | | | | | 7 | 34 | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|---|----|--|
| MAXIMUM | | | | | | | 2.0 | | | | | | | 8 | 34 | |
| AVG OR GEOM MN (%) | | | | | | | 1.30 | | | | | | | 7 | 26 | |
| MINIMUM | | | | | | | 1.0 | | | | | | | 5 | 18 | |
| NO OF SAMPLES | | | | | | | 8 | | | | | | | 7 | 2 | |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 14 | 11 | 76 | 1015 | | .3 | | 0.001L | 0.020L | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| AVG OR GEOM MN (%) | | | | | | | 0.0010 | 0.0200 | | 0.0100 | 0.0100 | 0.0100 | 0.0050 | 0.0100 | | 0.0100 |
| MINIMUM | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W./ SITE: MISSISSAGI RIVER
SAMPLE POINT: AT MISSISSAGI CHUTE
STATION TYPE: RIVER FLOW GAUGE FED 02CC00B

STATION ID: 14-CG12-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO 1 LAT LONG U.T.M. 17 0343360.0 5017525.0 4 REGION 05 MILEAGE 2.40

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M. F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|-----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1200 | | .3 | | 14004 | | 4240.00 | | | | | | | 1.2 |
| 08 | 02 | 76 | 1400 | | .3 | | 14036 | 4 | 2770.00 | | | | | 0.0 | 9.0 | 0.8 |
| 02 | 03 | 76 | 1510 | | .3 | | 14059 | 4 | 4940.00 | | | | | 0.0 | 11.0 | 0.8 |
| 16 | 11 | 76 | 1200 | | .3 | | 16173 | | 1000.00 | | | | | | | |
| 21 | 11 | 76 | 1200 | | .3 | | 14164 | | 346.00 | | | | | | | 0.8 |
| 21 | 12 | 76 | 1200 | | .3 | | 14173 | | 2820.00 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|---------|--|--|--|--|------|------|-----|
| MAXIMUM | | | | | | | | | 4940.00 | | | | | 0.00 | 11.0 | 1.2 |
| AVG OR GEOM MN (%) | | | | | | | | | 2686.00 | | | | | 0.0 | 10.0 | 0.9 |
| MINIMUM | | | | | | | | | 346.00 | | | | | 0.0 | 9.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 6 | | | | | 2 | 2 | 4 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1200 | | .3 | | 0.008 | 0.004 | 0.030 | 0.300 | 0.004 | 0.120 | 44.0 | 2.0 | | 42 |
| 08 | 02 | 76 | 1400 | | .3 | | 0.008 | 0.001 | 0.015 | 0.240 | 0.002 | 0.103 | 40.0 | 1.5 | | 39 |
| 02 | 03 | 76 | 1510 | | .3 | | 0.005 | 0.001 | 0.002 | 0.240 | 0.002 | 0.128 | | | | |
| 16 | 11 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 21 | 11 | 76 | 1200 | | .3 | | 0.017 | 0.002 | 0.014 | 0.200 | 0.033 | 0.692 | 221.0 | 3.0 | | 218 |
| 21 | 12 | 76 | 1200 | | .3 | | 0.008 | 0.002 | 0.016 | 0.260 | 0.002 | 0.033 | 54.0 | 4.8 | | 49 |
| MAXIMUM | | | | | | | 0.017 | 0.004 | 0.030 | 0.300 | 0.033 | 0.692 | 221.0 | 4.8 | | 218 |
| AVG OR GEOM MN (%) | | | | | | | 0.009 | 0.002 | 0.015 | 0.248 | 0.009 | 0.215 | 89.8 | 2.8 | | 87 |
| MINIMUM | | | | | | | 0.005 | 0.001 | 0.002 | 0.200 | 0.002 | 0.033 | 40.0 | 1.5 | | 39 |
| NO OF SAMPLES | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 65 | 1.00 | 1.0 | | 2.40 | | 21 | 7.30 | | |
| 08 | 02 | 76 | 1400 | | | .3 | 58 | 1.70 | 1.9 | 7.0 | 0.60 | | | 7.10 | 0.17 | |
| 02 | 03 | 76 | 1510 | | | .3 | 55 | 0.95 | 1.0 | | | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | 335 | 2.20 | 1.5 | 8.5 | 2.30 | | | 7.75 | | 0.240 |
| 21 | 12 | 76 | 1200 | | | .3 | 75 | 3.00 | 0.6 | 7.5 | 2.45 | | | 7.46 | | 1.220 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-----|------|-----|-----|------|----|------|------|-------|
| | | | | | | | MAXIMUM | 335 | 3.00 | 1.9 | 8.5 | 2.45 | 21 | 7.75 | 0.17 | 1.220 |
| | | | | | | | AVG OR GEOM MN (*) | 118 | 1.77 | 1.2 | 7.7 | 1.94 | 21 | 7.40 | 0.17 | 0.730 |
| | | | | | | | MINIMUM | 55 | 0.95 | 0.6 | 7.0 | 0.60 | 21 | 7.10 | 0.17 | 0.240 |
| | | | | | | | NO OF SAMPLES | 5 | 5 | 5 | 3 | 4 | 1 | 4 | 1 | 2 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 1.0L | | 7.00 | | | | | | | |
| 08 | 02 | 76 | 1400 | | | .3 | 1.0L | | | | | | | 9 | 26 | |
| 02 | 03 | 76 | 1510 | | | .3 | 1.0L | | | | | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | | | 8 | | |
| 21 | 12 | 76 | 1200 | | | .3 | 1.0 | | | | | | | 7 | 28 | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|------|------|--|--|--|--|---|----|--|
| | | | | | | | MAXIMUM | 1.0 | 7.00 | | | | | 9 | 28 | |
| | | | | | | | AVG OR GEOM MN (*) | 1.00 | 7.00 | | | | | 8 | 27 | |
| | | | | | | | MINIMUM | 1.0 | 7.00 | | | | | 7 | 26 | |
| | | | | | | | NO OF SAMPLES | 4 | 1 | | | | | 3 | 2 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | | | | | | | | | 0.020 | |
| 08 | 02 | 76 | 1400 | | | .3 | 0.000L | | | 0.020L | 0.030 | 0.010L | 0.010L | 0.010 | | 0.010L |
| 02 | 03 | 76 | 1510 | | | .3 | | | 0.050L | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |
| 16 | 11 | 76 | 1200 | | | .3 | 0.001L | 0.02 L | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | | | | | | | MAXIMUM | 0.001 | 0.02 | 0.050 | 0.020 | 0.030 | 0.010 | 0.010 | 0.010 | 0.020 |
| | | | | | | | AVG OR GEOM MN (*) | 0.0010 | 0.02 D | 0.0500 | 0.0150 | 0.0200 | 0.0100 | 0.0080 | 0.0100 | 0.020 |
| | | | | | | | MINIMUM | 0.000 | 0.02 | 0.050 | 0.01 | 0.010 | 0.010 | 0.005 | 0.010 | 0.010 |
| | | | | | | | NO OF SAMPLES | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W./ SITE: MISSISSAGI RIVER

STATION ID: 14-0012-002-02

SAMPLE POINT: AT OLD HIGHWAY 17, VILLAGE OF IRON BRIDGE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO 2 LAT LONG U.T.M. 17 0328600.0 5127200.0 4 REGION 05 MILEAGE 14.00

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOO |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 18 | 01 | 76 | 1400 | | | .3 | 14010 | 4 | | | | | | | | 0.8 |
| 08 | 02 | 76 | 1330 | | | .3 | 14030 | 4 | | | | | | | | 0.6 |
| 02 | 03 | 76 | 1430 | | | .3 | 14062 | 4 | | | | | | 0.0 | 10.0 | 0.8 |
| 21 | 03 | 76 | 1100 | | | .3 | 14077 | 4 | | | | | | 0.0 | 11.0 | 2.2 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--|--|--|--|--|--|------|------|-----|
| | | | | | | | MAXIMUM | | | | | | | 0.00 | 12.0 | 2.2 |
| | | | | | | | AVG OR GEOM MN (*) | | | | | | | 0.0 | 11.0 | 1.1 |
| | | | | | | | MINIMUM | | | | | | | 0.0 | 10.0 | 0.6 |
| | | | | | | | NO OF SAMPLES | | | | | | | 3 | 3 | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 | 01 | 76 | 1400 | | | .3 | 0.009 | 0.002 | 0.020 | 0.400 | 0.005 | 0.100 | | | | |
| 08 | 02 | 76 | 1330 | | | .3 | 0.008 | 0.002 | 0.015 | 0.260 | 0.003 | 0.107 | | | | |
| 02 | 03 | 76 | 1430 | | | .3 | 0.008 | 0.003 | 0.004 | 0.290 | 0.003 | 0.172 | | | | |
| 21 | 03 | 76 | 1100 | | | .3 | 0.012 | 0.002 | 0.020 | 0.320 | 0.003 | 0.187 | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|--|--|--|
| | | | | | | | MAXIMUM | 0.012 | 0.003 | 0.020 | 0.400 | 0.005 | 0.187 | | | |
| | | | | | | | AVG OR GEOM MN (*) | 0.009 | 0.002 | 0.015 | 0.318 | 0.004 | 0.142 | | | |
| | | | | | | | MINIMUM | 0.008 | 0.002 | 0.004 | 0.260 | 0.003 | 0.100 | | | |
| | | | | | | | NO OF SAMPLES | 4 | 4 | 4 | 4 | 4 | 4 | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1400 | | | .3 | | 67 | 1.10 | 1.0 | | | | | | | |
| 08 | 02 | 76 | 1330 | | | .3 | | 86 | 1.80 | 2.8 | | | | | | | |
| 02 | 03 | 76 | 1430 | | | .3 | | 60 | 1.20 | 1.0 | | | | | | | |
| 21 | 03 | 76 | 1100 | | | .3 | | 70 | 1.70 | 2.1 | | | | | | | |
| MAXIMUM | | | | | | | | 86 | 1.80 | 2.8 | | | | | | | |
| AVG OR GEOM MN (") | | | | | | | | 71 | 1.45 | 1.7 | | | | | | | |
| MINIMUM | | | | | | | | 60 | 1.10 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: BLIND RIVER
SAMPLE POINT: HUDSON STREET BRIDGE, BLIND RIVER
STATION TYPE: RIVER

STATION ID: 14-0014-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BLIND RIVER

STORET CODE: 02
002
8090

STN NO 2 LAT LONG U.T.M. 17 0349150.0 5116650.0 4 REGION 05 MILEAGE 0.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1500 | | | .3 | | 14011 | 4 | | | | | | | | 0.8 |
| 08 | 02 | 76 | 1510 | | | .3 | | 14031 | 4 | | | | | | 0.0 | 9.0 | 3.8 |
| 02 | 03 | 76 | 1530 | | | .3 | | 14063 | 4 | | | | | | 0.0 | 7.0 | 0.2 |
| 21 | 03 | 76 | 1200 | | | .3 | | 14078 | 4 | | | | | | 0.0 | 9.0 | 0.8 |
| MAXIMUM | | | | | | | | | | | | | | | 0.00 | 9.0 | 3.8 |
| AVG OR GEOM MN (") | | | | | | | | | | | | | | | 0.0 | 8.3 | 1.4 |
| MINIMUM | | | | | | | | | | | | | | | 0.0 | 7.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 3 | 3 | 4 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 01 | 76 | 1500 | | | .3 | | 0.009 | 0.002 | 0.020 | 0.250 | 0.004 | 0.100 | | | | |
| 08 | 02 | 76 | 1510 | | | .3 | | 0.135 | 0.003 | 0.035 | 1.180 | 0.003 | 0.147 | | | | |
| 02 | 03 | 76 | 1530 | | | .3 | | 0.007 | 0.001 | 0.024 | 0.220 | 0.002 | 0.128 | | | | |
| 21 | 03 | 76 | 1200 | | | .3 | | 0.010 | 0.001 | 0.044 | 0.240 | 0.002 | 0.143 | | | | |
| MAXIMUM | | | | | | | | 0.135 | 0.003 | 0.044 | 1.180 | 0.004 | 0.147 | | | | |
| AVG OR GEOM MN (") | | | | | | | | 0.040 | 0.002 | 0.031 | 0.473 | 0.003 | 0.130 | | | | |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.020 | 0.220 | 0.002 | 0.100 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 01 | 76 | 1500 | | | .3 | | 46 | 1.10 | 1.0 | | | | | | | |
| 08 | 02 | 76 | 1510 | | | .3 | | 50 | 2.00 | | | | | | | | |
| 02 | 03 | 76 | 1530 | | | .3 | | | | 1.0 | | | | | | | |
| 21 | 03 | 76 | 1200 | | | .3 | | 55 | 1.50 | 2.5 | | | | | | | |
| MAXIMUM | | | | | | | | 55 | 2.00 | 2.5 | | | | | | | |
| AVG OR GEOM MN (") | | | | | | | | 50 | 1.53 | 1.5 | | | | | | | |
| MINIMUM | | | | | | | | 46 | 1.10 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | | | |

B.O.W./ SITE: BLIND RIVER
SAMPLE POINT: AT HIGHWAY 17 BRIDGE BLIND RIVER
STATION TYPE: RIVER

STATION ID: 14-0014-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BLIND RIVER

STORET CODE: 02
002
8090

STN NO 3 LAT LONG U.T.M. 17 0349020.0 5016350.0 4 REGION 05 MILEAGE 0.20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 01 | 76 | 1200 | | | .3 | | 14005 | | | | | | | | | 1.6 |
| 08 | 02 | 76 | 1440 | | | .3 | | 14037 | 4 | | | | | | 0.0 | 8.0 | 0.6 |
| 02 | 03 | 76 | 1550 | | | .3 | | 14060 | 4 | | | | | | 0.0 | | 0.6 |
| 21 | 03 | 76 | 1130 | | | .3 | | 14080 | 4 | | | | | | 0.0 | 11.0 | |
| 21 | 11 | 76 | 1200 | | | .3 | | 14163 | | | | | | | | | 0.8 |
| 21 | 12 | 76 | 1200 | | | .3 | | 14174 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | | | | 0.00 | 11.0 | 1.6 |
| AVG OR GEOM MN (") | | | | | | | | | | | | | | | 0.0 | 9.5 | 0.9 |
| MINIMUM | | | | | | | | | | | | | | | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 3 | 2 | 4 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 0.009 | 0.002 | 0.020 | 0.310 | 0.004 | 0.120 | 31.0 | 2.0 | | 29 |
| 08 | 02 | 76 | 1440 | | | .3 | 0.008 | 0.002 | 0.030 | 0.240 | 0.002 | 0.118 | 30.0 | 1.6 | | 29 |
| 02 | 03 | 76 | 1550 | | | .3 | 0.015 | 0.002 | 0.016 | 0.340 | 0.002 | 0.133 | | | | |
| 21 | 03 | 76 | 1130 | | | .3 | 0.008 | 0.001L | 0.016 | 0.370 | 0.002 | 0.113 | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | 0.006 | 0.001 | 0.026 | 0.240 | 0.003 | 0.122 | 30.0 | 1.4 | | 29 |
| 21 | 12 | 76 | 1200 | | | .3 | 0.005 | 0.001L | 0.084 | 0.210 | 0.002 | 0.023 | 31.0 | 2.1 | | 29 |
| MAXIMUM | | | | | | | 0.015 | 0.002 | 0.084 | 0.370 | 0.004 | 0.133 | 31.0 | 2.1 | | 29 |
| AVG OR GEOM MN (*) | | | | | | | 0.009 | 0.002D | 0.032 | 0.285 | 0.003 | 0.105 | 30.5 | 1.8 | | 29 |
| MINIMUM | | | | | | | 0.005 | 0.001 | 0.016 | 0.210 | 0.002 | 0.023 | 30.0 | 1.4 | | 29 |
| NO OF SAMPLES | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 4 | 4 | | 4 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 46 | 1.30 | 1.0 | | 1.50 | | 11 | 7.60 | | |
| 08 | 02 | 76 | 1440 | | | .3 | 46 | 1.40 | 1.4 | 7.5 | 1.00 | | | 6.90 | 0.15 | |
| 02 | 03 | 76 | 1550 | | | .3 | 50 | 1.30 | 1.0 | | | | | | | |
| 21 | 03 | 76 | 1130 | | | .3 | 49 | | 1.9 | 8.5 | 1.60 | | | | 0.85 | |
| 21 | 11 | 76 | 1200 | | | .3 | 47 | 1.00 | 0.7 | 9.5 | 1.20 | | | 7.38 | | 0.090 |
| 21 | 12 | 76 | 1200 | | | .3 | 47 | 1.00 | 0.7 | 8.0 | 1.25 | | | 7.50 | | 0.130 |
| MAXIMUM | | | | | | | 50 | 1.40 | 1.9 | 9.5 | 1.60 | | 11 | 7.60 | 0.85 | 0.130 |
| AVG OR GEOM MN (*) | | | | | | | 48 | 1.20 | 1.1 | 8.4 | 1.31 | | 11 | 7.35 | 0.50 | 0.110 |
| MINIMUM | | | | | | | 46 | 1.00 | 0.7 | 7.5 | 1.00 | | 11 | 6.90 | 0.15 | 0.090 |
| NO OF SAMPLES | | | | | | | 6 | 5 | 6 | 4 | 5 | | 1 | 4 | 2 | 2 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|----|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | MG/L | | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 1.0L | | 4.00 | | | | | | | |
| 08 | 02 | 76 | 1440 | | | .3 | 1.0L | | | | | | | 4 | 14 | |
| 02 | 03 | 76 | 1550 | | | .3 | 1.0L | | | | | | | | | |
| 21 | 03 | 76 | 1130 | | | .3 | 1.0L | | | | | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | | | 5 | | |
| 21 | 12 | 76 | 1200 | | | .3 | 6.0 | | | | | | | 6 | 16 | |
| MAXIMUM | | | | | | | 6.0 | | 4.00 | | | | | 6 | 16 | |
| AVG OR GEOM MN (*) | | | | | | | 2.0D | | 4.00 | | | | | 5 | 15 | |
| MINIMUM | | | | | | | 1.0 | | 4.00 | | | | | 4 | 14 | |
| NO OF SAMPLES | | | | | | | 5 | | 1 | | | | | 3 | 2 | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|-----|----|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | | | | | | | | | 0.056 | 0.010L |
| 08 | 02 | 76 | 1440 | | | .3 | 0.000L | | | 0.020L | 0.010L | 0.010L | 0.010L | 0.040 | | |
| 02 | 03 | 76 | 1550 | | | .3 | | | 0.050L | | | | | | | |
| 16 | 11 | 76 | 1200 | | | .3 | 0.001L | 0.02 L | | 0.01 | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.01 L |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.010 | | | | | | | | |
| MAXIMUM | | | | | | | 0.001 | 0.02 | 0.050 | 0.020 | 0.010 | 0.010 | 0.010 | 0.040 | 0.056 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.015D | 0.050D | 0.015D | 0.010D | 0.010D | 0.008D | 0.025D | 0.056 | 0.010D |
| MINIMUM | | | | | | | 0.000 | 0.010 | 0.050 | 0.01 | 0.010 | 0.010 | 0.005 | 0.01 | 0.056 | 0.010 |
| NO OF SAMPLES | | | | | | | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W./ SITE: LAUZON RIVER
SAMPLE POINT: HIGHWAY 17, TOWN OF ALGOMA
STATION TYPE: RIVER

STATION ID: 14-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TRPM STREAM: LAUZON RIVER

STORET CODE: 02
C02
B070

STN NO 1 LAT LONG U.T.M. 17 0360200.0 5115950.0 4 REGION 05 MILEAGE 0.50

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|-----|----|------|------|------|-------|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 18 | 01 | 76 | 1200 | | | .3 | 14006 | | | | | | | | | 1.2 |
| 08 | 02 | 76 | 1520 | | | .3 | 14038 | | | | | | | 0.0 | 8.5 | 1.0 |
| 02 | 03 | 76 | 1625 | | | .3 | 14061 | | | | | | | | | 0.2 |
| 21 | 03 | 76 | 1230 | | | .3 | 14081 | | | | | | | 0.0 | 12.5 | |
| MAXIMUM | | | | | | | | | | | | | | 0.00 | 12.5 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 0.0 | 10.5 | 0.8 |
| MINIMUM | | | | | | | | | | | | | | 0.0 | 8.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | | | 2 | 2 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|-----|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 01 76 | 1200 | | | | | .3 | | 0.052 | 0.034 | 0.010 | 0.370 | 0.004 | 0.140 | 46.0 | 4.0 | | 42 |
| 08 02 76 | 1520 | | | | | .3 | | 0.094 | 0.084 | 0.015 | 0.200 | 0.002 | 0.148 | 43.0 | 1.2 | | 42 |
| 02 03 76 | 1625 | | | | | .3 | | 0.002 | 0.001 | 0.012 | 0.240 | 0.002 | 0.163 | | | | |
| 21 03 76 | 1230 | | | | | .3 | | 0.100 | 0.073 | 0.002L | 0.320 | 0.003 | 0.082 | | | | |
| MAXIMUM | | | | | | | | 0.100 | 0.084 | 0.015 | 0.370 | 0.004 | 0.163 | 46.0 | 4.0 | | 42 |
| AVG OR GEOM MN (*) | | | | | | | | 0.062 | 0.048 | 0.0100 | 0.283 | 0.003 | 0.133 | 44.5 | 2.6 | | 42 |
| MINIMUM | | | | | | | | 0.002 | 0.001 | 0.002 | 0.200 | 0.002 | 0.082 | 43.0 | 1.2 | | 42 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT. ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|-----|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|----------------------------------|--------------------|-----------------------------|------------------------------|
| 18 01 76 | 1200 | | | | | .3 | | 66 | 1.10 | 2.0 | | 0.80 | | 9 | 7.30 | | |
| 08 02 76 | 1520 | | | | | .3 | | 66 | 1.50 | 0.6 | 15.0 | 2.30 | | | 7.10 | 0.05L | |
| 02 03 76 | 1625 | | | | | .3 | | 60 | 0.75 | 2.0 | | | | | | | |
| 21 03 76 | 1230 | | | | | .3 | | 70 | | 4.4 | 16.5 | 0.70 | | | | 0.15 | |
| MAXIMUM | | | | | | | | 70 | 1.50 | 4.4 | 16.5 | 2.30 | | 9 | 7.30 | 0.15 | |
| AVG OR GEOM MN (*) | | | | | | | | 66 | 1.12 | 2.3 | 15.8 | 1.27 | | 9 | 7.20 | 0.100 | |
| MINIMUM | | | | | | | | 60 | 0.75 | 0.6 | 15.0 | 0.70 | | 9 | 7.10 | 0.05 | |
| NO OF SAMPLES | | | | | | | | 4 | 3 | 4 | 2 | 3 | | 1 | 2 | 2 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|-----|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 18 01 76 | 1200 | | | | | .3 | | 1.0L | | 6.00 | | | | | | | |
| 08 02 76 | 1520 | | | | | .3 | | 1.0L | | | | | | | 3 | 16 | |
| 02 03 76 | 1625 | | | | | .3 | | | | | | | | | | | |
| 21 03 76 | 1230 | | | | | .3 | | 1.0L | | | | | | | | | |
| MAXIMUM | | | | | | | | 1.0 | | 6.00 | | | | | 3 | 16 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | | 6.00 | | | | | 3 | 16 | |
| MINIMUM | | | | | | | | 1.0 | | 6.00 | | | | | 3 | 16 | |
| NO OF SAMPLES | | | | | | | | 3 | | 1 | | | | | 1 | 1 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|-----|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 01 76 | 1200 | | | | | .3 | | | | | | | | | | 0.008 | |
| 08 02 76 | 1520 | | | | | .3 | 0.000L | | | 0.050L | 0.020L | 0.010L | 0.010L | 0.010L | 0.020 | | 0.020 |
| 02 03 76 | 1625 | | | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.000 | | 0.050 | 0.020 | 0.010 | 0.010 | 0.010 | 0.020 | 0.008 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0000 | | 0.0500 | 0.0200 | 0.0100 | 0.0100 | 0.0100 | 0.020 | 0.008 | 0.020 |
| MINIMUM | | | | | | | | 0.000 | | 0.050 | 0.020 | 0.010 | 0.010 | 0.010 | 0.020 | 0.008 | 0.020 |
| NO OF SAMPLES | | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

B.O.W. / SITE: SERPENT RIVER

SAMPLE POINT: AT OLD IRON BRIDGE OLD HIGHWAY NO 17 3 MILES EAST OF HWYS 108 & 17 57 2

STATION TYPE: RIVER FLOW GAUGE FED 02C0001

STATION ID: 14-C019-D01-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SERPENT RIVER

STORET CODE: 02

002

8040

| STN NO | 1 | LAT | LONG | U.T.M. 17 0383350.0 5118400.0 4 | REGION 05 | MILEAGE | 5.10 | | | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 08 02 76 | 1100 | | | | | .3 | | 14035 | 4 | 365.00 | | | | | 0.0 | 13.0 | 1.4 |
| 21 03 76 | 1335 | | | | | .3 | | 14082 | 4 | 362.00 | | | | | 0.0 | 11.5 | |
| 15 07 76 | 1430 | | | | | .3 | | 14127 | | 188.00 | | | | | | | 0.2 |
| 16 11 76 | 1200 | | | | | .3 | | 16175 | | 27.00 | | | | | | | |
| 21 11 76 | 1200 | | | | | .3 | | 14159 | | 24.30 | | | | | | | 1.4 |
| 21 12 76 | 1200 | | | | | .3 | | 14176 | | 84.00 | | | | | | | |
| MAXIMUM | | | | | | | | | | 365.00 | | | | | 0.00 | 13.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 175.05 | | | | | 0.0 | 12.3 | 1.0 |
| MINIMUM | | | | | | | | | | 24.30 | | | | | 0.0 | 11.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 6 | | | | | 2 | 2 | 3 |

CONT'D

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 | 02 | 76 | 1100 | | | .3 | 0.064 | 0.002 | 0.415 | 1.130 | 0.004 | 1.640 | 132.0 | 38.0 | | 94 |
| 21 | 03 | 76 | 1335 | | | .3 | 0.102 | 0.063 | 0.375 | 0.730 | 0.004 | 1.830 | | | | |
| 15 | 07 | 76 | 1430 | | | .3 | 0.004 | 0.001L | 0.316 | 0.480 | 0.006 | 1.440 | 108.0 | 1.3 | | |
| 16 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | 0.005 | 0.001 | 0.052 | 1.100 | 0.025 | 0.850 | 80.0 | 2.1 | | 78 |
| 21 | 12 | 76 | 1200 | | | .3 | 0.004 | 0.001L | 0.294 | 0.310 | 0.005 | 1.120 | 95.0 | 0.9 | | 94 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|--------|-------|-------|-------|-------|-------|------|----|
| | | | | | | | MAXIMUM | 0.102 | 0.063 | 0.415 | 1.130 | 0.025 | 1.830 | 132.0 | 38.0 | 94 |
| | | | | | | | AVG OR GEOM MN (*) | 0.036 | 0.0140 | 0.290 | 0.750 | 0.009 | 1.376 | 103.8 | 10.6 | 89 |
| | | | | | | | MINIMUM | 0.004 | 0.001 | 0.052 | 0.310 | 0.004 | 0.850 | 80.0 | 0.9 | 78 |
| | | | | | | | NO OF SAMPLES | 5 | 5 | 5 | 5 | 5 | 4 | 4 | | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 08 | 02 | 76 | 1100 | | | .3 | 146 | 6.40 | 1.4 | 55.0 | 3.60 | | | 6.50 | 1.70 | |
| 21 | 03 | 76 | 1335 | | | .3 | 150 | | 4.8 | 45.0 | 1.60 | | | | 0.25 | |
| 15 | 07 | 76 | 1430 | | | .3 | 165 | 1.00 | 2.9 | 70.0 | | 2.7 | 5 | 7.24 | | 0.060 |
| 21 | 11 | 76 | 1200 | | | .3 | 120 | 0.80 | 2.6 | 40.5 | 0.80 | | | 7.25 | | 0.090 |
| 21 | 12 | 76 | 1200 | | | .3 | 144 | 0.70 | 2.7 | 44.5 | 1.00 | | | 6.63 | | 0.090 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-----|------|-----|------|------|---|------|------|-------|
| | | | | | | | MAXIMUM | 165 | 6.40 | 4.8 | 70.0 | 3.60 | 5 | 7.25 | 1.70 | 0.090 |
| | | | | | | | AVG OR GEOM MN (*) | 145 | 2.23 | 2.9 | 51.0 | 1.75 | 5 | 6.91 | 0.98 | 0.080 |
| | | | | | | | MINIMUM | 120 | 0.70 | 1.4 | 40.5 | 0.80 | 5 | 6.50 | 0.25 | 0.060 |
| | | | | | | | NO OF SAMPLES | 5 | 4 | 5 | 5 | 4 | 1 | 4 | 2 | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|---------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | MG/L | C AS C | MG/L | EXTRLS |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | | | MG/L | | MG/L |
| 08 | 02 | 76 | 1100 | | | .3 | 1.0L | | | | | | | 4 | 18 | |
| 21 | 03 | 76 | 1335 | | | .3 | 1.0L | | | | | | | | | |
| 15 | 07 | 76 | 1430 | | | .3 | | 60.0 | 21.00 | 1.85 | 5 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | | | 6 | | |
| 21 | 12 | 76 | 1200 | | | .3 | 3.0 | | | | | | | 7 | 36 | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|------|------|-------|------|---|--|---|----|--|
| | | | | | | | MAXIMUM | 3.0 | 60.0 | 21.00 | 1.85 | 5 | | 7 | 36 | |
| | | | | | | | AVG OR GEOM MN (*) | 1.70 | 60.0 | 21.00 | 1.85 | 5 | | 6 | 27 | |
| | | | | | | | MINIMUM | 1.0 | 60.0 | 21.00 | 1.85 | 5 | | 4 | 18 | |
| | | | | | | | NO OF SAMPLES | 3 | 1 | 1 | 1 | 1 | | 3 | 2 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 08 | 02 | 76 | 1100 | | | .3 | 0.000 | | | 0.020L | 0.300 | 0.010L | 0.010L | 0.050 | | 0.010 |
| 15 | 07 | 76 | 1430 | | | .3 | | | | 0.030 | 0.030 | | | 0.070 | | 0.010L |
| 21 | 11 | 76 | 1200 | | | .3 | 0.001L | 0.02 L | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | 0.320 | 0.010L |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.020 | | | | | | | | 0.01 L |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| | | | | | | | MAXIMUM | 0.001 | 0.02 | 0.020 | 0.300 | 0.010 | 0.010 | 0.070 | 0.320 | 0.010 |
| | | | | | | | AVG OR GEOM MN (*) | 0.0010 | 0.0200 | 0.0150 | 0.1130 | 0.0100 | 0.0080 | 0.0430 | 0.320 | 0.0100 |
| | | | | | | | MINIMUM | 0.000 | 0.02 | 0.01 | 0.01 | 0.010 | 0.005 | 0.01 | 0.320 | 0.010 |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 1 | 3 |

B.O.W. / SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52.1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD101

STATION ID: 14-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 2 LAT LONG U.T.M. 17 0381500.0 5132250.0 4 REGION 05 MILEAGE 28.90

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | COLIFORM | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | MF/100ML | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | | | MF/100ML | MF/100ML | DEG C | | MG/L |
| 12 | 01 | 76 | 1030 | | | .3 | 14002 | | | | | | | 0.0 | 11.0 | 2.6 |
| 18 | 01 | 76 | 1200 | | | .3 | 14007 | | | | | | | | | 1.0 |
| 08 | 02 | 76 | 1600 | | | .3 | 14039 | | | 10. L | 10. L | 10. L | | 0.0 | 9.0 | 1.0 |
| 29 | 02 | 76 | 1800 | | | .3 | 14058 | | | | | | | 0.0 | 13.0 | 0.4 |
| 08 | 03 | 76 | 1645 | | | .3 | 14067 | | | 10. L | 1. L | 1. L | | 0.0 | 9.0 | 1.2 |
| 15 | 07 | 76 | 1300 | | | .3 | 14126 | | | | | | | | | 0.4 |
| 21 | 11 | 76 | 1200 | | | .3 | 14158 | | | | | | | | | 0.8 |
| 21 | 12 | 76 | 1200 | | | .3 | 14177 | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--|--|-------|-------|-------|--|------|------|-----|
| | | | | | | | MAXIMUM | | | 10. L | 10. L | 10. L | | 0.00 | 13.0 | 2.6 |
| | | | | | | | AVG OR GEOM MN (*) | | | 10. L | 3. L | 3. L | | 0.0 | 10.5 | 1.1 |
| | | | | | | | MINIMUM | | | 10. L | 1. L | 1. L | | 0.0 | 9.0 | 0.4 |
| | | | | | | | NO OF SAMPLES | | | 2 | 2 | 2 | | 4 | 4 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1030 | | | .3 | | 0.046 | 0.002 | | 6.400 | 0.190 | 3.900 | 813.0 | 53.0 | | |
| 18 | 01 | 76 | 1200 | | | .3 | | 0.055 | 0.011 | 0.370 | 0.830 | 0.010 | 1.400 | 121.0 | 30.0 | | 91 |
| 08 | 02 | 76 | 1600 | | | .3 | | 0.016 | 0.004 | 0.040 | 0.390 | 0.002 | 0.268 | 105.0 | 4.3 | | 101 |
| 29 | 02 | 76 | 1800 | | | .3 | | 0.006 | 0.001 | 0.042 | 0.220 | 0.002 | 0.098 | | | | |
| 08 | 03 | 76 | 1645 | | | .3 | | 0.011 | 0.001 | 0.004 | 0.260 | 0.002 | 0.298 | 87.0 | 2.1 | | 85 |
| 15 | 07 | 76 | 1300 | | | .3 | | 0.006 | 0.001L | 0.044 | 0.460 | 0.002 | 0.013 | 86.0 | 1.0 | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.008 | 0.001L | 0.074 | 0.240 | 0.001 | 0.064 | 89.0 | 4.1 | 85 | |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.010 | 0.001L | 0.096 | 0.320 | 0.002 | 0.013 | 95.0 | 3.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.055
0.020
0.006

0.011
0.003D
0.001

0.370
0.096
0.004

6.400
1.140
0.220

0.190
0.026
0.001

3.900
0.759
0.013

813.0
199.4
86.0

53.0
14.0
1.0

85
85
85

101
92
85

1
1
1

3
3
3

NO OF SAMPLES

8

8

7

8

8

8

7

7

1

3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1030 | | | .3 | | 920 | 20.00 | 14.5 | 40.0 | | 7.6 | | 6.90 | 0.08 | |
| 18 | 01 | 76 | 1200 | | | .3 | | 140 | 2.90 | 3.0 | | 1.40 | | 6 | 6.80 | | |
| 08 | 02 | 76 | 1600 | | | .3 | | 155 | 2.20 | 12.5 | | | 3.4 | 10 | 6.90 | 0.15 | |
| 29 | 02 | 76 | 1800 | | | .3 | | 75 | 1.00 | 2.0 | | | | | | | |
| 08 | 03 | 76 | 1645 | | | .3 | | 130 | 0.75 | 6.0 | 36.5 | | | | | | |
| 15 | 07 | 76 | 1300 | | | .3 | | 130 | 1.10 | 5.6 | 37.5 | | 1.9 | 9 | 6.47 | 0.050 | |
| 21 | 11 | 76 | 1200 | | | .3 | | 128 | 0.60 | 5.7 | 36.0 | | 1.3 | 10 | 7.06 | 0.030 | |
| 21 | 12 | 76 | 1200 | | | .3 | | 139 | 1.00 | 6.4 | 37.5 | | 3.4 | 12 | 7.47 | 0.010 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

920
227
75

20.00
3.69
0.60

14.5
7.0
2.0

40.0
37.5
36.0

1.40
1.40
1.40

7.6
3.5
1.3

12
9
6

7.47
6.93
6.47

0.15
0.12
0.08

0.050
0.030
0.010

2
2
2

3
3
3

NO OF SAMPLES

8

8

8

5

1

5

5

6

2

3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 12 | 01 | 76 | 1030 | | | .3 | | | 49.0 | | | 30 | | | | | |
| 18 | 01 | 76 | 1200 | | | .3 | | | | 16.00 | | | | | | | |
| 08 | 02 | 76 | 1600 | | | .3 | | | 46.0 | | | | | | | | |
| 29 | 02 | 76 | 1800 | | | .3 | | 1.0L | | | | | | | | | |
| 08 | 03 | 76 | 1645 | | | .3 | | | | | | | | | | | |
| 15 | 07 | 76 | 1300 | | | .3 | | | 45.0 | 13.00 | 3.00 | 10 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | 42.0 | 11.40 | 3.20 | 10 | | | | | |
| 21 | 12 | 76 | 1200 | | | .3 | | | 47.0 | 14.00 | 3.00 | 15 | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2.0
1.5D
1.0

49.0
45.8
42.0

16.00
13.60
11.40

3.20
3.07
3.00

30
16
10

NO OF SAMPLES

2

5

4

3

4

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 01 | 76 | 1030 | | | .3 | | | | | | | | | | 0.370 | |
| 18 | 01 | 76 | 1200 | | | .3 | | | | | | | | | | 0.370 | |
| 08 | 02 | 76 | 1600 | | | .3 | | | | | | | | | | | |
| 29 | 02 | 76 | 1800 | | | .3 | | | | 0.060 | | | | | | | |
| 08 | 03 | 76 | 1645 | | | .3 | | | | | | | | | | 0.128 | |
| 15 | 07 | 76 | 1300 | | | .3 | | | | | | 0.050 | | | 0.030 | 0.030 | 0.010L |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | 0.020 | | | 0.020 | 0.041 | 0.010L |
| 21 | 12 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.060 | 0.070 | 0.010L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.060
0.060
0.060

0.050
0.037
0.020

0.080
0.043
0.020

0.370
0.177
0.030

0.010
0.010D
0.010

NO OF SAMPLES

1

3

3

6

3

B.O.W. / SITE: PECORS LAKE OUTLET
SAMPLE POINT: AT PECORS LAKE 38 1
STATION TYPE: RIVER FLOW GAUGE FED 02CD004

STATION ID: 14-0019-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| STN NO | 3 | LAT | LONG | U.T.M. 17 0389400.0 5136400.0 4 | | | | REGION 05 | | MILEAGE | 29.70 | | | | | | |
|------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 11 | 01 | 76 | 1000 | | | .3 | | 14000 | | | | | | | 0.0 | | |
| 31 | 01 | 76 | 1100 | | | .3 | | 14028 | | | | | | | 0.0 | | 0.4 |
| 07 | 03 | 76 | 1200 | | | .3 | | 14065 | | | | | | | 0.0 | | 0.2 |
| 13 | 07 | 76 | 2015 | | | .3 | | 14110 | | | | | | | | | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.00
0.0
0.0

0.4
0.3
0.2

NO OF SAMPLES

3

2

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|--------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 11 | 01 | 76 | 1000 | | | .3 | 0.009 | 0.001 | 0.850 | 1.300 | 0.001 | 3.100 | | | | |
| 31 | 01 | 76 | 1100 | | | .3 | 0.007 | 0.002 | 0.980 | 1.100 | 0.005 | 3.500 | | 1.0L | | 150 |
| 07 | 03 | 76 | 1200 | | | .3 | 0.004 | 0.001 | 0.960 | 1.160 | 0.005 | 3.850 | 147.0 | 1.1 | | 146 |
| 13 | 07 | 76 | 2015 | | | .3 | 0.001L | 0.001L | | 1.140 | 0.021 | | | | | |
| MAXIMUM | | | | | | | 0.009 | 0.002 | 0.980 | 1.300 | 0.021 | 3.850 | 147.0 | 1.1 | | 150 |
| AVG OR GEOM MN (*) | | | | | | | 0.005D | 0.001D | 0.930 | 1.175 | 0.008 | 3.483 | 147.0 | 1.1D | | 148 |
| MINIMUM | | | | | | | 0.001 | 0.001 | 0.850 | 1.100 | 0.001 | 3.100 | 147.0 | 1.0 | | 146 |
| NO OF SAMPLES | | | | | | | 4 | 4 | 3 | 4 | 4 | 3 | 1 | 2 | | 2 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | MG/L | MG/L | | MG/L | MG/L |
| 11 | 01 | 76 | 1000 | | | .3 | 225 | 2.50 | 3.0 | | | | | 4.80 | | |
| 31 | 01 | 76 | 1100 | | | .3 | 230 | 0.55 | 4.0 | 85.0 | | 9.0 | 1L | 4.20 | 0.10 | |
| 07 | 03 | 76 | 1200 | | | .3 | 225 | 0.50 | 3.4 | 78.0 | | | | | | |
| 13 | 07 | 76 | 2015 | | | .3 | | | 2.9 | 70.0 | | 4.9 | | 5.28 | | 0.050 |
| MAXIMUM | | | | | | | 230 | 2.50 | 4.0 | 85.0 | | 9.0 | 3 | 5.28 | 0.10 | 0.050 |
| AVG OR GEOM MN (*) | | | | | | | 227 | 1.18 | 3.3 | 77.7 | | 7.0 | 2D | 4.76 | 0.10 | 0.050 |
| MINIMUM | | | | | | | 225 | 0.50 | 2.9 | 70.0 | | 4.9 | 1 | 4.20 | 0.10 | 0.050 |
| NO OF SAMPLES | | | | | | | 3 | 3 | 4 | 3 | | 2 | 2 | 3 | 1 | 1 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|---------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESSIUM | HAZEN | K | NA | C AS C | MG/L | EXTRLS |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 11 | 01 | 76 | 1000 | | | .3 | | | | | | | | | | |
| 31 | 01 | 76 | 1100 | | | .3 | | | | | 5 | | | | | |
| 07 | 03 | 76 | 1200 | | | .3 | | | | | | | | | | |
| 13 | 07 | 76 | 2015 | | | .3 | | 83.0 | 30.00 | 1.85 | | | | | | |
| MAXIMUM | | | | | | | | 83.0 | 30.00 | 1.85 | 5 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 83.0 | 30.00 | 1.85 | 5 | | | | | |
| MINIMUM | | | | | | | | 83.0 | 30.00 | 1.85 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 1 | | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 11 | 01 | 76 | 1000 | | | .3 | | | | | | | | | 0.190 | |
| 31 | 01 | 76 | 1100 | | | .3 | | | | | | | | | 0.450 | |
| 07 | 03 | 76 | 1200 | | | .3 | | | | | | | | | 0.420 | |
| 13 | 07 | 76 | 2015 | | | .3 | | | | | 0.060 | | | 0.020 | | 0.010L |
| MAXIMUM | | | | | | | | | | | 0.060 | | | 0.020 | 0.450 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.060 | | | 0.020 | 0.353 | 0.010D |
| MINIMUM | | | | | | | | | | | 0.060 | | | 0.020 | 0.190 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | 1 | | | 1 | 3 | 1 |

B.O.W./ SITE: PECORS LAKE INLET
SAMPLE POINT: AT PECORS LAKE 37 1
STATION TYPE: RIVER

STATION ID: 14-0019-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| STN NO | 4 | LAT | LONG | U.T.M. 17 0384800.0 5138650.0 4 | | | | | | | | | | REGION 05 | MILEAGE | 34.00 | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-------------|-----|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW | CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 11 | 01 | 76 | 1130 | | | .3 | | 14001 | 4 | | | | | | | 0.0 | | 1.0 |
| 07 | 02 | 76 | 1100 | | | .3 | | 14029 | 4 | | | | | | | 0.0 | | 1.2 |
| 07 | 03 | 76 | 1515 | | | .3 | | 14066 | 4 | | | | | | | 0.0 | | 1.2 |
| 13 | 07 | 76 | 1930 | | | .3 | | 14109 | | | | | | | | | | 0.4 |
| MAXIMUM | | | | | | | | | | | | | | | | 0.00 | 1.2 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | 0.0 | 1.0 | |
| MINIMUM | | | | | | | | | | | | | | | | 0.0 | 0.4 | |
| NO OF SAMPLES | | | | | | | | | | | | | | | | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 01 | 76 | 1130 | | | .3 | | 0.010 | 0.002 | 0.040 | 0.400 | 0.003 | 0.230 | 89.0 | 1.0 | | 88 |
| 07 | 02 | 76 | 1100 | | | .3 | | 0.001 | 0.001 | | | 0.001 | 0.289 | | 2.5 | | |
| 07 | 03 | 76 | 1515 | | | .3 | | 0.002 | 0.001L | 0.380 | 0.530 | 0.001L | 0.310 | 137.0 | 1.0L | | 137 |
| 13 | 07 | 76 | 1930 | | | .3 | | 0.005 | 0.001L | | 0.820 | 0.011 | | | | | |
| MAXIMUM | | | | | | | | 0.010 | 0.002 | 0.380 | 0.820 | 0.011 | 0.310 | 137.0 | 2.5 | | 137 |
| AVG OR GEOM MN (*) | | | | | | | | 0.005 | 0.0010 | 0.210 | 0.583 | 0.0040 | 0.276 | 113.0 | 1.50 | | 113 |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.040 | 0.400 | 0.001 | 0.230 | 89.0 | 1.0 | | 88 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 2 | 3 | 4 | 3 | 2 | 3 | | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 01 | 76 | 1130 | | | .3 | | 136 | 1.30 | 3.0 | 38.0 | | 2.5 | 11 | 6.80 | 0.35 | |
| 07 | 02 | 76 | 1100 | | | .3 | | 2200 | 0.55 | 2.0 | 80.0 | | 15.0 | | 4.20 | 0.25 | |
| 07 | 03 | 76 | 1515 | | | .3 | | 210 | 0.70 | 2.9 | 87.0 | | | | | | |
| 13 | 07 | 76 | 1930 | | | .3 | | | | 2.5 | 70.0 | | 7.0 | | 4.98 | | 0.080 |
| MAXIMUM | | | | | | | | 2200 | 1.30 | 3.0 | 87.0 | | 15.0 | 11 | 6.80 | 0.35 | 0.080 |
| AVG OR GEOM MN (*) | | | | | | | | 849 | 0.85 | 2.6 | 68.8 | | 8.2 | 11 | 5.33 | 0.30 | 0.080 |
| MINIMUM | | | | | | | | 136 | 0.55 | 2.0 | 38.0 | | 2.5 | 11 | 4.20 | 0.25 | 0.080 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 4 | 4 | | 3 | 1 | 3 | 2 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 11 | 01 | 76 | 1130 | | | .3 | | | 49.0 | | | 10 | | | | | |
| 07 | 02 | 76 | 1100 | | | .3 | | | 73.0 | | | | | | | | |
| 07 | 03 | 76 | 1515 | | | .3 | | | | | | | | | | | |
| 13 | 07 | 76 | 1930 | | | .3 | | | 76.0 | 27.00 | 2.00 | | | | | | |
| MAXIMUM | | | | | | | | | 76.0 | 27.00 | 2.00 | 10 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 66.0 | 27.00 | 2.00 | 10 | | | | | |
| MINIMUM | | | | | | | | | 49.0 | 27.00 | 2.00 | 10 | | | | | |
| NO OF SAMPLES | | | | | | | | | 3 | 1 | 1 | 1 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 233 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 01 | 76 | 1130 | | | .3 | | | | | | | | | | 0.100 | |
| 07 | 02 | 76 | 1100 | | | .3 | | | | | | | | | | 0.605 | |
| 07 | 03 | 76 | 1515 | | | .3 | | | | | | | | | | 0.560 | |
| 13 | 07 | 76 | 1930 | | | .3 | | | | | | 0.040 | | 0.040 | 0.040 | 0.560 | 0.010L |
| MAXIMUM | | | | | | | | | | | | 0.040 | | 0.040 | 0.040 | 0.605 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.040 | | 0.040 | 0.040 | 0.422 | 0.0100 |
| MINIMUM | | | | | | | | | | | | 0.040 | | 0.040 | 0.040 | 0.100 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 1 | | | 1 | 3 | 1 |

B.O.W./ SITE: CROTCH LAKE OUTLET
SAMPLE POINT: AT CROTCH LAKE 34 1
STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD107

STATION ID: 14-0019-006-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 6 LAT LONG U.T.M. 17 0377900.0 5141500.0 4 REGION 05 MILEAGE 43.50

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 605 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 07 | 76 | 1900 | | | .3 | | 14106 | | | | | | | 22.0 | 6.0 | 0.4 |
| MAXIMUM | | | | | | | | | | | | | | | 22.0 | 6.0 | 0.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 22.0 | 6.0 | 0.4 |
| MINIMUM | | | | | | | | | | | | | | | 22.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 1 | 1 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 13 | 07 | 76 | 1900 | | | .3 | | 0.012 | 0.001L | 0.326 | 0.390 | 0.001L | 0.185 | 293.0 | 1.2 | | |
| MAXIMUM | | | | | | | | 0.012 | 0.001 | 0.326 | 0.390 | 0.001 | 0.185 | 293.0 | 1.2 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.012 | 0.001D | 0.326 | 0.390 | 0.001D | 0.185 | 293.0 | 1.2 | | |
| MINIMUM | | | | | | | | 0.012 | 0.001 | 0.326 | 0.390 | 0.001 | 0.185 | 293.0 | 1.2 | | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 13 | 07 | 76 | 1900 | | | .3 | | 473 | 2.10 | 1.8 | 345.0 | | 3.3 | 0 | 7.23 | | 0.280 |
| | | | | | | | | MAXIMUM | 473 | 2.10 | 1.8 | 345.0 | 3.3 | 0 | 7.23 | | 0.280 |
| | | | | | | | | AVG OR GEOM MN (*) | 473 | 2.10 | 1.8 | 345.0 | 3.3 | 0 | 7.23 | | 0.280 |
| | | | | | | | | MINIMUM | 473 | 2.10 | 1.8 | 345.0 | 3.3 | 0 | 7.23 | | 0.280 |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 13 | 07 | 76 | 1900 | | | .3 | | | 176.0 | 65.00 | 3.50 | 10 | | | | | |
| | | | | | | | | MAXIMUM | 176.0 | 65.00 | 3.50 | 10 | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 176.0 | 65.00 | 3.50 | 10 | | | | | |
| | | | | | | | | MINIMUM | 176.0 | 65.00 | 3.50 | 10 | | | | | |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 07 | 76 | 1900 | | | .3 | | | | | | | | | | 0.022 | |
| | | | | | | | | MAXIMUM | | | | | | | | 0.022 | |
| | | | | | | | | AVG OR GEOM MN (*) | | | | | | | | 0.022 | |
| | | | | | | | | MINIMUM | | | | | | | | 0.022 | |
| | | | | | | | | NO OF SAMPLES | | | | | | | | 1 | |

B.O.W./ SITE: BUCKLES CREEK

SAMPLE POINT: AT HIGHWAY NO 108 2 MILES SOUTH OF ELLIOT LAKE 40 1

STATION TYPE: OUTFALL FLOW GAUGE MOE 02CD102

STATION ID: 14-0019-007-09

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SERPENT RIVER

STORET CODE: 02

002

8040

| STN NO | 7 | LAT | LONG | U.T.M. 17 | 0377150.0 | 5136600.0 | 4 | REGION 05 | MILEAGE | 45.40 |
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|---------|-------|
|--------|---|-----|------|-----------|-----------|-----------|---|-----------|---------|-------|

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 07 | 76 | 1130 | | | .3 | | 14123 | | | | | | | | | 0.4 |
| 21 | 11 | 76 | 1200 | | | .3 | | 14156 | | | | | | | | | 1.2 |
| 21 | 12 | 76 | 1200 | | | .3 | | 14179 | | | | | | | | | |
| | | | | | | | | MAXIMUM | | | | | | | | | 1.2 |
| | | | | | | | | AVG OR GEOM MN (*) | | | | | | | | | 0.8 |
| | | | | | | | | MINIMUM | | | | | | | | | 0.4 |
| | | | | | | | | NO OF SAMPLES | | | | | | | | | 2 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 07 | 76 | 1130 | | | .3 | | 0.001L | 0.001L | 4.150 | 4.400 | 0.044 | 4.590 | 1106.0 | 6.0 | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.008 | 0.001L | 9.150 | 9.300 | 0.225 | 11.400 | 1430.0 | 14.0 | 1416 | |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.011 | 0.001L | 8.500 | 9.000 | 0.200 | 7.050 | 1410.0 | 9.3 | | |
| | | | | | | | | MAXIMUM | 0.011 | 0.001 | 9.150 | 9.300 | 0.225 | 11.400 | 1430.0 | 14.0 | 1416 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.007D | 0.001D | 7.267 | 7.567 | 0.156 | 7.680 | 1315.3 | 9.8 | 1416 |
| | | | | | | | | MINIMUM | 0.001 | 0.001 | 4.150 | 4.400 | 0.044 | 4.590 | 1106.0 | 6.0 | 1416 |
| | | | | | | | | NO OF SAMPLES | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 07 | 76 | 1130 | | | .3 | | 1260 | 3.70 | 25.5 | 800.0 | | 4.2 | 17 | 7.07 | | 0.670 |
| 21 | 11 | 76 | 1200 | | | .3 | | 1650 | 6.00 | 33.5 | 850.0 | | 9.7 | 29 | 6.88 | | 9.400 |
| 21 | 12 | 76 | 1200 | | | .3 | | 1650 | 24.00 | 33.0 | 825.0 | | 9.3 | 31 | 7.52 | | 1.900 |
| | | | | | | | | MAXIMUM | 1650 | 24.00 | 33.5 | 850.0 | 9.7 | 31 | 7.52 | | 9.400 |
| | | | | | | | | AVG OR GEOM MN (*) | 1520 | 11.23 | 30.7 | 825.0 | 7.7 | 26 | 7.16 | | 3.990 |
| | | | | | | | | MINIMUM | 1260 | 3.70 | 25.5 | 800.0 | 4.2 | 17 | 6.88 | | 0.670 |
| | | | | | | | | NO OF SAMPLES | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 3 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLS MG/L |
|--------------------|-----------|------------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|----------------------------------|
| 15 | 07 | 76 | 1130 | | | .3 | | | 641.0 | 195.00 | 37.50 | 20 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | 879.0 | 254.00 | 59.50 | 50 | | | | | |
| 21 | 12 | 76 | 1200 | | | .3 | | | 894.0 | 273.00 | 51.50 | 50 | | | | | |
| MAXIMUM | | | | | | | | | 894.0 | 273.00 | 59.50 | 50 | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | | 804.7 | 240.67 | 49.50 | 40 | | | | | |
| MINIMUM | | | | | | | | | 641.0 | 195.00 | 37.50 | 20 | | | | | |
| NO OF SAMPLES | | | | | | | | | 3 | 3 | 3 | 3 | | | | | |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 15 | 07 | 76 | 1130 | | | .3 | | | | | | 0.050 | | | 0.050 | 0.530 | 0.010 |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | 0.020 | | | 0.050 | 0.650 | 0.010 |
| 21 | 12 | 76 | 1200 | | | .3 | | | | | | | | | | 0.580 | |
| MAXIMUM | | | | | | | | | | | | 0.050 | | | 0.050 | 0.650 | 0.010 |
| AVG OR GEOM MN (-) | | | | | | | | | | | | 0.035 | | | 0.050 | 0.597 | 0.010 |
| MINIMUM | | | | | | | | | | | | 0.020 | | | 0.050 | 0.530 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | | | 2 | 3 | 2 |

B.O.W. / SITE: SHERIFF CREEK
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

STATION ID: 14-0019-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 9 LAT LONG U.T.M. 17 0372100.0 5139900.0 4 REGION 05 MILEAGE 48.50

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1545 | | | .3 | | 14026 | | | | | | | 0.6 | 7.0 | 0.8 |
| 25 | 02 | 76 | 1540 | | | .3 | | 14054 | | | | | | | | | 12.0 |
| 28 | 03 | 76 | 1045 | | | .3 | | 14091 | | | 1. | 1. | 1. | | 0.5 | 7.0 | 0.4 |
| 15 | 07 | 76 | 1030 | | | .3 | | 14121 | | | | | | | | | 1.0 |
| 21 | 11 | 76 | 1200 | | | .3 | | 14153 | | | | | | | | | 0.8 |
| 21 | 12 | 76 | 1200 | | | .3 | | 14182 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | 1. | 1. | 1. | 0.5 | 7.0 | 12.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | | 1. | 1. | 1. | 0.3 | 7.0 | 3.0 |
| MINIMUM | | | | | | | | | | | | 1. | 1. | 1. | 0.0 | 7.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | 1 | 1 | 1 | 2 | 2 | 5 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1545 | | | .3 | | 0.070 | 0.004 | 1.300 | 1.700 | 0.010 | 0.360 | 185.0 | 6.3 | | 179 |
| 25 | 02 | 76 | 1540 | | | .3 | | 3.800 | 0.003 | 1.500 | 9.900 | 0.003 | 0.417 | 323.0 | 134.0 | | 189 |
| 28 | 03 | 76 | 1045 | | | .3 | | 0.078 | 0.001 | 0.100 | 1.400 | 0.006 | 0.449 | 172.0 | 9.3 | | 163 |
| 15 | 07 | 76 | 1030 | | | .3 | | 0.050 | 0.001 | 0.152 | 0.780 | 0.031 | 0.154 | 203.0 | 5.0 | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.112 | 0.048 | 1.040 | 1.610 | 0.045 | 0.355 | 220.0 | 1.9 | 218 | |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.322 | 0.085 | 2.140 | 3.200 | 0.014 | 2.660 | 242.0 | 7.8 | | |
| MAXIMUM | | | | | | | | 3.800 | 0.085 | 2.140 | 9.900 | 0.045 | 2.660 | 323.0 | 134.0 | 218 | 189 |
| AVG OR GEOM MN (-) | | | | | | | | 0.739 | 0.0240 | 1.039 | 3.098 | 0.018 | 0.733 | 224.2 | 27.4 | 218 | 177 |
| MINIMUM | | | | | | | | 0.050 | 0.001 | 0.100 | 0.780 | 0.003 | 0.154 | 172.0 | 1.9 | 218 | 163 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 3 |

| SAMP DY | DTE MO | HOUR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1545 | | | .3 | | 275 | 5.90 | 29.0 | 68.0 | | 14.0 | 16 | 6.80 | 1.00 | |
| 25 | 02 | 76 | 1540 | | | .3 | | 290 | 51.00 | 30.0 | | | 16.0 | 4 | 6.60 | 2.00 | |
| 28 | 03 | 76 | 1045 | | | .3 | | 250 | 9.40 | 21.0 | 80.0 | | 20.0 | 1L | 5.00 | 2.10 | |
| 15 | 07 | 76 | 1030 | | | .3 | | 305 | 1.90 | 40.0 | 53.0 | | 5.8 | 15 | 6.83 | | 1.000 |
| 21 | 11 | 76 | 1200 | | | .3 | | 335 | 1.50 | 2.4 | 76.0 | | 1.9 | 21 | 6.63 | | 0.240 |
| 21 | 12 | 76 | 1200 | | | .3 | | 360 | 1.60 | 48.0 | 60.0 | | 24.0 | 32 | 7.20 | | 1.060 |
| MAXIMUM | | | | | | | | 360 | 51.00 | 48.0 | 80.0 | | 24.0 | 32 | 7.20 | 2.10 | 1.060 |
| AVG OR GEOM MN (-) | | | | | | | | 303 | 11.88 | 28.4 | 67.4 | | 13.6 | 15D | 6.51 | 1.70 | 0.767 |
| MINIMUM | | | | | | | | 250 | 1.50 | 2.4 | 53.0 | | 1.9 | 1 | 5.00 | 1.00 | 0.240 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 5 | | 6 | 6 | 6 | 3 | 3 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 01 | 76 | 1545 | | .3 | | | 78.0 | | | 30 | | | | | |
| 25 | 02 | 76 | 1540 | | .3 | | | 78.0 | | | | | | | | |
| 28 | 03 | 76 | 1045 | | .3 | | | 64.0 | | | 20 | | | | | |
| 15 | 07 | 76 | 1030 | | .3 | | | 71.0 | 20.00 | 4.65 | 20 | | | | | |
| 21 | 11 | 76 | 1200 | | .3 | | | 43.0 | 14.40 | 1.80 | 30 | | | | | |
| 21 | 12 | 76 | 1200 | | .3 | | | 85.0 | 25.00 | 5.50 | 20 | | | | | |

| | | | | | | | |
|--------------------|--|--|--|------|-------|------|----|
| MAXIMUM | | | | 85.0 | 25.00 | 5.50 | 30 |
| AVG OR GEOM MN (*) | | | | 69.8 | 19.80 | 3.98 | 24 |
| MINIMUM | | | | 43.0 | 14.40 | 1.80 | 20 |
| NO OF SAMPLES | | | | 6 | 3 | 3 | 5 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 01 | 76 | 1545 | | .3 | | | | | | | | | | 0.730 | |
| 25 | 02 | 76 | 1540 | | .3 | | | | | | 0.140 | | | 0.020 | 0.900 | 0.020L |
| 28 | 03 | 76 | 1045 | | .3 | | | | | | | | | | 0.740 | |
| 15 | 07 | 76 | 1030 | | .3 | | | | | | 0.040 | | | 0.010L | 0.060 | 0.010L |
| 21 | 11 | 76 | 1200 | | .3 | | | | | | 0.010 | | | 0.010 | 0.210 | 0.010L |
| 21 | 12 | 76 | 1200 | | .3 | | | | | | 0.040 | | | 0.060 | 1.550 | 0.010L |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|--|--|--------|-------|--------|
| MAXIMUM | | | | | | | | | | | 0.140 | | | 0.060 | 1.550 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.058 | | | 0.0250 | 0.698 | 0.0130 |
| MINIMUM | | | | | | | | | | | 0.010 | | | 0.010 | 0.060 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | 4 | | | 4 | 6 | 4 |

B.O.W. / SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR QUIRKE LAKE INLET 59 1
STATION TYPE: RIVER FLOW GAUGE FED 02C0005

STATION ID: 14-0019-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| | | | | | | | | |
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|
| STN NO | 10 | LAT | LONG | U.T.M. | 17 0383100.0 5150450.0 4 | REGION 05 | MILEAGE | 49.50 |
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1220 | | .3 | | 14023 | 4 | | | | | | 0.0 | | 0.8 |
| 25 | 02 | 76 | 1230 | | .3 | | 14051 | | | | | | | | | 1.6 |
| 13 | 07 | 76 | 1700 | | .3 | | 14107 | | | | | | | 22.0 | 1.0 | 0.4 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-----|-----|
| MAXIMUM | | | | | | | | | | | | | | 22.0 | 1.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 11.0 | 1.0 | 0.9 |
| MINIMUM | | | | | | | | | | | | | | 0.0 | 1.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | 2 | 1 | 3 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1220 | | .3 | | 0.004 | 0.001 | 0.090 | 0.370 | 0.009 | 0.170 | 73.0 | 11.0 | | 62 |
| 25 | 02 | 76 | 1230 | | .3 | | 0.016 | 0.001 | 0.098 | 0.720 | 0.007 | 0.188 | 83.0 | 31.0 | | 52 |
| 13 | 07 | 76 | 1700 | | .3 | | 0.004 | 0.001 | 0.008 | 0.250 | 0.001 | 0.019 | 38.0 | 1.7 | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|------|------|--|----|
| MAXIMUM | | | | | | | 0.016 | 0.001 | 0.098 | 0.720 | 0.009 | 0.188 | 83.0 | 31.0 | | 62 |
| AVG OR GEOM MN (*) | | | | | | | 0.008 | 0.001 | 0.065 | 0.447 | 0.006 | 0.126 | 64.7 | 14.6 | | 57 |
| MINIMUM | | | | | | | 0.004 | 0.001 | 0.008 | 0.250 | 0.001 | 0.019 | 38.0 | 1.7 | | 52 |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 2 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1220 | | .3 | | 96 | 4.30 | 1.0 | 27.5 | | 4.0 | 5 | 6.40 | 1.00 | |
| 25 | 02 | 76 | 1230 | | .3 | | 80 | 23.00 | 1.1 | | | 5.2 | 7 | 6.70 | | |
| 13 | 07 | 76 | 1700 | | .3 | | 54 | 1.70 | 0.7 | 17.5 | | 2.6 | 7 | 7.26 | | 0.810 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|----|-------|-----|------|--|-----|---|------|------|-------|
| MAXIMUM | | | | | | | 96 | 23.00 | 1.1 | 27.5 | | 5.2 | 7 | 7.26 | 1.00 | 0.810 |
| AVG OR GEOM MN (*) | | | | | | | 77 | 9.67 | 0.9 | 22.5 | | 3.9 | 6 | 6.79 | 1.00 | 0.810 |
| MINIMUM | | | | | | | 54 | 1.70 | 0.7 | 17.5 | | 2.6 | 5 | 6.40 | 1.00 | 0.810 |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 2 | | 3 | 3 | 3 | 1 | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 01 | 76 | 1220 | | | .3 | | | | | | 40 | | | | | |
| 25 | 02 | 76 | 1230 | | | .3 | | | 30.0 | | | | | | | | |
| 13 | 07 | 76 | 1700 | | | .3 | | | 19.0 | 6.00 | 1.00 | 30 | | | | | |
| | | | | | | | | | MAXIMUM | 30.0 | 6.00 | 1.00 | 40 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | 24.5 | 6.00 | 1.00 | 35 | | | | |
| MINIMUM | | | | | | | | | | 19.0 | 6.00 | 1.00 | 30 | | | | |
| NO OF SAMPLES | | | | | | | | | | 2 | 1 | 1 | 2 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 01 | 76 | 1220 | | | .3 | | | | | | | | | | 0.076 | |
| 25 | 02 | 76 | 1230 | | | .3 | | | | | | 0.020 | | | 0.020L | 0.130 | 0.020L |
| 13 | 07 | 76 | 1700 | | | .3 | | | | | | 0.050 | | | 0.010 | 0.030 | 0.010L |
| | | | | | | | | MAXIMUM | | | | 0.050 | | | 0.020 | 0.130 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.035 | | | 0.015D | 0.079 | 0.015D |
| MINIMUM | | | | | | | | | | | | 0.020 | | | 0.010 | 0.030 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | | | 2 | 3 | 2 |

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR QUIRKE LAKE INLET 24 2
STATION TYPE: RIVER FLOW GAUGE FED 02CD006

STATION ID: 14-0019-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 11 LAT LONG U.T.M. 17 0376550.0 5151850.0 4 REGION 05 MILEAGE 53.50

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1130 | | | .3 | | 14022 | 4 | | | | | | | 10.0 | 0.6 |
| 25 | 02 | 76 | 1130 | | | .3 | | 14050 | | | | | | | 0.0 | 1.2 | 1.2 |
| 14 | 07 | 76 | 1400 | | | .3 | | 14112 | | | | | | | 26.0 | 1.0 | 0.4 |
| 28 | 09 | 76 | 1200 | | | .3 | | 14138 | | | | | | | | | 0.4 |
| 20 | 11 | 76 | 1200 | | | .3 | | 14144 | | | | | | | | | 0.8 |
| 09 | 12 | 76 | 1200 | | | .3 | | 14169 | | | | | | | | | 0.4 |
| | | | | | | | | MAXIMUM | | | | | | | 26.0 | 10.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 13.0 | 5.5 | 0.6 |
| MINIMUM | | | | | | | | | | | | | | | 0.0 | 1.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 2 | 2 | 6 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1130 | | | .3 | | 0.007 | 0.002 | 6.000 | | 2.700 | 16.000 | 644.0 | 2.0 | | |
| 25 | 02 | 76 | 1130 | | | .3 | | 0.001 | 0.001 | | 7.400 | | | 749.0 | 1.9 | | |
| 14 | 07 | 76 | 1400 | | | .3 | | 0.005 | 0.004 | 6.20 | | 1.03 | 31.0 | | | | |
| 28 | 09 | 76 | 1200 | | | .3 | | 0.021 | 0.001L | 16.000 | 23.000 | 1.480 | 48.500 | 1697.0 | 1.3 | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.007 | | 32.000 | 40.300 | 3.000 | 79.700 | 2414.0 | 4.1 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.008 | 0.002 | 24.600 | 26.300 | 7.500 | 79.000 | 2325.0 | 6.3 | | |
| | | | | | | | | MAXIMUM | | 0.021 | 0.004 | 32.000 | 40.300 | 2414.0 | 6.3 | | |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.008 | 0.002D | 16.960 | 24.250 | 1565.8 | 3.1 | | |
| MINIMUM | | | | | | | | | | 0.001 | 0.001 | 6.000 | 7.400 | 644.0 | 1.3 | | |
| NO OF SAMPLES | | | | | | | | | | 6 | 5 | 5 | 5 | 5 | 5 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMWOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1130 | | | .3 | | 840 | 1.60 | 6.0 | | | 7.0 | 14 | 6.60 | | |
| 25 | 02 | 76 | 1130 | | | .3 | | 950 | 1.60 | 8.2 | | | 4.4 | 17 | 7.40 | 0.18 | |
| 14 | 07 | 76 | 1400 | | | .3 | | 1230 | 1.9 | 8.9 | 650. | | 4.0 | 0 | 6.97 | | 0.26 |
| 28 | 09 | 76 | 1200 | | | .3 | | 2000 | 1.20 | 29.5 | 875.0 | | 6.9 | 14 | 7.10 | | 0.120 |
| 20 | 11 | 76 | 1200 | | | .3 | | 2800 | 1.20 | 65.0 | 1035.0 | | 26.5 | 32 | 7.40 | | 0.310 |
| 09 | 12 | 76 | 1200 | | | .3 | | 2550 | 2.60 | 32.5 | 1210.0 | | 11.0 | 26 | 6.66 | | 0.390 |
| MAXIMUM | | | | | | | | 2800 | 2.60 | 65.0 | 1210.0 | | 26.5 | 32 | 7.40 | 0.18 | 0.390 |
| AVG OR GEOM MN (*) | | | | | | | | 1728 | 1.68 | 25.0 | 942.5 | | 10.0 | 17 | 7.06 | 0.18 | 0.270 |
| MINIMUM | | | | | | | | 840 | 1.20 | 6.0 | 650. | | 4.0 | 0 | 6.60 | 0.18 | 0.120 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 4 | | 6 | 6 | 6 | 1 | 4 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 PHENOLS | 76 CALCUL HARDNESS | 72 TOTAL CALCIUM | 74 TOT. MAG NESIUM | 68 COLOUR HAZEN | 67 PTSSSIUM K | 66 SODIUM NA | 47 ORGANIC C AS C | 41 COD | 361 SOLVENT EXTRIBLES |
|---------------|------|-----|-------|----|---------------|--------------------------|------------------------|--------------------------|-----------------------|---------------------|--------------------|-------------------------|-----------|-----------------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | UG/L | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 01 76 1130 | | | .3 | | | | | | | | | | | |
| 25 02 76 1130 | | | .3 | | | 413.0 | | | 5 | | | | | |
| 14 07 76 1400 | | | .3 | | | 597. | 231. | 5.0 | 10 | | | | | |
| 28 09 76 1200 | | | .3 | | | 918.0 | 353.00 | 8.50 | 5 | | | | | |
| 20 11 76 1200 | | | .3 | | | 1242.0 | 481.00 | 10.00 | 10 | | | | | |
| 09 12 76 1200 | | | .3 | | | 1290.0 | | | 15 | | | | | |

| MAXIMUM | 1290.0 | 481.00 | 10.00 | 15 |
|--------------------|--------|--------|-------|----|
| AVG OR GEOM MN (*) | 892.0 | 355.00 | 7.83 | 9 |
| MINIMUM | 413.0 | 231. | 5.0 | 5 |

| NO OF SAMPLES | 5 | 3 | 3 | 5 |
|---------------|---|---|---|---|
|---------------|---|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 TOTAL ARSENIC | 235 TOTAL MERCURY | 203 TOTAL ALUMINIUM | 221 TOTAL CHROMIUM | 225 TOTAL COPPER | 229 TOTAL LEAD | 215 TOTAL CADMIUM | 249 TOTAL ZINC | 201 TOTAL MN | 238 TOTAL NICKEL |
|---------------|------|-----|-------|----|-------------------------|-------------------------|---------------------------|--------------------------|------------------------|----------------------|-------------------------|----------------------|--------------------|------------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 01 76 1130 | | | .3 | | | | | | | | | | 0.194 | |
| 25 02 76 1130 | | | .3 | | | | | | 0.010 | | | 0.020L | 0.200 | 0.020L |
| 14 07 76 1400 | | | .3 | | | | | | 0.050 | | | 0.050 | 0.160 | 0.010L |
| 28 09 76 1200 | | | .3 | | | | | | 0.030 | | | 0.050 | 0.340 | 0.010L |
| 20 11 76 1200 | | | .3 | | | | | | 0.020 | | | 0.040 | 0.350 | 0.010L |
| 09 12 76 1200 | | | .3 | | | | | | 0.040 | | | 0.060 | | 0.010 |

| MAXIMUM | 0.050 | 0.060 | 0.350 | 0.020 |
|--------------------|-------|--------|-------|--------|
| AVG OR GEOM MN (*) | 0.030 | 0.040D | 0.249 | 0.0120 |
| MINIMUM | 0.010 | 0.020 | 0.160 | 0.010 |

| NO OF SAMPLES | 5 | 5 | 5 | 5 |
|---------------|---|---|---|---|
|---------------|---|---|---|---|

B.O.W./ SITE: CREEK
SAMPLE POINT: NEAR ROAD TO STANROCK TOWNSITE 32 2
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-012-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| STN NO | 12 | LAT | LONG | U.T.M. 17 0380900.0 5147400.0 4 | REGION 05 | MILEAGE | 54.00 |
|--------|----|-----|------|---------------------------------|-----------|---------|-------|
|--------|----|-----|------|---------------------------------|-----------|---------|-------|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM | 81 FECAL COLIFORM | 84 M.F. ENTER. | 88 PSEUD. MPA | 805 WATER TEMP. | 3 DISS. MG/L | 1 5-DAY BOD |
|---------------|------|-----|-------|----|---------------------|------------|-----------------|-------------------------|-------------------------|----------------------|---------------------|-----------------------|--------------------|-------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 14 07 76 1100 | | | .3 | | 14118 | 1 | | | | | | | | |
| 20 11 76 1200 | | | .3 | | 14149 | | | | | | | | | |

| MAXIMUM | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |
|--------------------|-------|-------|--------|--------|-------|-------|---------|-----|
| AVG OR GEOM MN (*) | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |
| MINIMUM | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |

| NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|---------------|---|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 TOTAL P | 34 FILTERED REACTIVE | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|---------------|------|-----|-------|----|------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 14 07 76 1100 | | | .3 | | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 | | |
| 20 11 76 1200 | | | .3 | | | | | | | | | | | |

| MAXIMUM | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |
|--------------------|-------|-------|--------|--------|-------|-------|---------|-----|
| AVG OR GEOM MN (*) | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |
| MINIMUM | 0.042 | 0.002 | 19.000 | 21.000 | 0.011 | 0.004 | 12290.0 | 3.9 |

| NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|---------------|---|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 COND. 25C | 16 TURB. FORMAZIN | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE | 95 ACIDITY MG/L | 52 TOT ALK AT LAB | 55 PH AT LAB | 61 TOTAL IRON | 208 TOTAL IRON |
|---------------|------|-----|-------|----|--------------------|-------------------------|------------------------|------------------------|-----------------------------|-----------------------|-------------------------|--------------------|---------------------|----------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 20 11 76 1200 | | | .3 | | 7200 | 0.60 | 90.0 | 6200.0 | | 5810.0 | 0 | 2.42 | | 2900.000 |

| MAXIMUM | 7200 | 0.60 | 90.0 | 6200.0 | 5810.0 | 0 | 2.42 | 2900.000 |
|--------------------|------|------|------|--------|--------|---|------|----------|
| AVG OR GEOM MN (*) | 7200 | 0.60 | 90.0 | 6200.0 | 5810.0 | 0 | 2.42 | 2900.000 |
| MINIMUM | 7200 | 0.60 | 90.0 | 6200.0 | 5810.0 | 0 | 2.42 | 2900.000 |

| NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
|---------------|---|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 PHENOLS | 76 CALCUL HARDNESS | 72 TOTAL CALCIUM | 74 TOT. MAG NESIUM | 68 COLOUR HAZEN | 67 PTSSSIUM K | 66 SODIUM NA | 47 ORGANIC C AS C | 41 COD | 361 SOLVENT EXTRIBLES |
|---------------|------|-----|-------|----|---------------|--------------------------|------------------------|--------------------------|-----------------------|---------------------|--------------------|-------------------------|-----------|-----------------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | | UG/L | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 20 11 76 1200 | | | .3 | | | 1250.0 | 451.00 | 30.50 | 70G | | | | | |

| MAXIMUM | 1250.0 | 451.00 | 30.50 | 70 |
|--------------------|--------|--------|-------|-----|
| AVG OR GEOM MN (*) | 1250.0 | 451.00 | 30.50 | 70U |
| MINIMUM | 1250.0 | 451.00 | 30.50 | 70 |

| NO OF SAMPLES | 1 | 1 | 1 | 1 |
|---------------|---|---|---|---|
|---------------|---|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 11 | 76 | 1200 | | | | .3 | | | | | 1.200 | | | 5.600 | 53.000 | 1.400 |
| | | | | | | | | MAXIMUM | | | | 1.200 | | | 5.600 | 53.000 | 1.400 |
| | | | | | | | | AVG OR GEOM MN (*) | | | | 1.200 | | | 5.600 | 53.000 | 1.400 |
| | | | | | | | | MINIMUM | | | | 1.200 | | | 5.600 | 53.000 | 1.400 |
| | | | | | | | | NO OF SAMPLES | | | | 1 | | | 1 | 1 | 1 |

B.O.W. / SITE: BUD LAKE CREEK
SAMPLE POINT: AT HIGHWAY NO 108 BUD LAKE 22 1
STATION TYPE: RIVER FLOW GAUGE MOE 02CD112

STATION ID: 14-0019-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 13 LAT LONG U.T.M. 17 0373500.0 5151450.0 4 REGION 05 MILEAGE 55.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 1345 | | | | .3 | 14018 | 4 | | | | | | 0.0 | | 0.4 |
| 15 | 02 | 76 | 1230 | | | | .3 | 14046 | | | | | | | 0.0 | | 0.4 |
| 14 | 03 | 76 | 1430 | | | | .3 | 14073 | | | | | | | 0.0 | | 0.6 |
| 12 | 07 | 76 | 1535 | | | | .3 | 14103 | | | | | | | 23.0 | 9.0 | 0.2 |
| 28 | 09 | 76 | 1200 | | | | .3 | 14135 | | | | | | | | | 0.4 |
| 20 | 11 | 76 | 1200 | | | | .3 | 14142 | | | | | | | | | 0.8 |
| 09 | 12 | 76 | 1200 | | | | .3 | 14168 | | | | | | | | | 0.6 |
| | | | | | | | | MAXIMUM | | | | | | | 23.0 | 9.0 | 0.8 |
| | | | | | | | | AVG OR GEOM MN (*) | | | | | | | 5.8 | 9.0 | 0.5 |
| | | | | | | | | MINIMUM | | | | | | | 0.0 | 9.0 | 0.2 |
| | | | | | | | | NO OF SAMPLES | | | | | | | 4 | 1 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1345 | | | | .3 | 0.005 | 0.001L | 17.000 | | 19.000 | 51.000 | 2343.0 | 10.0 | | |
| 15 | 02 | 76 | 1230 | | | | .3 | 0.001 | 0.001L | 18.900 | | | | | 9.7 | | |
| 14 | 03 | 76 | 1430 | | | | .3 | 0.010 | 0.001L | | 18.000 | | | | 7.0 | | |
| 12 | 07 | 76 | 1535 | | | | .3 | 0.005 | 0.003 | 16.400 | | 63.000 | 64.700 | | | | |
| 28 | 09 | 76 | 1200 | | | | .3 | 0.036 | 0.004 | 15.000 | 22.000 | 7.500 | 62.500 | 2654.0 | 5.1 | | |
| 20 | 11 | 76 | 1200 | | | | .3 | 0.005 | | 21.500 | 23.800 | 12.300 | 79.000 | 2687.0 | 8.5 | | |
| 09 | 12 | 76 | 1200 | | | | .3 | 0.010 | 0.001 | 25.800 | 26.300 | 12.000 | 83.000 | 2780.0 | 67.0 | | |
| | | | | | | | | MAXIMUM | 0.036 | 0.004 | 25.800 | 63.000 | 83.000 | 2780.0 | 67.0 | | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.010 | 0.0020 | 19.100 | 22.525 | 22.760 | 68.040 | 17.9 | | |
| | | | | | | | | MINIMUM | 0.001 | 0.001 | 15.000 | 7.500 | 51.000 | 2343.0 | 5.1 | | |
| | | | | | | | | NO OF SAMPLES | 7 | 6 | 6 | 4 | 5 | 5 | 4 | 6 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1345 | | | | .3 | 2550 | 21.00 | 12.0 | | | 11.0 | | 7.00 | 1.90 | |
| 15 | 02 | 76 | 1230 | | | | .3 | 2500 | 7.50 | 17.0 | 1125.0 | | 8.0 | 26 | 73.00 | 1.30 | |
| 14 | 03 | 76 | 1430 | | | | .3 | 2500 | 6.40 | 13.5 | 1400.0 | | 6.6 | 26 | 7.80 | 1.10 | |
| 12 | 07 | 76 | 1535 | | | | .3 | 2675 | 2.70 | 13.5 | 1400.0 | | 9.6 | 21 | 7.15 | | 0.270 |
| 28 | 09 | 76 | 1200 | | | | .3 | 2750 | 8.00 | 14.5 | 1300.0 | | 2.7 | 6 | 5.70 | | 0.560 |
| 20 | 11 | 76 | 1200 | | | | .3 | 2900 | 14.00 | 14.5 | 1225.0 | | 8.4 | 17 | 6.73 | | 2.200 |
| 09 | 12 | 76 | 1200 | | | | .3 | 2850 | 6.80 | 15.0 | 1510.0 | | 12.0 | 23 | 6.72 | | 1.680 |
| | | | | | | | | MAXIMUM | 2900 | 21.00 | 17.0 | 1510.0 | 12.0 | 26 | 73.00 | 1.90 | 2.200 |
| | | | | | | | | AVG OR GEOM MN (*) | 2675 | 9.49 | 14.3 | 1326.7 | 8.3 | 20 | 16.30 | 1.43 | 1.178 |
| | | | | | | | | MINIMUM | 2500 | 2.70 | 12.0 | 1125.0 | 2.7 | 6 | 5.70 | 1.10 | 0.270 |
| | | | | | | | | NO OF SAMPLES | 7 | 7 | 7 | 6 | 7 | 6 | 7 | 3 | 4 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 25 | 01 | 76 | 1345 | | | | .3 | | 1360.0 | | | 50 | | | | | |
| 15 | 02 | 76 | 1230 | | | | .3 | | 1308.0 | | | | | | | | |
| 14 | 03 | 76 | 1430 | | | | .3 | | | | | | | | | | |
| 12 | 07 | 76 | 1535 | | | | .3 | | 1508.0 | | | 10 | | | | | |
| 28 | 09 | 76 | 1200 | | | | .3 | | 1398.0 | 540.00 | 12.00 | 15 | | | | | |
| 20 | 11 | 76 | 1200 | | | | .3 | | 1485.0 | 575.00 | 12.00 | 60 | | | | | |
| 09 | 12 | 76 | 1200 | | | | .3 | | 1568.0 | | | 30 | | | | | |
| | | | | | | | | MAXIMUM | 1568.0 | 575.00 | 12.00 | 60 | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 1437.8 | 557.50 | 12.00 | 33 | | | | | |
| | | | | | | | | MINIMUM | 1308.0 | 540.00 | 12.00 | 10 | | | | | |
| | | | | | | | | NO OF SAMPLES | 6 | 2 | 2 | 5 | | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1345 | | | .3 | | | | | | | | | 0.030 | 0.625 | 0.020 |
| 15 | 02 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 14 | 03 | 76 | 1430 | | | .3 | | | | | | | | | 0.020L | 0.570 | 0.020L |
| 12 | 07 | 76 | 1535 | | | .3 | | | | | | 0.050 | | | 0.020 | 0.370 | 0.020 |
| 28 | 09 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.060 | 0.850 | 0.030 |
| 20 | 11 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.080 | 0.450 | 0.010 |
| 09 | 12 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.120 | | 0.020 |
| | | | | | | | | | | | | 0.050 | | | 0.120 | 0.850 | 0.030 |
| MAXIMUM | | | | | | | | | | | | 0.043 | | | 0.0550 | 0.573 | 0.0200 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.040 | | | 0.020 | 0.370 | 0.010 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | | 4 | | | 6 | 5 | 6 |

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD 24 1
STATION TYPE: RIVER

STATION ID: 14-0019-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| STN NO | 14 | LAT | LONG | U.T.M. 17 | 0374060.0 | 5151050.0 | 4 | REGION 05 | MILEAGE | 55.60 | | | | | | | |
|--------------------|-----------|----------|------|-------------|------------|------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS. | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1330 | | | .3 | | 14024 | | | | | | | 0.0 | | 1.0 |
| 25 | 02 | 76 | 1330 | | | .3 | | 14052 | | | | | | | | | 1.4 |
| 28 | 03 | 76 | 0920 | | | .3 | | 14089 | | | | | | | 0.5 | | 0.8 |
| 14 | 07 | 76 | 1400 | | | .3 | | 14113 | | | | | | | 23.0 | 9.0 | 0.6 |
| 28 | 09 | 76 | 1200 | | | .3 | | 14137 | | | | | | | | | 0.6 |
| 20 | 11 | 76 | 1200 | | | .3 | | 14143 | | | | | | | | | 0.8 |
| 09 | 12 | 76 | 1200 | | | .3 | | 14170 | | | | | | | | | 0.2 |
| | | | | | | | | | | | | | | | 23.0 | 9.0 | 1.4 |
| MAXIMUM | | | | | | | | | | | | | | | 7.8 | 9.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 0.0 | 9.0 | 0.2 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | | | | | 3 | 1 | 7 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | 0.004 | 0.001L | | 3.300 | | | 222.0 | 4.8 | | 218 |
| 25 | 02 | 76 | 1330 | | | .3 | | 0.018 | 0.001 | 5.800 | 5.800 | 0.480 | 12.000 | 357.0 | 13.0 | | |
| 28 | 03 | 76 | 0920 | | | .3 | | 0.009 | 0.001 | 21.600 | 23.800 | 0.770 | 30.500 | 847.0 | 3.8 | | |
| 14 | 07 | 76 | 1400 | | | .3 | | 0.004 | 0.002 | 0.840 | 1.140 | 0.029 | 2.770 | 131.0 | 1.0 | | |
| 28 | 09 | 76 | 1200 | | | .3 | | 0.026 | 0.001L | 24.000 | 32.500 | 2.400 | 63.600 | 1862.0 | 1.9 | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.003 | | 22.000 | 23.800 | 5.800 | 69.300 | 2190.0 | 3.2 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.013 | 0.002 | 46.000 | 47.300 | 5.300 | 67.000 | 2617.0 | 2.4 | | |
| | | | | | | | | 0.026 | 0.002 | 46.000 | 47.300 | 5.800 | 69.300 | 2617.0 | 13.0 | | 218 |
| MAXIMUM | | | | | | | | 0.011 | 0.001D | 20.040 | 19.663 | 2.463 | 40.862 | 1175.1 | 4.3 | | 218 |
| AVG OR GEOM MN (*) | | | | | | | | 0.003 | 0.001 | 0.840 | 1.140 | 0.029 | 2.770 | 131.0 | 1.0 | | 218 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 6 | 6 | 7 | 6 | 6 | 7 | 7 | | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | 335 | 1.50 | | 105.0 | | 3.0 | 13 | 7.40 | 0.06 | |
| 25 | 02 | 76 | 1330 | | | .3 | | 500 | 4.20 | 13.5 | | | 2.4 | | 7.40 | 0.75 | |
| 28 | 03 | 76 | 0920 | | | .3 | | 1120 | 2.30 | 22.5 | 420.0 | | 0.0 | 32 | 8.70 | 0.15 | |
| 14 | 07 | 76 | 1400 | | | .3 | | 201 | 1.90 | 5.0 | 85.0 | | 2.0 | 1L | 6.89 | | 0.080 |
| 28 | 09 | 76 | 1200 | | | .3 | | 2200 | 1.00 | 45.5 | 875.0 | | 10.5 | 18 | 7.08 | | 0.030 |
| 20 | 11 | 76 | 1200 | | | .3 | | 2500 | 2.40 | 35.0 | 1010.0 | | 5.6 | 22 | 7.13 | | 0.390 |
| 09 | 12 | 76 | 1200 | | | .3 | | 3000 | 1.70 | 78.0 | 1300.0 | | 7.0 | 41 | 7.71 | | 0.030 |
| | | | | | | | | 3000 | 4.20 | 78.0 | 1300.0 | | 10.5 | 41 | 8.70 | 0.75 | 0.390 |
| MAXIMUM | | | | | | | | 1408 | 2.14 | 29.4 | 632.5 | | 4.4 | 21D | 7.47 | 0.32 | 0.133 |
| AVG OR GEOM MN (*) | | | | | | | | 201 | 1.00 | 5.0 | 85.0 | | 0.0 | 1 | 6.89 | 0.06 | 0.030 |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 6 | | 7 | 6 | 7 | 3 | 4 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | | | | | 5 | | | | | |
| 25 | 02 | 76 | 1330 | | | .3 | | | 168.0 | | | | | | | | |
| 28 | 03 | 76 | 0920 | | | .3 | | | 454.0 | | | 5L | | | | | |
| 14 | 07 | 76 | 1400 | | | .3 | | | 70.0 | 26.00 | 1.15 | 20 | | | | | |
| 28 | 09 | 76 | 1200 | | | .3 | | | 988.0 | 381.00 | 8.50 | 10 | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | | 1192.0 | 461.00 | 10.00 | 15 | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | | 1429.0 | | | 15 | | | | | |
| | | | | | | | | | 1429.0 | 461.00 | 10.00 | 20 | | | | | |
| MAXIMUM | | | | | | | | | 716.8 | 289.33 | 6.55 | 12D | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 70.0 | 26.00 | 1.15 | 5 | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | 6 | 3 | 3 | 6 | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | | | | | | | | | 0.040 | |
| 25 | 02 | 76 | 1330 | | | .3 | | | | | | | | | | 0.063 | 0.020L |
| 28 | 03 | 76 | 0920 | | | .3 | | | | | | 0.010 | | | 0.020L | 0.070 | |
| 14 | 07 | 76 | 1400 | | | .3 | | | | | | 0.040 | | | 0.040 | 0.026 | 0.010L |
| 28 | 09 | 76 | 1200 | | | .3 | | | | | | 0.020 | | | 0.170 | 0.092 | 0.010L |
| 20 | 11 | 76 | 1200 | | | .3 | | | | | | 0.030 | | | 0.040 | 0.350 | 0.010L |
| 09 | 12 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.020 | | 0.020 |
| | | | | | | | | | | | | 0.040 | | | 0.170 | 0.350 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.028 | | | 0.0580 | 0.107 | 0.0140 |
| MINIMUM | | | | | | | | | | | | 0.010 | | | 0.020 | 0.026 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 5 | | | 5 | 6 | 5 |

B.O.W. / SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-017-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 17 LAT LONG U.T.M. 17 0374500.0 5149100.0 4 REGION 05 MILEAGE 57.50

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 14016 | 4 | | | | | | 0.0 | | 0.4 |
| 15 | 02 | 76 | 1135 | | | .3 | | 14044 | | | | | | | 0.0 | | 0.6 |
| 14 | 03 | 76 | 1330 | | | .3 | | 14071 | | | | | | | 0.0 | | 1.2 |
| 14 | 07 | 76 | 1530 | | | .3 | | 14115 | | | | | | | 25.0 | 6.0 | |
| 20 | 11 | 76 | 1200 | | | .3 | | 14147 | | | | | | | | | 3.0 |
| 09 | 12 | 76 | 1200 | | | .3 | | 14172 | | | | | | | | | 3.0 |
| | | | | | | | | | | | | | | | | 25.0 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | 6.3 | 1.6 |
| MINIMUM | | | | | | | | | | | | | | | | 0.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | 4 | 5 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 0.034 | 0.002 | | 52.000 | 4.500 | | 2608.0 | 15.0 | | |
| 15 | 02 | 76 | 1135 | | | .3 | | 0.005 | 0.001 | | 61.000 | | | | 2.7 | | |
| 14 | 03 | 76 | 1330 | | | .3 | | 0.075 | 0.007 | 72.000 | 72.500 | 4.000 | 108.000 | | 3.4 | | |
| 14 | 07 | 76 | 1530 | | | .3 | | | | | | | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.022 | | 56.000 | 65.000 | 6.500 | 109.000 | 2994.0 | 4.1 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.026 | | 68.000 | 72.000 | 8.100 | 94.000 | 3206.0 | 8.1 | | |
| | | | | | | | | 0.075 | 0.007 | 72.000 | 72.500 | 8.100 | 109.000 | 3206.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.003 | 65.333 | 64.500 | 5.775 | 103.667 | 2936.0 | 6.7 | | |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 56.000 | 52.000 | 4.000 | 94.000 | 2608.0 | 2.7 | | |
| NO OF SAMPLES | | | | | | | | 5 | 3 | 3 | 5 | 4 | 3 | 3 | 5 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 2900 | 5.50 | 58.0 | | | 0.0 | | 9.00 | 0.04 | |
| 15 | 02 | 76 | 1135 | | | .3 | | 3100 | 2.30 | 55.0 | 1425.0 | | 0.0 | 45 | 8.90 | 0.05L | |
| 14 | 03 | 76 | 1330 | | | .3 | | 3200 | 1.80 | 55.0 | 1475.0 | | 0.0 | 46 | 9.10 | 0.10 | |
| 20 | 11 | 76 | 1200 | | | .3 | | 3400 | 1.60 | 88.0 | 705.0 | | 0.0 | 62 | 8.51 | | 0.290 |
| 09 | 12 | 76 | 1200 | | | .3 | | 3500 | 3.00 | 100.0 | 1510.0 | | 0.0 | 75 | 8.89 | | 0.010 |
| | | | | | | | | 3500 | 5.50 | 100.0 | 1510.0 | | 0.0 | 75 | 9.10 | 0.10 | 0.290 |
| AVG OR GEOM MN (*) | | | | | | | | 3220 | 2.84 | 71.2 | 1278.8 | | 0.0 | 57 | 8.88 | 0.060 | 0.150 |
| MINIMUM | | | | | | | | 2900 | 1.60 | 55.0 | 705.0 | | 0.0 | 45 | 8.51 | 0.04 | 0.010 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 4 | | 5 | 4 | 5 | 3 | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | | 1400.0 | | | 10 | | | | | |
| 15 | 02 | 76 | 1135 | | | .3 | | | 1430.0 | | | | | | | | |
| 14 | 03 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | | 1524.0 | 593.00 | 10.50 | 15 | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | | 1631.0 | | | 15 | | | | | |
| | | | | | | | | | 1631.0 | 593.00 | 10.50 | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 1496.3 | 593.00 | 10.50 | 13 | | | | | |
| MINIMUM | | | | | | | | | 1400.0 | 593.00 | 10.50 | 10 | | | | | |
| NO OF SAMPLES | | | | | | | | | 4 | 1 | 1 | 3 | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | | | | | | | | 0.020 | 0.100 | 0.010L |
| 15 | 02 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 14 | 03 | 76 | 1330 | | | .3 | | | | | | | | | 0.020L | 0.128 | 0.020L |
| 14 | 07 | 76 | 1530 | | | .3 | | | | | | 0.030 | | | 0.070 | | 0.010L |
| 20 | 11 | 76 | 1200 | | | .3 | | | | | | 0.030 | | | 0.010L | 0.110 | 0.010L |
| 09 | 12 | 76 | 1200 | | | .3 | | | | | | 0.040 | | | 0.040 | | 0.010L |
| | | | | | | | | | | | | 0.040 | | | 0.070 | 0.128 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.033 | | | 0.032D | 0.113 | 0.020 |
| MINIMUM | | | | | | | | | | | | 0.030 | | | 0.010 | 0.100 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 3 | | | 5 | 3 | 3 |

B.O.W./ SITE: LONG LAKE OUTLET
SAMPLE POINT: LONG LAKE OUTLET AT BARIUM TREATMENT 20 1
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-018-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

| STN NO | 18 | LAT | | LONG | | U.T.M. 17 0374450.0 5148700.0 4 | | | | REGION 05 | | MILEAGE | | 57.70 | | | |
|--------------------|-----------|----------|-----------|---------------------|--------------------|---------------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1130 | | | .3 | | 14017 | 4 | | | | | | 0.0 | | 1.6 |
| 15 | 02 | 76 | 1200 | | | .3 | | 14045 | 4 | | | | | | 0.0 | | 2.2 |
| 14 | 03 | 76 | 1355 | | | .3 | | 14072 | 4 | | | | | | 0.0 | | 3.2 |
| 14 | 07 | 76 | 1500 | | | .3 | | 14114 | | | | | | | 26.0 | 8.0 | 1.4 |
| 20 | 11 | 76 | 1200 | | | .3 | | 14146 | | | | | | | | | 1.4 |
| 09 | 12 | 76 | 1200 | | | .3 | | 14171 | | | | | | | | | 5.0 |
| | | | | | | | | | | | | | | | 26.0 | 8.0 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 6.5 | 8.0 | 2.5 |
| MINIMUM | | | | | | | | | | | | | | | 0.0 | 8.0 | 1.4 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 4 | 1 | 6 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1130 | | | .3 | | 0.042 | 0.001L | | 98.000 | 2.600 | | 3104.0 | 3.2 | | |
| 15 | 02 | 76 | 1200 | | | .3 | | 0.050 | 0.001L | | 97.000 | 1.650 | | | 14.0 | | |
| 14 | 03 | 76 | 1355 | | | .3 | | 0.001 | 0.001L | | 139.000 | 2.850 | 155.000 | | 6.6 | | |
| 14 | 07 | 76 | 1500 | | | .3 | | 0.040 | 0.001L | 50.000 | 52.000 | | 138.000 | 3508.0 | 8.0 | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.034 | | 88.000 | 95.000 | 2.500 | 114.000 | 2959.0 | 2.3 | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 0.024 | 0.006 | 124.000 | 142.000 | 1.600 | 123.000 | 3501.0 | 12.0 | | |
| | | | | | | | | 0.050 | 0.006 | 124.000 | 142.000 | 2.850 | 155.000 | 3508.0 | 14.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.002D | 87.333 | 103.833 | 2.240 | 132.500 | 3268.0 | 7.7 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 50.000 | 52.000 | 1.600 | 114.000 | 2959.0 | 2.3 | | |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 3 | 6 | 5 | 4 | 4 | 6 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1130 | | | .3 | | 3400 | 2.40 | 51.0 | | | 0.0 | | | 0.60 | |
| 15 | 02 | 76 | 1200 | | | .3 | | 3600 | 6.00 | 55.0 | 1650.0 | | 0.0 | 143 | 9.20 | 1.50 | |
| 14 | 03 | 76 | 1355 | | | .3 | | 3700 | 2.90 | 63.0 | 1500.0 | | 0.0 | 191 | 9.40 | 0.40 | |
| 14 | 07 | 76 | 1500 | | | .3 | | 3850 | 3.00 | 71.0 | 2050.0 | | 13.0 | 28 | 7.82 | | 0.050 |
| 20 | 11 | 76 | 1200 | | | .3 | | 3550 | 1.40 | 105.0 | 1350.0 | | 0.0 | 129 | 9.11 | | 0.020 |
| 09 | 12 | 76 | 1200 | | | .3 | | 3900 | 1.70 | 143.0 | 1730.0 | | 0.0 | 279 | 9.64 | | 0.110 |
| | | | | | | | | 3900 | 6.00 | 143.0 | 2050.0 | | 13.0 | 279 | 9.64 | 1.50 | 0.110 |
| AVG OR GEOM MN (*) | | | | | | | | 3667 | 2.90 | 81.3 | 1656.0 | | 2.2 | 154 | 9.13 | 0.65 | 0.050 |
| MINIMUM | | | | | | | | 3400 | 1.40 | 51.0 | 1350.0 | | 0.0 | 28 | 7.82 | 0.06 | 0.020 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 5 | | 6 | 5 | 6 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1130 | | | .3 | | | 1600.0 | | | 5 | | | | | |
| 15 | 02 | 76 | 1200 | | | .3 | | | 1680.0 | | | | | | | | |
| 14 | 03 | 76 | 1355 | | | .3 | | | | | | | | | | | |
| 14 | 07 | 76 | 1500 | | | .3 | | | 1797.0 | 685.00 | 21.00 | 5 | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | | 1427.0 | 555.00 | 10.00 | 5 | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | | 1643.0 | | | 15 | | | | | |
| | | | | | | | | | 1797.0 | 685.00 | 21.00 | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 1629.4 | 620.00 | 15.50 | 8 | | | | | |
| MINIMUM | | | | | | | | | 1427.0 | 555.00 | 10.00 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | | 5 | 2 | 2 | 4 | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 223 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1130 | | | .3 | | | | | | | | | | 0.030 | |
| 15 | 02 | 76 | 1200 | | | .3 | | | | | | | | | | 0.345 | |
| 14 | 03 | 76 | 1355 | | | .3 | | | | | | | | | | 0.080 | |
| 14 | 07 | 76 | 1500 | | | .3 | | | | | | 0.060 | | | 0.020 | 0.256 | 0.010L |
| 20 | 11 | 76 | 1200 | | | .3 | | | | | | 0.070 | | | 0.020 | 0.040 | 0.017L |
| 09 | 12 | 76 | 1200 | | | .3 | | | | | | 0.070 | | | 0.060 | | 0.020 |
| MAXIMUM | | | | | | | | | | | | 0.070 | | | 0.060 | 0.345 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.067 | | | 0.033 | 0.150 | 0.0130 |
| MINIMUM | | | | | | | | | | | | 0.060 | | | 0.020 | 0.030 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 3 | | | 3 | 5 | 3 |

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 18 2
STATION TYPE: RIVER FLOW GAUGE FED 02CDD02

STATION ID: 14-0019-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 19 LAT LONG U.T.M. 17 0373450.0 5148600.0 4 REGION 05 MILEAGE 58.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | | 14025 | | | | | | | 0.0 | 7.0 | 0.8 |
| 25 | 02 | 76 | 1350 | | | .3 | | 14053 | | | | | | | | | 0.8 |
| 28 | 03 | 76 | 0940 | | | .3 | | 14090 | | | 1. | 1. | 1. | | 1.5 | 9.0 | 0.2 |
| 14 | 07 | 76 | 1600 | | | .3 | | 14116 | | | | | | | | | 0.2 |
| 28 | 09 | 76 | 1200 | | | .3 | | 14136 | | | | | | 23.0 | | 1.1 | 0.2 |
| 20 | 11 | 76 | 1200 | | | .3 | | 14145 | | | | | | | | | 0.8 |
| MAXIMUM | | | | | | | | | | | 1. | 1. | 1. | | 23.0 | 9.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1.* | 1.* | 1.* | | 8.2 | 5.7 | 0.6 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 1.1 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 1 | 1 | 1 | | 3 | 3 | 5 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | | 0.002 | 0.001L | 0.030 | 0.220 | 0.001 | 0.080 | 31.0 | 2.2 | | 29 |
| 25 | 02 | 76 | 1350 | | | .3 | | 0.001 | 0.001L | 0.032 | 0.260 | 0.002 | 0.128 | 27.0 | 1.0L | | 26 |
| 28 | 03 | 76 | 0940 | | | .3 | | 0.002 | 0.001 | 0.088 | 0.560 | 0.004 | 0.326 | 24.0 | 1.0L | | 23 |
| 14 | 07 | 76 | 1600 | | | .3 | | | | | | | | | | | |
| 28 | 09 | 76 | 1200 | | | .3 | | 0.022 | 0.001L | 0.062 | 0.420 | 0.060 | 0.240 | 101.0 | 1.6 | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.003 | 0.001 | 0.090 | 0.860 | 0.050 | 0.570 | 27.0 | 0.8 | | |
| MAXIMUM | | | | | | | | 0.022 | 0.001 | 0.090 | 0.860 | 0.060 | 0.570 | 101.0 | 2.2 | | 29 |
| AVG OR GEOM MN (*) | | | | | | | | 0.006 | 0.001D | 0.060 | 0.464 | 0.023 | 0.269 | 42.0 | 1.30 | | 26 |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.030 | 0.220 | 0.001 | 0.080 | 24.0 | 0.8 | | 23 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | 3 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | | 45 | 1.10 | 1.0 | 8.5 | | 2.0 | 8 | 7.50 | 0.05L | |
| 25 | 02 | 76 | 1350 | | | .3 | | 41 | 0.55 | 0.9 | | | 1.6 | 8 | 7.10 | 0.05L | |
| 28 | 03 | 76 | 0940 | | | .3 | | 34 | 0.30 | 0.6 | 9.5 | | 2.2 | 1L | 7.10 | 0.15 | |
| 28 | 09 | 76 | 1200 | | | .3 | | 155 | 1.20 | 0.7 | 10.0 | | 1.3 | 9 | 6.80 | | 0.030 |
| 20 | 11 | 76 | 1200 | | | .3 | | 41 | 0.50 | 2.6 | 7.5 | | 2.2 | 90 | 7.18 | | 0.030 |
| MAXIMUM | | | | | | | | 155 | 1.20 | 2.6 | 10.0 | | 2.2 | 90 | 7.50 | 0.15 | 0.030 |
| AVG OR GEOM MN (*) | | | | | | | | 63 | 0.73 | 1.2 | 8.9 | | 1.9 | 230 | 7.14 | 0.080 | 0.030 |
| MINIMUM | | | | | | | | 34 | 0.30 | 0.6 | 7.5 | | 1.3 | 1 | 6.80 | 0.05 | 0.030 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 4 | | 5 | 5 | 5 | 3 | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | | | 12.0 | | | 5 | | | | | |
| 25 | 02 | 76 | 1350 | | | .3 | | | 13.0 | | | 5 | | | | | |
| 28 | 03 | 76 | 0940 | | | .3 | | | 11.0 | | | 5 | | | | | |
| 28 | 09 | 76 | 1200 | | | .3 | | | 12.0 | 4.20 | 0.30 | 1 | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | | 14.0 | 4.40 | 0.75 | 5 | | | | | |
| MAXIMUM | | | | | | | | | 14.0 | 4.40 | 0.75 | 5 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 12.4 | 4.30 | 0.53 | 4 | | | | | |
| MINIMUM | | | | | | | | | 11.0 | 4.20 | 0.30 | 1 | | | | | |
| NO OF SAMPLES | | | | | | | | | 5 | 2 | 2 | 5 | | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 01 76 1345 | | | .3 | | | | | | | | | | | |
| 25 02 76 1350 | | | .3 | | | | | | | | | | | |
| 28 03 76 0940 | | | .3 | | | | | | 0.010 | | | 0.020L | 0.027 | 0.020L |
| 14 07 76 1600 | | | .3 | | | | | | 0.040 | | | 0.010L | 0.016 | 0.010L |
| 28 09 76 1200 | | | .3 | | | | | | 0.010L | | | 0.030 | 0.014 | 0.010L |
| 20 11 76 1200 | | | .3 | | | | | | 0.020 | | | 0.060 | 0.024 | 0.010L |
| MAXIMUM | | | | | | | | | 0.040 | | | 0.060 | 0.027 | 0.020 |
| AVG OR GEOM MN (+) | | | | | | | | | 0.020D | | | 0.030D | 0.020 | 0.013D |
| MINIMUM | | | | | | | | | 0.010 | | | 0.010 | 0.014 | 0.010 |
| NO OF SAMPLES | | | | | | | | | 4 | | | 4 | 5 | 4 |

B.O.W./ SITE: CREEK
SAMPLE POINT: NEW DAM OVERFLOW STANROCK 32 3
STATION TYPE: RIVER

STATION ID: 14-0019-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 20 LAT LONG U.T.M. 17 0383550.0 5146325.0 4 REGION 05 MILEAGE 53.00

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MPA | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|-----------------------------|---------------------|--------------------------------|--------------------------|---------------------------|
| 15 02 76 1100 | | | .3 | | 14042 | 4 | | | | | | | | |
| 14 03 76 1200 | | | .3 | | 14070 | 4 | | | | | | 0.0 | | 2.0 |
| 14 07 76 1700 | | | .3 | | 14117 | | | | | | | 0.0 | | 4.0 |
| 20 11 76 1200 | | | .3 | | 14150 | | | | | | | 27.0 | 3.0 | 2.0 |
| MAXIMUM | | | | | | | | | | | | 27.0 | 3.0 | 4.0 |
| AVG OR GEOM MN (+) | | | | | | | | | | | | 9.0 | 3.0 | 2.7 |
| MINIMUM | | | | | | | | | | | | 0.0 | 3.0 | 2.0 |
| NO OF SAMPLES | | | | | | | | | | | | 3 | 1 | 3 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 02 76 1100 | | | .3 | | 0.001 | | 3.600 | 4.800 | 0.570 | 0.005L | 3287.0 | 3.3 | | |
| 14 03 76 1200 | | | .3 | | | 0.001 | 3.750 | 5.750 | 0.250 | 0.015 | 3546.0 | 9.3 | | |
| 14 07 76 1700 | | | .3 | | 0.025 | 0.004 | 1.260 | 1.390 | 0.063 | 0.005L | 2344.0 | 4.0 | | |
| 20 11 76 1200 | | | .3 | | 0.086 | 0.002 | 8.000 | 8.500 | 0.011 | 0.029 | 4174.0 | 1.9 | | |
| MAXIMUM | | | | | 0.086 | 0.004 | 8.000 | 8.500 | 0.570 | 0.029 | 4174.0 | 9.3 | | |
| AVG OR GEOM MN (+) | | | | | 0.037 | 0.002 | 4.153 | 5.110 | 0.224 | 0.014D | 3337.8 | 4.6 | | |
| MINIMUM | | | | | 0.001 | 0.001 | 1.260 | 1.390 | 0.011 | 0.005 | 2344.0 | 1.9 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 02 76 1100 | | | .3 | | 2750 | 0.75 | 18.0 | 2000.0 | | 1600.0 | 1L | 2.70 | 875.00 | |
| 14 03 76 1200 | | | .3 | | 2700 | 18.00 | 18.5 | 1900.0 | | 1600.0 | 1L | 2.70 | 112.00 | |
| 14 07 76 1700 | | | .3 | | 2450 | 1.30 | 12.0 | 1450.0 | | 1200.0 | 0 | 2.36 | | 215.000 |
| 20 11 76 1200 | | | .3 | | 3450 | 0.50 | 30.5 | 2260.0 | | 2025.0 | 0 | 2.61 | | 660.000 |
| MAXIMUM | | | | | 3450 | 18.00 | 30.5 | 2260.0 | | 2025.0 | 1 | 2.70 | 875.00 | 660.000 |
| AVG OR GEOM MN (+) | | | | | 2828 | 5.14 | 19.8 | 1902.5 | | 1606.3 | 10 | 2.59 | 493.50 | 437.500 |
| MINIMUM | | | | | 2450 | 0.50 | 12.0 | 1450.0 | | 1200.0 | 0 | 2.36 | 112.00 | 215.000 |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | 2 | 2 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 15 02 76 1100 | | | .3 | | | 538.0 | | | | | | | | |
| 14 03 76 1200 | | | .3 | | | 598.0 | | | | | | | | |
| 14 07 76 1700 | | | .3 | | | 414.0 | 133.00 | 20.00 | 70G | | | | | |
| 20 11 76 1200 | | | .3 | | | 858.0 | 258.00 | 52.00 | 70G | | | | | |
| MAXIMUM | | | | | | 858.0 | 258.00 | 52.00 | 70 | | | | | |
| AVG OR GEOM MN (+) | | | | | | 602.0 | 195.50 | 36.00 | 70U | | | | | |
| MINIMUM | | | | | | 414.0 | 133.00 | 20.00 | 70 | | | | | |
| NO OF SAMPLES | | | | | | 4 | 2 | 2 | 2 | | | | | |

[illegible]

B.O.W. / SITE: BUD LAKE CONTROL
 SAMPLE POINT: WEST END OF BUD LAKE TAILINGS 22 4
 STATION TYPE: LAKE

STATION ID: 14-0019-022-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

STN NO 22 LAT LONG U.T.M. 17 0370375.0 5150900.0 4 REGION 05 MILEAGE 57.00

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 1440 | | | .3 | | 14020 | 4 | | | | | | 0.0 | | 0.2 |
| 15 | 02 | 76 | 1320 | | | .3 | | 14048 | 4 | | | | | | 0.0 | | 0.8 |
| 14 | 03 | 76 | 1530 | | | .3 | | 14075 | 4 | | | | | | 0.0 | | 0.8 |
| 12 | 07 | 76 | 1550 | | | .3 | | 14104 | | | | | | | 23. | 9.0 | 0.2 |
| 28 | 09 | 76 | 1201 | | | .3 | | 14131 | 6 | | | | | | | | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

23.
 5.8
 0.0

9.0
 9.0
 9.0

0.8
 0.5
 0.2

NO OF SAMPLES

4
 1
 5

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1440 | | | .3 | | 0.002 | 0.001 | 0.060 | 0.420 | 0.003 | 0.220 | 40.0 | 1.2 | | 39 |
| 15 | 02 | 76 | 1320 | | | .3 | | 0.001 | 0.001 | 0.114 | 0.380 | 0.050 | 5.580 | 42.0 | 3.2 | | 39 |
| 14 | 03 | 76 | 1530 | | | .3 | | 0.004 | 0.001 | 0.160 | 0.340 | 0.040 | 0.360 | 33.0 | 1.0L | | 33 |
| 12 | 07 | 76 | 1550 | | | .3 | | 0.006 | 0.001 | 0.090 | 0.340 | 0.020 | 0.180 | 39. | 2.9 | | |
| 28 | 09 | 76 | 1201 | | | .3 | | 0.015 | 0.002 | 0.006 | 0.290 | 0.001 | 0.005 | 42.0 | 5.7 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.015
 0.006
 0.001

0.002
 0.001
 0.001

0.160
 0.086
 0.006

0.420
 0.354
 0.290

0.050
 0.023
 0.001

5.580
 1.269
 0.005

NO OF SAMPLES

5
 5
 5
 5
 5
 5
 5
 5
 3

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1440 | | | .3 | | 62 | 1.20 | 1.3 | | | 5.6 | | | 7.00 | 0.44 |
| 15 | 02 | 76 | 1320 | | | .3 | | 60 | 1.00 | 1.0 | 12.0 | | 3.0 | | | 6.80 | 0.93 |
| 14 | 03 | 76 | 1530 | | | .3 | | 50 | 1.00 | 2.0 | 9.0 | | 3.7 | 10 | | 6.70 | 0.40 |
| 12 | 07 | 76 | 1550 | | | .3 | | 54 | 1.1 | 0.7 | 8.5 | | 3.4 | 11 | | 7.19 | |
| 28 | 09 | 76 | 1201 | | | .3 | | 56 | 1.20 | 0.6 | 6.0 | | 4.3 | 12 | | 6.67 | 0.340 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

62
 56
 50

1.20
 1.10
 1.00

2.0
 1.1
 0.6

12.0
 8.9
 6.0

5.6
 4.0
 3.0

12
 11
 10

7.19
 6.87
 6.67

0.93
 0.59
 0.40

NO OF SAMPLES

5
 5
 5
 4
 5
 3
 5
 3
 2

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 01 | 76 | 1440 | | | .3 | | | 18.0 | | | 20 | | | | | |
| 15 | 02 | 76 | 1320 | | | .3 | | | 18.0 | | | | | | | | |
| 14 | 03 | 76 | 1530 | | | .3 | | | | | | | | | | | |
| 12 | 07 | 76 | 1550 | | | .3 | | | 18. | | | 15 | | | | | |
| 28 | 09 | 76 | 1201 | | | .3 | | | 14.0 | 5.00 | 0.40 | 10 | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

18.0
 17.0
 14.0

5.00
 5.00
 5.00

0.40
 0.40
 0.40

20
 15
 10

NO OF SAMPLES

4
 1
 1
 3

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1440 | | | .3 | | | | | | | | | 0.020 | 0.040 | 0.010L |
| 15 | 02 | 76 | 1320 | | | .3 | | | | | | | | | | | |
| 14 | 03 | 76 | 1530 | | | .3 | | | | | | | | | 0.020L | 0.112 | 0.020L |
| 12 | 07 | 76 | 1550 | | | .3 | | | | | | 0.05 | | | 0.03 | 0.240 | 0.01 |
| 28 | 09 | 76 | 1201 | | | .3 | | | | | | 0.010L | | | 0.020 | 0.168 | 0.010L |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.05
 0.0300
 0.010

0.03
 0.0230
 0.020

0.240
 0.140
 0.040

0.020
 0.0130
 0.010

NO OF SAMPLES

2
 4
 4
 4

B.O.W./ SITE: PRONTO LAKE OUTLET
 SAMPLE POINT: AT HIGHWAY NO 17 NEAR PRONTO MINE ROAD 60.1
 STATION TYPE: LAKE FLOW GAUGE MOE 02CD100

STATION ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 R040

| STN NO | 23 | LAT | LONG | U.T.M. 17 0369000.0 5117650.0 4 | REGION 05 | MILEAGE | 0.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|--------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 15 07 76 1530 | | | .3 | | 14128 | | | | | | | | | 1.2 |
| 21 11 76 1200 | | | .3 | | 14162 | | | | | | | | | 0.8 |
| 21 12 76 1200 | | | .3 | | 14175 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | | | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 1.0 |
| MINIMUM | | | | | | | | | | | | | | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | | | | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 15 07 76 1530 | | | .3 | | 0.035 | 0.005 | 0.266 | 1.100 | 0.007 | 0.036 | 320.0 | 20.0 | | |
| 21 11 76 1200 | | | .3 | | 0.011 | 0.001L | 0.120 | 0.190 | 0.001 | 0.249 | 1280.0 | 6.7 | | |
| 21 12 76 1200 | | | .3 | | 0.054 | 0.001L | 0.066 | 0.560 | 0.002 | 0.028 | 1460.0 | 110.0 | | |
| MAXIMUM | | | | | 0.054 | 0.005 | 0.266 | 1.100 | 0.007 | 0.249 | 1460.0 | 110.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.033 | 0.0020 | 0.151 | 0.617 | 0.003 | 0.104 | 1020.0 | 45.6 | | |
| MINIMUM | | | | | 0.011 | 0.001 | 0.066 | 0.190 | 0.001 | 0.028 | 320.0 | 6.7 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 15 07 76 1530 | | | .3 | | 415 | 9.00 | 42.5 | 65.0 | | 11.0 | 86 | 7.17 | | 2.600 |
| 21 11 76 1200 | | | .3 | | 1460 | 2.50 | 33.5 | 705.0 | | 4.2 | 23 | 6.86 | | 0.410 |
| 21 12 76 1200 | | | .3 | | 1550 | 38.00 | 37.5 | 865.0 | | 11.0 | 45 | 7.54 | | 4.100 |
| MAXIMUM | | | | | 1550 | 38.00 | 42.5 | 865.0 | | 11.0 | 86 | 7.54 | | 4.100 |
| AVG OR GEOM MN (*) | | | | | 1142 | 16.50 | 37.8 | 545.0 | | 8.7 | 51 | 7.19 | | 2.370 |
| MINIMUM | | | | | 415 | 2.50 | 33.5 | 65.0 | | 4.2 | 23 | 6.86 | | 0.410 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | | 3 | 3 | 3 | | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRIBLES MG/L |
| 15 07 76 1530 | | | .3 | | | 161.0 | 52.00 | 7.50 | 70G | | | | | |
| 21 11 76 1200 | | | .3 | | | 793.0 | 263.00 | 33.00 | 15 | | | | | |
| 21 12 76 1200 | | | .3 | | | 872.0 | 298.00 | 31.00 | 60 | | | | | |
| MAXIMUM | | | | | | 872.0 | 298.00 | 33.00 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | 608.7 | 204.33 | 23.83 | 48U | | | | | |
| MINIMUM | | | | | | 161.0 | 52.00 | 7.50 | 15 | | | | | |
| NO OF SAMPLES | | | | | | 3 | 3 | 3 | 3 | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 15 07 76 1530 | | | .3 | | | | | | 0.030 | | | 0.030 | 0.192 | 0.010L |
| 21 11 76 1200 | | | .3 | | | | | | 0.030 | | | 0.050 | 0.255 | 0.010L |
| 21 12 76 1200 | | | .3 | | | | | | | | | | 0.740 | |
| MAXIMUM | | | | | | | | | 0.030 | | | 0.050 | 0.740 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | 0.030 | | | 0.040 | 0.396 | 0.0100 |
| MINIMUM | | | | | | | | | 0.030 | | | 0.030 | 0.192 | 0.010 |
| NO OF SAYPLES | | | | | | | | | 2 | | | 2 | 3 | 2 |

B.O.W./ SITE: BUD LAKE TAILINGS

SAMPLE POINT: BUD LAKE TAILINGS UPSTREAM FROM BARIUM TREATMENT 22 5

STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SERPENT RIVER

STATION ID: 14-0019-024-01

STORET CODE: 02

002

8040

| STN NO | 24 | LAT | LONG | U.T.M. 17 0371200.0 5151250.0 4 | | | | | | | | | | REGION 05 | MILEAGE | 56.40 | |
|--------------------|--------|-------|------|---------------------------------|---------|-----------------|----|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 25 01 | 76 | 1530 | | | | .3 | | 14021 | | | | | | | 0.0 | | 0.2 |
| 15 02 | 76 | 1400 | | | | .3 | | 14049 | | | | | | | 0.0 | | 0.6 |
| 14 03 | 76 | 1600 | | | | .3 | | 14076 | | | | | | | 0.0 | | 0.8 |
| 12 07 | 76 | 1450 | | | | .3 | | 14100 | | | | | | | 22.0 | 8.0 | 0.4 |
| 28 09 | 76 | 1200 | | | | .3 | | 14132 | | | | | | | | | 1.4 |
| 20 11 | 76 | 1200 | | | | .3 | | 14139 | | | | | | | | | 1.4 |
| 09 12 | 76 | 1200 | | | | .3 | | 14165 | | | | | | | | | 0.6 |
| MAXIMUM | | | | | | | | | | | | | | | 22.0 | 8.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 5.5 | 8.0 | 0.8 |
| MINIMUM | | | | | | | | | | | | | | | 0.0 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 4 | 1 | 7 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 01 | 76 | 1530 | | | | .3 | | 0.010 | | 18.000 | 22.000 | 17.000 | 68.000 | 2853.0 | 6.2 | | |
| 15 02 | 76 | 1400 | | | | .3 | | 0.001 | 0.001L | 20.000 | 23.000 | | | | 3.7 | | |
| 14 03 | 76 | 1600 | | | | .3 | | 0.010 | 0.001L | 26.000 | 27.600 | 15.000 | 84.000 | 2779.0 | 4.4 | | |
| 12 07 | 76 | 1450 | | | | .3 | | 0.015 | 0.005 | 21.500 | | 14.000 | 71.000 | 2903.0 | 5.6 | | |
| 28 09 | 76 | 1200 | | | | .3 | | 0.030 | | 15.900 | 17.000 | 15.500 | 77.000 | 2927.0 | 15.0 | | |
| 20 11 | 76 | 1200 | | | | .3 | | 0.022 | | 24.500 | 25.300 | 17.000 | 90.500 | 2979.0 | 3.7 | | |
| 09 12 | 76 | 1200 | | | | .3 | | 0.018 | 0.003 | 30.000 | 30.700 | 18.000 | 72.000 | 3093.0 | 15.0 | | |
| MAXIMUM | | | | | | | | 0.030 | 0.005 | 30.000 | 30.700 | 18.000 | 90.500 | 3093.0 | 15.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.0030 | 22.271 | 24.267 | 16.083 | 77.083 | 2922.3 | 7.7 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 15.900 | 17.000 | 14.000 | 68.000 | 2779.0 | 3.7 | | |
| NO OF SAMPLES | | | | | | | | 7 | 4 | 7 | 6 | 6 | 6 | 6 | 7 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 01 | 76 | 1530 | | | | .3 | | 2800 | 4.90 | | | | 3.0 | | 8.10 | | |
| 15 02 | 76 | 1400 | | | | .3 | | 2650 | 1.90 | 12.0 | | | 0.0 | | 8.60 | 0.17 | |
| 14 03 | 76 | 1600 | | | | .3 | | 2850 | 1.50 | 12.5 | | | 0.0 | 42 | 8.70 | 0.20 | |
| 12 07 | 76 | 1450 | | | | .3 | | 2850 | 1.50 | 10.5 | 1375.0 | | 0.0 | 51 | 8.88 | | 0.090 |
| 28 09 | 76 | 1200 | | | | .3 | | 2950 | 8.00 | 12.5 | 1525.0 | | 0.0 | 37 | 8.58 | | 0.200 |
| 20 11 | 76 | 1200 | | | | .3 | | 3150 | 3.40 | 12.5 | 2450.0 | | 0.0 | 24 | 8.33 | | 0.080 |
| 09 12 | 76 | 1200 | | | | .3 | | 3200 | 1.60 | 13.0 | 1730.0 | | 0.0 | 41 | 8.49 | | 0.040 |
| MAXIMUM | | | | | | | | 3200 | 8.00 | 13.0 | 2450.0 | | 3.0 | 51 | 8.88 | 0.20 | 0.200 |
| AVG OR GEOM MN (*) | | | | | | | | 2921 | 3.26 | 12.2 | 1770.0 | | 0.4 | 39 | 8.53 | 0.19 | 0.103 |
| MINIMUM | | | | | | | | 2650 | 1.50 | 10.5 | 1375.0 | | 0.0 | 24 | 8.10 | 0.17 | 0.040 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 6 | 4 | | 7 | 5 | 7 | 2 | 4 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 25 01 | 76 | 1530 | | | | .3 | | | 1660.0 | | | 10 | | | | | |
| 15 02 | 76 | 1400 | | | | .3 | | | 1506.0 | | | | | | | | |
| 14 03 | 76 | 1600 | | | | .3 | | | | | | | | | | | |
| 12 07 | 76 | 1450 | | | | .3 | | | 1715.0 | | | 10 | | | | | |
| 28 09 | 76 | 1200 | | | | .3 | | | 1597.0 | 618.00 | 13.00 | 15 | | | | | |
| 20 11 | 76 | 1200 | | | | .3 | | | 1631.0 | 635.00 | 11.00 | 15 | | | | | |
| 09 12 | 76 | 1200 | | | | .3 | | | 1731.0 | | | 15 | | | | | |
| MAXIMUM | | | | | | | | | 1731.0 | 635.00 | 13.00 | 15 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 1640.0 | 626.50 | 12.00 | 13 | | | | | |
| MINIMUM | | | | | | | | | 1506.0 | 618.00 | 11.00 | 10 | | | | | |
| NO OF SAMPLES | | | | | | | | | 6 | 2 | 2 | 5 | | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 25 01 | 76 | 1530 | | | | .3 | | | | | | | | | 0.010 | 0.360 | 0.010 |
| 15 02 | 76 | 1400 | | | | .3 | | | | | | | | | | | |
| 14 03 | 76 | 1600 | | | | .3 | | | | | | | | | | | |
| 12 07 | 76 | 1450 | | | | .3 | | | | | | 0.040 | | | 0.020L | 0.290 | 0.020L |
| 28 09 | 76 | 1200 | | | | .3 | | | | | | 0.020 | | | 0.030 | 0.032 | 0.010 |
| 20 11 | 76 | 1200 | | | | .3 | | | | | | 0.040 | | | 0.020 | 0.070 | 0.010L |
| 09 12 | 76 | 1200 | | | | .3 | | | | | | 0.040 | | | 0.060 | 0.060 | 0.010L |
| MAXIMUM | | | | | | | | | | | | 0.040 | | | 0.060 | 0.360 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.035 | | | 0.020L | 0.162 | 0.0120 |
| MINIMUM | | | | | | | | | | | | 0.020 | | | 0.010 | 0.032 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 4 | | | 6 | 5 | 6 |

B.O.W./ SITE: ELLIOT LAKE
 SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
 STATION TYPE: LAKE

STATION ID: 14-0019-027-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

STN NO 27 LAT LONG U.T.M. 17 0372000.0 5138450.0 4 REGION 05 MILEAGE 47.50

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DLG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1620 | | | .3 | | 14027 | 4 | | | | | | 0.0 | 11.0 | 5.2 |
| 25 | 02 | 76 | 1630 | | | .3 | | 14055 | | | | | | | | | 2.0 |
| 28 | 03 | 76 | 1105 | | | .3 | | 14092 | 4 | | 4. | 1. | 8. | | 0.0 | 7.0 | 0.6 |
| 15 | 07 | 76 | 1000 | | | .3 | | 14120 | | | | | | | | | 0.4 |
| 21 | 11 | 76 | 1200 | | | .3 | | 14154 | | | | | | | | | 1.0 |
| 21 | 12 | 76 | 1200 | | | .3 | | 14181 | | | | | | | | | |

| AVG OR GEOM MN (*) | | 4. | 1. | 8. | 0.00 | 11.0 | 5.2 |
|--------------------|--|----|----|----|------|------|-----|
| MINIMUM | | 4. | 1. | 8. | 0.0 | 9.0 | 1.8 |
| | | 4. | 1. | 8. | 0.0 | 7.0 | 0.4 |

| NO OF SAMPLES | 1 | 1 | 1 | 2 | 2 | 5 |
|---------------|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1620 | | | .3 | | 0.038 | 0.002 | 0.010L | 0.980 | 0.002 | 0.130 | 79.0 | 11.0 | | 68 |
| 25 | 02 | 76 | 1630 | | | .3 | | 0.019 | 0.001L | 0.040 | 0.420 | 0.002 | 0.133 | 78.0 | 13.0 | | 65 |
| 28 | 03 | 76 | 1105 | | | .3 | | 0.008 | 0.001L | 0.116 | 0.460 | 0.003 | 0.417 | 67.0 | 1.9 | | 65 |
| 15 | 07 | 76 | 1000 | | | .3 | | 0.005 | 0.001L | 0.115 | 0.900 | 0.001 | 0.060 | 63. | 1.2 | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.048 | 0.001 | 0.220 | 0.500 | 0.002 | 0.063 | 184.0 | 125.0 | 59 | |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.016 | 0.005 | 0.066 | 0.370 | 0.002 | 0.108 | 70.0 | 2.2 | | |

| AVG OR GEOM MN (*) | | 0.048 | 0.005 | 0.220 | 0.980 | 0.003 | 0.417 | 184.0 | 125.0 | 59 | 68 |
|--------------------|--|-------|--------|--------|-------|-------|-------|-------|-------|----|----|
| MINIMUM | | 0.022 | 0.002D | 0.095D | 0.605 | 0.002 | 0.152 | 90.2 | 25.7 | 59 | 65 |
| | | 0.005 | 0.001 | 0.010 | 0.370 | 0.001 | 0.060 | 63. | 1.2 | 59 | 65 |

| NO OF SAMPLES | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 3 |
|---------------|---|---|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1620 | | | .3 | | 104 | 3.00 | 8.0 | 27.5 | | 2.0 | 8 | 7.50 | 0.16 | |
| 25 | 02 | 76 | 1630 | | | .3 | | 100 | 1.20 | 7.4 | | | 2.4 | 8 | 6.80 | 0.30 | |
| 28 | 03 | 76 | 1105 | | | .3 | | 98 | 1.80 | 9.0 | 20.0 | | 2.4 | 1L | 6.30 | 0.30 | |
| 15 | 07 | 76 | 1000 | | | .3 | | 94 | 1.3 | 7.6 | 21.5 | | 2.5 | 7 | 7.34 | | 0.030 |
| 21 | 11 | 76 | 1200 | | | .3 | | 90 | 5.20 | 7.2 | 25.5 | | 2.4 | 7 | 6.72 | | 0.940 |
| 21 | 12 | 76 | 1200 | | | .3 | | 105 | 0.70 | 9.0 | 23.0 | | 2.3 | 13 | 7.27 | | 0.040 |

| AVG OR GEOM MN (*) | | 105 | 5.20 | 9.0 | 27.5 | 2.5 | 13 | 7.50 | 0.30 | 0.940 |
|--------------------|--|-----|------|-----|------|-----|----|------|------|-------|
| MINIMUM | | 99 | 2.20 | 8.0 | 23.5 | 2.3 | 7D | 6.99 | 0.25 | 0.337 |
| | | 90 | 0.70 | 7.2 | 20.0 | 2.0 | 1 | 6.30 | 0.16 | 0.030 |

| NO OF SAMPLES | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 3 | 3 |
|---------------|---|---|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 01 | 76 | 1620 | | | .3 | | | | | | 15 | | | | | |
| 25 | 02 | 76 | 1630 | | | .3 | | | 27.0 | | | 5 | | | | | |
| 28 | 03 | 76 | 1105 | | | .3 | | | 25.0 | | | 5 | | | | | |
| 15 | 07 | 76 | 1000 | | | .3 | | | 29. | 9. | 1.55 | 5 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | 25.0 | 7.40 | 1.65 | 15 | | | | | |
| 21 | 12 | 76 | 1200 | | | .3 | | | 31.0 | 9.00 | 2.00 | 15 | | | | | |

| AVG OR GEOM MN (*) | | 31.0 | 9. | 2.00 | 15 |
|--------------------|--|------|------|------|----|
| MINIMUM | | 27.4 | 8.47 | 1.73 | 10 |
| | | 25.0 | 7.40 | 1.55 | 5 |

| NO OF SAMPLES | 5 | 3 | 3 | 6 |
|---------------|---|---|---|---|
|---------------|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 26 | 01 | 76 | 1620 | | | .3 | | | | | | | | | | 0.170 | |
| 25 | 02 | 76 | 1630 | | | .3 | | | | | | | | | | 0.160 | 0.020L |
| 28 | 03 | 76 | 1105 | | | .3 | | | | | | 0.010 | | | | 0.144 | |
| 15 | 07 | 76 | 1000 | | | .3 | | | | | | 0.030 | | | | 0.064 | 0.010L |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | 0.010L | | | | 0.196 | 0.010L |
| 21 | 12 | 76 | 1200 | | | .3 | | | | | | 0.020 | | | | 0.084 | 0.010L |

| AVG OR GEOM MN (*) | | 0.030 | 0.030 | 0.030 | 0.030 | 0.196 | 0.020 |
|--------------------|--|--------|--------|-------|-------|-------|--------|
| MINIMUM | | 0.018D | 0.020D | 0.010 | 0.010 | 0.136 | 0.013D |
| | | 0.010 | 0.010 | | | 0.064 | 0.010 |

| NO OF SAMPLES | 4 | 4 | 6 | 4 |
|---------------|---|---|---|---|
|---------------|---|---|---|---|

B.O.W. / SITE: FRESH WATER CANAL
SAMPLE POINT: FRESH WATER CANAL
STATION TYPE: RIVER

BEFORE NORDIC TREATMENT PLANT N 17
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STATION ID: 14-0019-042-02

STORET CODE: 02
002
8040

STN NO 42 LAT LONG U.T.M. 17 0377800.0 5137500.0 4 REGION 05 MILEAGE 45.20

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----------|----|-----------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 15 07 76 1200 | | .3 | | 14124 | | | | | | | | | 1.6 |
| 21 11 76 1200 | | .3 | | 14157 | | | | | | | | | 3.0 |
| 21 12 76 1200 | | .3 | | 14178 | | | | | | | | | |

MAXIMUM 3.0
AVG OR GEOM MN (*) 2.3
MINIMUM 1.6
NO OF SAMPLES 2

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|--------------|--------------------------|-----------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 15 07 76 1200 | | .3 | | 0.010 | 0.001L | 24.800 | 26.500 | 0.004 | 5.380 | 2116.0 | 16.5 | | |
| 21 11 76 1200 | | .3 | | 0.018 | 0.001L | 38.000 | 45.800 | 0.027 | 17.600 | 2093.0 | 25.0 | 2068 | |
| 21 12 76 1200 | | .3 | | 0.020 | 0.001L | | 39.700 | 0.002 | 15.300 | 2041.0 | 46.0 | | |

MAXIMUM 0.020 0.001 38.000 45.800 0.027 17.600 2116.0 46.0 2068
AVG OR GEOM MN (*) 0.016 0.001D 31.400 37.333 0.011 12.760 2083.3 29.2 2068
MINIMUM 0.010 0.001 24.800 26.500 0.002 5.380 2041.0 16.5 2068
NO OF SAMPLES 3 3 2 3 3 3 3 3 1

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-----------------|----------------------|---------------|---------------|---------------------------|--------------|---------------------|-----------|-----------------|-----------------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHO5 | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 15 07 76 1200 | | .3 | | 2450 | 21.00 | 38.5 | 1625.0 | | 350.0 | 0 | 3.15 | | 12.500 |
| 21 11 76 1200 | | .3 | | 2350 | 45.00 | 40.5 | 1200.0 | | 94.2 | 12 | 5.75 | | 37.500 |
| 21 12 76 1200 | | .3 | | 2300 | 110.00 | 39.0 | 1270.0 | | 92.0 | 3 | 5.24 | | 25.500 |

MAXIMUM 2450 110.00 40.5 1625.0 350.0 12 5.75 37.500
AVG OR GEOM MN (*) 2367 58.67 39.3 1365.0 178.7 5 4.71 25.167
MINIMUM 2300 21.00 38.5 1200.0 92.0 0 3.15 12.500
NO OF SAMPLES 3 3 3 3 3 3 3 3

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----------|----|--------------|----------------------|--------------------|----------------------|--------------------|------------------|----------------|---------------------|----------|------------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | POTASSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRABLES MG/L |
| 15 07 76 1200 | | .3 | | | 1184.0 | 260.00 | 130.00 | 30 | | | | | |
| 21 11 76 1200 | | .3 | | | 1163.0 | 250.00 | 131.00 | 70G | | | | | |
| 21 12 76 1200 | | .3 | | | 1110.0 | 273.00 | 104.00 | 70G | | | | | |

MAXIMUM 1184.0 273.00 131.00 70
AVG OR GEOM MN (*) 1152.3 261.00 121.67 57U
MINIMUM 1110.0 250.00 104.00 30
NO OF SAMPLES 3 3 3 3

| SAMP DTE HOUR | STN | STN SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 233 |
|---------------|------|-----------|----|--------------------|--------------------|---------------------|---------------------|-------------------|-----------------|--------------------|-----------------|---------------|-------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 15 07 76 1200 | | .3 | | | | | | 0.070 | | | 0.110 | 4.770 | 0.120 |
| 21 11 76 1200 | | .3 | | | | | | 0.020 | | | 0.060 | 3.850 | 0.060 |
| 21 12 76 1200 | | .3 | | | | | | | | | | 3.450 | |

MAXIMUM 0.070 0.110 4.770 0.120
AVG OR GEOM MN (*) 0.045 0.085 4.023 0.090
MINIMUM 0.020 0.060 3.450 0.060
NO OF SAMPLES 2 2 3 2

B.O.W. / SITE: NORTH NORDIC LAKE
 SAMPLE POINT: NORDIC LAKE OUTLET AT EFFLUENT CANAL N 19
 STATION TYPE: LAKE

STATION ID: 14-0019-043-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

STN NO 43 LAT LONG U.T.M. 17 0377700.0 5137100.0 4 REGION 05 MILEAGE 44.80

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 07 | 76 | 1230 | | | .3 | | 14125 | | | | | | | | | 0.4 |
| 21 | 12 | 76 | 1200 | | | .3 | | 14180 | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 07 | 76 | 1230 | | | .3 | | 0.004 | 0.001L | 4.500 | | 0.049 | 4.080 | | | | |
| 21 | 12 | 76 | 1200 | | | .3 | | 0.002 | 0.001L | | 11.500 | 0.300 | 8.400 | 1672.0 | 1.5 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 07 | 76 | 1230 | | | .3 | | 1300 | 3.30 | 24.5 | 800.0 | | 4.3 | | | | 0.570 |
| 21 | 12 | 76 | 1200 | | | .3 | | 1900 | 0.70 | 30.5 | 1110.0 | | 3.9 | 41 | 7.66 | | 0.030 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 15 | 07 | 76 | 1230 | | | .3 | | | 664.0 | 200.00 | 40.00 | | | | | | |
| 21 | 12 | 76 | 1200 | | | .3 | | | 1047.0 | 327.00 | 56.00 | 10 | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 15 | 07 | 76 | 1230 | | | .3 | | | | | | 0.010L | | | 0.010L | 0.550 | 0.010L |
| 21 | 12 | 76 | 1200 | | | .3 | | | | | | | | | | 0.181 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: WESTNER LAKE
 SAMPLE POINT: AT SKI CLUB ROAD N 15
 STATION TYPE: LAKE

STATION ID: 14-0019-044-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

STN NO 44 LAT LONG U.T.M. 17 0374975.0 5137700.0 4 REGION 05 MILEAGE 47.10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 15 | 07 | 76 | 1045 | | | .3 | | 14122 | | | | | | | | | 1.0 |
| 21 | 11 | 76 | 1200 | | | .3 | | 14155 | | | | | | | | | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 | 07 | 76 | 1045 | | | .3 | | 0.014 | 0.001 | 0.086 | 0.740 | 0.003 | 0.005 | 205.0 | 2.5 | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 0.012 | 0.001 | 0.128 | 0.640 | 0.002 | 0.013 | 360.0 | 15.0 | 345 | |
| MAXIMUM | | | | | | | | 0.014 | 0.001 | 0.128 | 0.740 | 0.003 | 0.013 | 360.0 | 15.0 | 345 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.013 | 0.001 | 0.107 | 0.690 | 0.003 | 0.009 | 282.5 | 8.8 | 345 | |
| MINIMUM | | | | | | | | 0.012 | 0.001 | 0.086 | 0.640 | 0.002 | 0.005 | 205.0 | 2.5 | 345 | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 | 07 | 76 | 1045 | | | .3 | | 310 | 1.70 | 58.0 | 47.5 | | 4.5 | 6 | 6.39 | | 9.900 |
| 21 | 11 | 76 | 1200 | | | .3 | | 440 | 1.20 | 100.0 | 37.5 | | 5.1 | 25 | 6.97 | | 1.140 |
| MAXIMUM | | | | | | | | 440 | 1.70 | 100.0 | 47.5 | | 5.1 | 25 | 6.97 | | 9.900 |
| AVG OR GEOM MN (*) | | | | | | | | 375 | 1.45 | 79.0 | 42.5 | | 4.8 | 16 | 6.68 | | 5.520 |
| MINIMUM | | | | | | | | 310 | 1.20 | 58.0 | 37.5 | | 4.5 | 6 | 6.39 | | 1.140 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 15 | 07 | 76 | 1045 | | | .3 | | | 61.0 | 17.00 | 4.50 | 40 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | | 72.0 | 19.00 | 6.00 | 40 | | | | | |
| MAXIMUM | | | | | | | | | 72.0 | 19.00 | 6.00 | 40 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 66.5 | 18.00 | 5.25 | 40 | | | | | |
| MINIMUM | | | | | | | | | 61.0 | 17.00 | 4.50 | 40 | | | | | |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 15 | 07 | 76 | 1045 | | | .3 | | | | | | 0.040 | | | 0.030 | 0.604 | 0.010 |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | | 0.010 | | | 0.020 | 0.188 | 0.010 |
| MAXIMUM | | | | | | | | | | | | 0.040 | | | 0.030 | 0.604 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.025 | | | 0.025 | 0.396 | 0.010 |
| MINIMUM | | | | | | | | | | | | 0.010 | | | 0.020 | 0.188 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | | | 2 | 2 | 2 |

B.O.W. / SITE: WILLIAMS LAKE CREEK
SAMPLE POINT: AT DENISON MINE ACCESS ROAD D 3
STATION TYPE: RIVER

STATION ID: 14-0019-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
B040

STN NO 45 LAT LONG U.T.M. 17 0374500.0 5150200.0 4 REGION 05 MILEAGE 56.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 14 | 07 | 76 | 1430 | | | .3 | | 14119 | 1 | | | | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 14148 | | | | | | | | | 1.6 |
| MAXIMUM | | | | | | | | | | | | | | | | | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | | 1.6 |
| MINIMUM | | | | | | | | | | | | | | | | | 1.6 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 14 | 07 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 20 | 11 | 76 | 1200 | | | .3 | | 0.010 | 0.004 | 0.022 | 0.940 | 0.001 | 0.339 | 1009.0 | 1.4 | | |
| MAXIMUM | | | | | | | | 0.010 | 0.004 | 0.022 | 0.940 | 0.001 | 0.339 | 1009.0 | 1.4 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.010 | 0.004 | 0.022 | 0.940 | 0.001 | 0.339 | 1009.0 | 1.4 | | |
| MINIMUM | | | | | | | | 0.010 | 0.004 | 0.022 | 0.940 | 0.001 | 0.339 | 1009.0 | 1.4 | | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 11 76 1200 | | | .3 | | 1600 | 0.60 | 380.0 | 200.0 | | 4.4 | 6 | 6.00 | | 0.120 |
| | | | | | MAXIMUM | | | | | | | | | |
| | | | | | 1600 | 0.60 | 380.0 | 200.0 | | 4.4 | 6 | 6.00 | | 0.120 |
| | | | | | AVG OR GEOM MN (") | | | | | 4.4 | 6 | 6.00 | | 0.120 |
| | | | | | MINIMUM | | | | | 4.4 | 6 | 6.00 | | 0.120 |
| | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |

| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|-------------------------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 20 11 76 1200 | | | .3 | | | 373.0 | 127.00 | 13.50 | 10 | | | | | |
| | | | | | | MAXIMUM | | | | | | | | |
| | | | | | | 373.0 | 127.00 | 13.50 | 10 | | | | | |
| | | | | | | AVG OR GEOM MN (") | | | | | | | | |
| | | | | | | 373.0 | 127.00 | 13.50 | 10 | | | | | |
| | | | | | | MINIMUM | | | | | | | | |
| | | | | | | 373.0 | 127.00 | 13.50 | 10 | | | | | |
| | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|-------------------------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 11 76 1200 | | | .3 | | | | | | 0.030 | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | MAXIMUM | | | | | |
| | | | | | | | | | 0.030 | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | AVG OR GEOM MN (") | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | 0.030 | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | MINIMUM | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | 0.030 | | | 0.040 | 0.103 | 0.010 |
| | | | | | | | | | NO OF SAMPLES | 1 | | 1 | 1 | 1 |

B.O.W./ SITE: PRONTO DITCH
SAMPLE POINT: AT FEED TO PRONTO TREATMENT PLANT PR 2
STATION TYPE: RIVER

STATION ID: 14-0019-047-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
B040

| | | | | | | | | | | | | | | |
|-------------------------------|-------------|------------|-----------------------|------|---------------------|---------------------------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| STN NO | 47 | LAT | | LONG | | U.T.M. 17 0368350.0 5118300.0 4 | | | | REGION 05 | | MILEAGE | | 1.40 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 15 07 76 1615 | | | .3 | | 14129 | | | | | | | | | 0.4 |
| 21 11 76 1200 | | | .3 | | 14161 | | | | | | | | | 4.5 |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM
NO OF SAMPLES

4.5
2.5
0.4
2

| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 15 07 76 1615 | | | .3 | | 0.012 | 0.001 | 1.140 | 1.490 | 0.002 | 0.018 | 1143.0 | 2.5 | | |
| 21 11 76 1200 | | | .3 | | 0.060 | 0.005 | 0.260 | 0.340 | 0.007 | 0.243 | 1514.0 | 7.1 | | |
| | | | | | MAXIMUM | | | | | | | | | |
| | | | | | 0.060 | 0.005 | 1.140 | 1.490 | 0.007 | 0.243 | 1514.0 | 7.1 | | |
| | | | | | AVG OR GEOM MN (") | | | | | | | | | |
| | | | | | 0.036 | 0.0030 | 0.700 | 0.915 | 0.005 | 0.131 | 1328.5 | 4.8 | | |
| | | | | | MINIMUM | | | | | | | | | |
| | | | | | 0.012 | 0.001 | 0.260 | 0.340 | 0.002 | 0.018 | 1143.0 | 2.5 | | |
| | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 15 07 76 1615 | | | .3 | | 1550 | 1.50 | 20.5 | 750.0 | | 390.0 | 0 | 2.94 | | 10.200 |
| 21 11 76 1200 | | | .3 | | 1750 | 2.00 | 32.0 | 775.0 | | 350.0 | 0 | 3.02 | | 52.000 |
| | | | | | MAXIMUM | | | | | | | | | |
| | | | | | 1750 | 2.00 | 32.0 | 775.0 | | 390.0 | 0 | 3.02 | | 52.000 |
| | | | | | AVG OR GEOM MN (") | | | | | 370.0 | 0 | 2.98 | | 31.100 |
| | | | | | MINIMUM | | | | | 350.0 | 0 | 2.94 | | 10.200 |
| | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|------|------|------|-------|--------------------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 15 | 07 | 76 | 1615 | | | .3 | | 560.0 | 150.00 | 45.00 | 5 | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 714.0 | 183.00 | 62.50 | 30 | | | | | |
| | | | | | | | MAXIMUM | 714.0 | 183.00 | 62.50 | 30 | | | | | |
| | | | | | | | AVG OR GEOM MN (") | 637.0 | 166.50 | 53.75 | 18 | | | | | |
| | | | | | | | MINIMUM | 560.0 | 150.00 | 45.00 | 5 | | | | | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | | | | | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|----|------|------|------|-------|--------------------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 15 | 07 | 76 | 1615 | | | .3 | | | | | 0.670 | | | 0.210 | 0.160 | 0.080 |
| 21 | 11 | 76 | 1200 | | | .3 | | | | | 0.740 | | | 0.200 | 2.800 | 0.100 |
| | | | | | | | MAXIMUM | | | | 0.740 | | | 0.210 | 2.800 | 0.100 |
| | | | | | | | AVG OR GEOM MN (") | | | | 0.705 | | | 0.205 | 1.480 | 0.090 |
| | | | | | | | MINIMUM | | | | 0.670 | | | 0.200 | 0.160 | 0.080 |
| | | | | | | | NO OF SAMPLES | | | | 2 | | | 2 | 2 | 2 |

B.O.W./ SITE: CROTCH LAKE

STATION ID: 14-0019-048-01

SAMPLE POINT: FEED TO TREATMENT PLANT NEAR CROTCH LAKE CL 1

MAJOR BASIN: GREAT LAKES

STORET CODE: 02

STATION TYPE: LAKE

MINOR BASIN: LAKE HURON

002

TERM STREAM: SERPENT RIVER

8040

| | | | | | | | | | | |
|--------|----|-----|------|-----------|-----------|-----------|---|-----------|---------|-------|
| STN NO | 48 | LAT | LONG | U.T.M. 17 | 0376000.0 | 5141575.0 | 4 | REGION 05 | MILEAGE | 46.10 |
|--------|----|-----|------|-----------|-----------|-----------|---|-----------|---------|-------|

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|------|------|------|-------|--------------------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 13 | 07 | 76 | 1400 | | | .3 | 14105 | | | | | | | 26.0 | 0.0 | 60.0 |
| 21 | 11 | 76 | 1200 | | | .3 | 14151 | | | | | | | | | 10.0 |
| | | | | | | | MAXIMUM | | | | | | | 26.0 | 0.00 | 60.0 |
| | | | | | | | AVG OR GEOM MN (") | | | | | | | 26.0 | 0.0 | 35.0 |
| | | | | | | | MINIMUM | | | | | | | 26.0 | 0.0 | 10.0 |
| | | | | | | | NO OF SAMPLES | | | | | | | 1 | 1 | 2 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|--------------------|----------|----------|----------|----------|----------|---------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 | 07 | 76 | 1400 | | | .3 | 0.100 | 0.001 | 28.000 | 33.500 | 0.005 | 0.025 | 19121.0 | 95.0 | | |
| 21 | 11 | 76 | 1200 | | | .3 | 0.042 | 0.007 | 37.500 | 54.000 | 0.014 | 0.036 | 23391.0 | 89.0 | 23302 | |
| | | | | | | | MAXIMUM | 0.100 | 0.007 | 37.500 | 54.000 | 0.014 | 0.036 | 95.0 | 23302 | |
| | | | | | | | AVG OR GEOM MN (") | 0.071 | 0.004 | 32.750 | 43.750 | 0.010 | 0.031 | 92.0 | 23302 | |
| | | | | | | | MINIMUM | 0.042 | 0.001 | 28.000 | 33.500 | 0.005 | 0.025 | 89.0 | 23302 | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|--------------------|----------|----------|----------|----------|---------|---------|--------|-------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 | 07 | 76 | 1400 | | | .3 | 10000 | 45.00 | 45.0 | 8500.0 | | 8900.0 | 0 | 2.43 | | 4300.000 |
| 21 | 11 | 76 | 1200 | | | .3 | 13000 | 7.00 | 65.0 | 11300.0 | | | 0 | 2.42 | | 13250.00 |
| | | | | | | | MAXIMUM | 13000 | 45.00 | 65.0 | 11300.0 | 8900.0 | 0 | 2.43 | | 13250.00 |
| | | | | | | | AVG OR GEOM MN (") | 11500 | 26.00 | 55.0 | 9900.0 | 8900.0 | 0 | 2.43 | | 8775.000 |
| | | | | | | | MINIMUM | 10000 | 7.00 | 45.0 | 8500.0 | 8900.0 | 0 | 2.42 | | 4300.000 |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 1 | 2 | 2 | | 2 |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|------|------|------|-------|--------------------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 13 | 07 | 76 | 1400 | | | .3 | | 2547.0 | 555.00 | 282.00 | | | | | | |
| 21 | 11 | 76 | 1200 | | | .3 | | 2562.0 | 436.00 | 358.00 | 70G | | | | | |
| | | | | | | | MAXIMUM | 2562.0 | 555.00 | 358.00 | 70 | | | | | |
| | | | | | | | AVG OR GEOM MN (") | 2554.5 | 495.50 | 320.00 | 70U | | | | | |
| | | | | | | | MINIMUM | 2547.0 | 436.00 | 282.00 | 70 | | | | | |
| | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 1 | | | | | |

B.O.W. / SITE: BUD LAKE TAILINGS
 SAMPLE POINT: EFFLUENT FROM BUD LAKE AT DAM "E"
 STATION TYPE: LAKE

STATION ID: 14-0019-051-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

| STN NO | 51 | LAT | LONG | U.T.M. 17 0373100.0 5151650.0 4 | REGION 05 | MILEAGE | 55.80 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 07 76 1515 | | | .3 | | 14102 | | | | | | | 22.0 | 9.0 | 0.2 |
| 28 09 76 1200 | | | .3 | | 14134 | | | | | | | | | 0.6 |
| 20 11 76 1200 | | | .3 | | 14141 | | | | | | | | | 2.0 |
| 09 12 76 1200 | | | .3 | | 14167 | | | | | | | | | 0.2 |
| MAXIMUM | | | | | | | | | | | | 22.0 | 9.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 22.0 | 9.0 | 0.8 |
| MINIMUM | | | | | | | | | | | | 22.0 | 9.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | 1 | 1 | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 07 76 1515 | | | .3 | | 0.005 | 0.004 | 20.500 | 23.800 | 12.000 | 67.000 | 2859.0 | 6.9 | | |
| 28 09 76 1200 | | | .3 | | 0.034 | | 17.400 | 21.500 | 13.000 | 67.000 | 2815.0 | 9.5 | | |
| 20 11 76 1200 | | | .3 | | 0.025 | | 24.000 | 25.000 | 15.500 | 87.000 | 2834.0 | 7.8 | | |
| 09 12 76 1200 | | | .3 | | 0.023 | | 28.000 | 28.500 | 16.000 | 62.000 | 3023.0 | 66.0 | | |
| MAXIMUM | | | | | 0.034 | 0.004 | 28.000 | 28.500 | 16.000 | 87.000 | 3023.0 | 66.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.022 | 0.004 | 22.475 | 24.700 | 14.125 | 70.750 | 2882.8 | 22.6 | | |
| MINIMUM | | | | | 0.005 | 0.004 | 17.400 | 21.500 | 12.000 | 62.000 | 2815.0 | 6.9 | | |
| NO OF SAMPLES | | | | | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 07 76 1515 | | | .3 | | 2850 | 3.70 | 14.0 | 1600.0 | | 6.6 | 29 | 7.82 | | 0.660 |
| 28 09 76 1200 | | | .3 | | 2900 | 24.00 | 13.5 | 1400.0 | | 2.3 | 15 | 6.41 | | 0.430 |
| 20 11 76 1200 | | | .3 | | 3050 | 12.00 | 15.0 | 1410.0 | | 17.2 | 23 | 6.92 | | 1.450 |
| 09 12 76 1200 | | | .3 | | 3100 | 12.00 | 16.0 | 1675.0 | | 8.0 | 28 | 7.36 | | 1.480 |
| MAXIMUM | | | | | 3100 | 24.00 | 16.0 | 1675.0 | | 17.2 | 29 | 7.82 | | 1.480 |
| AVG OR GEOM MN (*) | | | | | 2975 | 12.93 | 14.6 | 1521.3 | | 8.5 | 24 | 7.13 | | 1.005 |
| MINIMUM | | | | | 2850 | 3.70 | 13.5 | 1400.0 | | 2.3 | 15 | 6.41 | | 0.430 |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | | 4 | 4 | 4 | | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
| 12 07 76 1515 | | | .3 | | | 1613.0 | | | 10 | | | | | |
| 28 09 76 1200 | | | .3 | | | 1501.0 | 583.00 | 11.00 | 70G | | | | | |
| 20 11 76 1200 | | | .3 | | | 1582.0 | 613.00 | 12.50 | 40 | | | | | |
| 09 12 76 1200 | | | .3 | | | 1682.0 | | | 40 | | | | | |
| MAXIMUM | | | | | | 1682.0 | 613.00 | 12.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | 1594.5 | 598.00 | 11.75 | 40U | | | | | |
| MINIMUM | | | | | | 1501.0 | 583.00 | 11.00 | 10 | | | | | |
| NO OF SAMPLES | | | | | | 4 | 2 | 2 | 4 | | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 12 07 76 1515 | | | .3 | | | | | | 0.050 | | | 0.020 | 0.310 | 0.010 |
| 28 09 76 1200 | | | .3 | | | | | | 0.030 | | | 0.040 | 0.520 | 0.020 |
| 20 11 76 1200 | | | .3 | | | | | | 0.030 | | | 0.010L | 0.355 | 0.010L |
| 09 12 76 1200 | | | .3 | | | | | | 0.040 | | | 0.030 | | 0.020 |
| MAXIMUM | | | | | | | | | 0.050 | | | 0.040 | 0.520 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | 0.038 | | | 0.025D | 0.395 | 0.015D |
| MINIMUM | | | | | | | | | 0.030 | | | 0.010 | 0.310 | 0.010 |
| NO OF SAMPLES | | | | | | | | | 4 | | | 4 | 3 | 4 |

B.O.W. / SITE: ROCHESTER CREEK
 SAMPLE POINT: STRIKE LAKE OUTLET AT NO 3 BEAVER POND P3
 STATION TYPE: RIVER

STATION ID: 14-0019-C52-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

| STN NO | 52 | LAT | LONG | U.T.M. 17 0383050.0 5152125.0 4 | | | | | | | REGION 05 | MILEAGE | 51.40 | | | | | |
|--------------------|--------|---------|------|---------------------------------|---------|-----------------|----|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|-----|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 14 | 07 | 76 | 1100 | | | .3 | | 14111 | | | | | | | 2.5 | 0.0 | 6.0 | |
| MAXIMUM | | | | | | | | | | | | | | | | 2.5 | 0.00 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | 2.5 | 0.0 | 6.0 |
| MINIMUM | | | | | | | | | | | | | | | | 2.5 | 0.0 | 6.0 |
| NO OF SAMPLES | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 14 | 07 | 76 | 1100 | | | .3 | | 0.012 | 0.010 | 2.00 | 2.50 | 0.112 | 0.005L | 5931. | 31. | | | |
| MAXIMUM | | | | | | | | 0.012 | 0.010 | 2.00 | 2.50 | 0.112 | 0.005 | 5931. | 31. | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.012 | 0.010 | 2.00 | 2.50 | 0.112 | 0.0050 | 5931. | 31. | | | |
| MINIMUM | | | | | | | | 0.012 | 0.010 | 2.00 | 2.50 | 0.112 | 0.005 | 5931. | 31. | | | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 14 | 07 | 76 | 1100 | | | .3 | | 4075 | 15. | 3.4 | 3250. | | 2900. | 0 | 2.55 | | 680. | |
| MAXIMUM | | | | | | | | 4075 | 15. | 3.4 | 3250. | | 2900. | 0 | 2.55 | | 680. | |
| AVG OR GEOM MN (*) | | | | | | | | 4075 | 15. | 3.4 | 3250. | | 2900. | 0 | 2.55 | | 680. | |
| MINIMUM | | | | | | | | 4075 | 15. | 3.4 | 3250. | | 2900. | 0 | 2.55 | | 680. | |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L | |
| 14 | 07 | 76 | 1100 | | | .3 | | | 949. | 225. | 94.0 | | | | | | | |
| MAXIMUM | | | | | | | | | 949. | 225. | 94.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 949. | 225. | 94.0 | | | | | | | |
| MINIMUM | | | | | | | | | 949. | 225. | 94.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | | 1 | 1 | 1 | | | | | | | |
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L | |
| 14 | 07 | 76 | 1100 | | | .3 | | | | | | 0.070 | | | 0.480 | 6.61 | 0.570 | |
| MAXIMUM | | | | | | | | | | | | 0.070 | | | 0.480 | 6.61 | 0.670 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 0.070 | | | 0.480 | 6.61 | 0.670 | |
| MINIMUM | | | | | | | | | | | | 0.070 | | | 0.480 | 6.61 | 0.570 | |
| NO OF SAMPLES | | | | | | | | | | | | 1 | | | 1 | 1 | | |

B.O.W. / SITE: ROCHESTER CREEK
 SAMPLE POINT: PANEL STRIKE LAKE OUTLET P 2
 STATION TYPE: RIVER

STATION ID: 14-0019-C53-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SERPENT RIVER

STORET CODE: 02
 002
 8040

| STN NO | 53 | LAT | LONG | U.T.M. 17 0382350.0 5152900.0 4 | | | | REGION 05 | | MILEAGE | 52.00 | | | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 07 76 1850 | | | .3 | | 14108 | | | | | | | | | 1.0 |
| MAXIMUM | | | | | | | | | | | | | | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 1.0 |
| MINIMUM | | | | | | | | | | | | | | 1.0 |
| NO OF SAMPLES | | | | | | | | | | | | | | 1 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|--------------------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 07 76 1850 | | | .3 | | 0.004 | 0.001 | 0.240 | 0.610 | 0.001 | 0.130 | 401.0 | 1.0 | | |
| | | | MAXIMUM | | 0.004 | 0.001 | 0.240 | 0.610 | 0.001 | 0.130 | 401.0 | 1.0 | | |
| | | | AVG OR GEOM MN (*) | | 0.004 | 0.001 | 0.240 | 0.610 | 0.001 | 0.130 | 401.0 | 1.0 | | |
| | | | MINIMUM | | 0.004 | 0.001 | 0.240 | 0.610 | 0.001 | 0.130 | 401.0 | 1.0 | | |
| | | | NO OF SAMPLES | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|--------------------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 13 07 76 1850 | | | .3 | | 530 | 1.20 | 2.3 | 300.0 | | 28.0 | 0 | 3.79 | | 0.420 |
| | | | MAXIMUM | | 530 | 1.20 | 2.3 | 300.0 | | 28.0 | 0 | 3.79 | | 0.420 |
| | | | AVG OR GEOM MN (*) | | 530 | 1.20 | 2.3 | 300.0 | | 28.0 | 0 | 3.79 | | 0.420 |
| | | | MINIMUM | | 530 | 1.20 | 2.3 | 300.0 | | 28.0 | 0 | 3.79 | | 0.420 |
| | | | NO OF SAMPLES | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|--------------------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | MG/L | | MG/L |
| 13 07 76 1850 | | | .3 | | | 230.0 | 84.00 | 4.80 | 10 | | | | | |
| | | | MAXIMUM | | | 230.0 | 84.00 | 4.80 | 10 | | | | | |
| | | | AVG OR GEOM MN (*) | | | 230.0 | 84.00 | 4.80 | 10 | | | | | |
| | | | MINIMUM | | | 230.0 | 84.00 | 4.80 | 10 | | | | | |
| | | | NO OF SAMPLES | | | 1 | 1 | 1 | 1 | | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|--------------------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | NN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 07 76 1850 | | | .3 | | | | | | 0.040 | | | 0.080 | 0.370 | 0.030 |
| | | | MAXIMUM | | | | | | 0.040 | | | 0.080 | 0.370 | 0.030 |
| | | | AVG OR GEOM MN (*) | | | | | | 0.040 | | | 0.080 | 0.370 | 0.030 |
| | | | MINIMUM | | | | | | 0.040 | | | 0.080 | 0.370 | 0.030 |
| | | | NO OF SAMPLES | | | | | | 1 | | | 1 | 1 | 1 |

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT WEBBWOOD BRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 1 LAT LONG U.T.M. 17 0432550.0 5123550.0 4 REGION 05 MILEAGE 25.80

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | RCS | 3 | 1 |
|---------------|------|-----|--------------------|----|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BCD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 10 01 76 0900 | | | .3 | | 16400 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 08 02 76 0920 | | | .3 | | 16456 | 4 6 8 | | 100. L | 100. L | 10. L | | 0.0 | 11.0 | 0.8 |
| 07 03 76 0905 | | | .3 | | 16497 | 4 6 8 | | 18000. | 10. L | 80. | | 0.0 | 10.0 | 4.0 |
| 03 04 76 0930 | | | .3 | | 16524 | 6 8 3 | | 200. | 10. | 10. L | | 0.0 | 11.0 | 1.2 |
| | | | MAXIMUM | | | | | 18000. | 100. | 80. | | 0.00 | 11.0 | 4.0 |
| | | | AVG OR GEOM MN (*) | | | | | 711. * D | 22. * D | 20. * D | | 0.0 | 10.8 | 1.7 |
| | | | MINIMUM | | | | | 100. | 10. | 10. | | 0.0 | 10.0 | 0.6 |
| | | | NO OF SAMPLES | | | | | 3 | 3 | 3 | | 4 | 4 | 4 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|--------------------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 01 76 0900 | | | .3 | | 0.012 | 0.001 | 0.250 | 0.730 | 0.004 | 0.210 | | | | |
| 08 02 76 0920 | | | .3 | | 0.018 | 0.007 | 0.160 | 0.440 | 0.003 | 0.182 | | | | |
| 07 03 76 0905 | | | .3 | | 0.015 | 0.003 | 0.156 | 0.500 | 0.004 | 0.211 | | | | |
| 03 04 76 0930 | | | .3 | | 0.023 | 0.002 | 0.098 | 1.150 | 0.005 | 0.355 | | | | |
| | | | MAXIMUM | | 0.023 | 0.007 | 0.250 | 1.150 | 0.005 | 0.355 | | | | |
| | | | AVG OR GEOM MN (*) | | 0.017 | 0.003 | 0.166 | 0.705 | 0.004 | 0.240 | | | | |
| | | | MINIMUM | | 0.012 | 0.001 | 0.098 | 0.440 | 0.003 | 0.182 | | | | |
| | | | NO OF SAMPLES | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 10 01 76 0900 | | | .3 | | 155 | 1.00 | 4.0 | 28.0 | | | | | | |
| 08 02 76 0920 | | | .3 | | 100 | 1.00 | 3.3 | 22.5 | | | | | | |
| 07 03 76 0905 | | | .3 | | 120 | 1.60 | 8.8 | 23.5 | | | | | | |
| 03 04 76 0930 | | | .3 | | 205 | 3.50 | 10.5 | 58.0 | | | | | | |

| | | | | |
|--------------------|-----|------|------|------|
| MAXIMUM | 205 | 3.50 | 10.5 | 58.0 |
| AVG OR GEOM MN (*) | 145 | 1.78 | 6.7 | 33.0 |
| MINIMUM | 100 | 1.00 | 3.3 | 22.5 |

| | | | | |
|---------------|---|---|---|---|
| NO OF SAMPLES | 4 | 4 | 4 | 4 |
|---------------|---|---|---|---|

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 10 | 01 | 76 | 0900 | | | .3 | | | | | | 0.010 | | | 0.010 | | 0.070 |
| 08 | 02 | 76 | 0920 | | | .3 | | | | | | 0.010L | | | 0.010L | | 0.070 |
| 07 | 03 | 76 | 0905 | | | .3 | | | | | | 0.010L | | | 0.040L | | 0.060 |
| 03 | 04 | 76 | 0930 | | | .3 | | | | | | 0.050 | | | 0.020 | | 0.160 |
| | | | | | | | | MAXIMUM | | | | 0.050 | | | 0.040 | | 0.160 |
| | | | | | | | | AVG OR GEOM MN (*) | | | | 0.020D | | | 0.020D | | 0.090 |
| | | | | | | | | MINIMUM | | | | 0.010 | | | 0.010 | | 0.060 |
| | | | | | | | | NO OF SAMPLES | | | | 4 | | | 4 | | 4 |

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: HIGHWAY 17, 8 MILES EAST OF JUNCTION 68 AND 17
STATION TYPE: RIVER

STATION ID: 14-0028-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| | | | | | | | |
|--------|---|-----|------|---------------------------------|-----------|---------|-------|
| STN NO | 2 | LAT | LONG | U.T.M. 17 0448000.0 5127525.0 4 | REGION 05 | MILEAGE | 38.40 |
|--------|---|-----|------|---------------------------------|-----------|---------|-------|

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 01 | 76 | 1055 | | | .3 | | 16402 | 4 6 8 | | | | | | 0.0 | 11.0 | |
| 08 | 02 | 76 | 1110 | | | .3 | | 16458 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.8 |
| 07 | 03 | 76 | 1115 | | | .3 | | 16499 | 4 6 8 | | 10. L | 10. L | 10. L | | 0.0 | 11.0 | 0.4 |
| 03 | 04 | 76 | 1145 | | | .3 | | 16526 | 3 6 8 | | 150. | 1. | 1. | | 0.0 | 12.0 | |
| 29 | 04 | 76 | 1630 | | | .3 | | 16579 | 6 8 9 | | | | | | 2.0 | 12.0 | 0.2 |
| 30 | 05 | 76 | 1400 | | | .3 | | 16618 | 6 8 | | 10. L | 1. | 1. | | 5.0 | 12.0 | 0.4 |
| 26 | 06 | 76 | 1055 | | | .3 | | 16645 | 6 8 | | 16. | | 1. | | 10.0 | 13.0 | 0.4 |
| 06 | 08 | 76 | 1100 | | | .3 | | 16662 | 6 8 | | | | | | 18.0 | 12.0 | 0.2 |
| 06 | 09 | 76 | 1040 | | | .3 | | 16713 | 6 8 | | 300. | 1. | 1. | | 16.0 | 12.0 | 0.4 |
| 11 | 10 | 76 | 0945 | | | .3 | | 16752 | 6 8 | | 690. | 1. | 1. | | 3.0 | 12.0 | 1.0 |
| 11 | 11 | 76 | 1055 | | | .3 | | 16798 | 6 8 | | | | | | 0.0 | 11.0 | 0.9 |
| 11 | 12 | 76 | 1125 | | | .3 | | 16834 | 4 6 8 | | 10. | 2. L | 2. L | | 0.0 | 12.0 | 0.4 |
| | | | | | | | | MAXIMUM | | | 690. | 10. | 10. | | 18.0 | 13.0 | 1.0 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 29.* D | 2.* D | 1.* D | | 4.5 | 11.8 | 0.5 |
| | | | | | | | | MINIMUM | | | 1. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| | | | | | | | | NO OF SAMPLES | | | 8 | 7 | 8 | | 12 | 12 | 10 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 01 | 76 | 1055 | | | .3 | | | | | | | | | | | |
| 08 | 02 | 76 | 1110 | | | .3 | | 0.015 | 0.009 | 0.020 | 0.290 | 0.004 | 0.101 | | 1.0L | | |
| 07 | 03 | 76 | 1115 | | | .3 | | 0.012 | 0.002 | 0.012 | 0.250 | 0.003 | 0.102 | | 1.3 | | 36 |
| 03 | 04 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 29 | 04 | 76 | 1630 | | | .3 | | 0.010 | 0.002 | 0.034 | 0.280 | 0.003 | 0.072 | | 4.1 | | 29 |
| 30 | 05 | 76 | 1400 | | | .3 | | 0.007 | 0.001 | 0.010 | 0.260 | 0.003 | 0.027 | | 2.5 | | |
| 26 | 06 | 76 | 1055 | | | .3 | | 0.005 | 0.001 | 0.014 | 0.310 | 0.002 | 0.033 | | 34.0 | | |
| 06 | 08 | 76 | 1100 | | | .3 | | 0.076 | 0.004 | 0.014 | 0.210 | 0.002 | 0.013 | | 34.0 | | 0.6 |
| 06 | 09 | 76 | 1040 | | | .3 | | 0.011 | 0.003 | 0.028 | 0.220 | 0.001 | 0.034 | | 46.0 | | 6.7 |
| 11 | 10 | 76 | 0945 | | | .3 | | 0.006 | 0.002 | 0.010 | 0.220 | 0.001 | 0.039 | | 40.0 | | 0.5 |
| 11 | 11 | 76 | 1055 | | | .3 | | 0.004 | 0.002 | 0.016 | 0.140 | 0.002 | 0.023 | | 41.0 | | 4.6 |
| 11 | 12 | 76 | 1125 | | | .3 | | 0.005 | 0.002 | 0.018 | 0.190 | 0.001 | 0.005L | | 37.0 | | 1.2 |
| | | | | | | | | MAXIMUM | | | 0.310 | 0.004 | 0.102 | | 46.0 | | 36 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 0.237 | 0.002 | 0.045D | | 38.1 | | 33 |
| | | | | | | | | MINIMUM | | | 0.140 | 0.001 | 0.005 | | 34.0 | | 29 |
| | | | | | | | | NO OF SAMPLES | | | 10 | 10 | 10 | | 8 | | 2 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 01 | 76 | 1055 | | | .3 | | 54 | | | 11.0 | 2.30 | | | | | |
| 08 | 02 | 76 | 1110 | | | .3 | | 70 | 0.88 | 1.0 | 10.0 | 2.30 | | | | | |
| 07 | 03 | 76 | 1115 | | | .3 | | 56 | 0.85 | 0.8 | 10.0 | 2.25 | 3.0 | 13 | 7.00 | 0.15 | |
| 03 | 04 | 76 | 1145 | | | .3 | | | | | | 2.10 | 2.6 | 17 | 7.00 | 0.15 | |
| 29 | 04 | 76 | 1630 | | | .3 | | 44 | 1.60 | 0.7 | 9.5 | | | | | | |
| 30 | 05 | 76 | 1400 | | | .3 | | 49 | 1.00 | 0.9 | 9.0 | | | | | | |
| 26 | 06 | 76 | 1055 | | | .3 | | 52 | 1.40 | 12.0 | 10.0 | | | | | | |
| 06 | 08 | 76 | 1100 | | | .3 | | 50 | 0.80 | 0.8 | 9.5 | | | | | | |
| 06 | 09 | 76 | 1040 | | | .3 | | 60 | 1.40 | 0.9 | 10.0 | | | | | | |
| 11 | 10 | 76 | 0945 | | | .3 | | 60 | 1.50 | 0.7 | 9.0 | | | | | | |
| 11 | 11 | 76 | 1055 | | | .3 | | 56 | 0.80 | 0.8 | 9.5 | | | | | | |
| 11 | 12 | 76 | 1125 | | | .3 | | 55 | 0.70 | 0.7 | 10.0 | | | | | | |
| | | | | | | | | MAXIMUM | | | 11.0 | 2.30 | | | 7.00 | 0.15 | |
| | | | | | | | | AVG OR GEOM MN (*) | | | 9.7 | 2.24 | | | 7.00 | 0.15 | |
| | | | | | | | | MINIMUM | | | 9.0 | 2.10 | | | 7.00 | 0.15 | |
| | | | | | | | | NO OF SAMPLES | | | 12 | 4 | | 2 | 2 | 2 | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 10 | 01 | 76 | 1055 | | .3 | | 3.0 | | 5.40 | 1.80 | | 0.40 | 1.50 | | 22 | |
| 08 | 02 | 76 | 1110 | | .3 | | 1.0L | 22.0 | 5.90 | 1.70 | 15 | 0.43 | 1.60 | | 20 | |
| 07 | 03 | 76 | 1115 | | .3 | | 1.0L | 20.0 | 5.70 | 1.35 | 20 | 0.50 | 1.50 | | 22 | |
| 03 | 04 | 76 | 1145 | | .3 | | 1.0L | | 7.10 | 1.50 | | 0.45 | 1.50 | | 16 | |
| 29 | 04 | 76 | 1630 | | .3 | | 1.0L | | | | | | | | | |
| 30 | 05 | 76 | 1400 | | .3 | | 1.0 | | | | | | | | | |
| 26 | 06 | 76 | 1055 | | .3 | | 1.0 | | | | | | | | | |
| 06 | 08 | 76 | 1100 | | .3 | | 1.0L | | | | | | | | | |
| 06 | 09 | 76 | 1040 | | .3 | | 4.0 | | | | | | | | | |
| 11 | 10 | 76 | 0945 | | .3 | | 2.0 | | | | | | | | | |
| 11 | 11 | 76 | 1055 | | .3 | | 3.0 | | | | | | | | | |
| 11 | 12 | 76 | 1125 | | .3 | | 1.0 | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|------|------|------|----|------|------|--|----|--|
| MAXIMUM | | | | | | | 4.0 | 22.0 | 7.10 | 1.80 | 20 | 0.50 | 1.60 | | 22 | |
| AVG OR GEOM MN (*) | | | | | | | 1.7D | 21.0 | 6.03 | 1.59 | 18 | 0.45 | 1.53 | | 20 | |
| MINIMUM | | | | | | | 1.0 | 20.0 | 5.40 | 1.35 | 15 | 0.40 | 1.50 | | 16 | |
| NO OF SAMPLES | | | | | | | 12 | 2 | 4 | 4 | 2 | 4 | 4 | | 4 | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 10 | 01 | 76 | 1055 | | .3 | | | | 0.030 | | 0.010 | | | 0.010L | 0.012 | 0.020L |
| 08 | 02 | 76 | 1110 | | .3 | | | | 0.070 | | 0.010L | | | 0.010L | | 0.020L |
| 07 | 03 | 76 | 1115 | | .3 | | | | 0.050L | | 0.010L | | | 0.020L | 0.022 | 0.020L |
| 03 | 04 | 76 | 1145 | | .3 | | | | 0.320 | | 0.020L | | | 0.160 | 0.050 | 0.020L |
| 29 | 04 | 76 | 1630 | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.030 | | 0.010L |
| 30 | 05 | 76 | 1400 | | .3 | 0.001L | | | | 0.030 | 0.010L | | | 0.010L | | 0.020 |
| 26 | 06 | 76 | 1055 | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.070 | | 0.010L |
| 06 | 08 | 76 | 1100 | | .3 | 0.001L | | | | 0.010L | 0.050 | 0.010L | | 0.010L | | 0.010L |
| 06 | 09 | 76 | 1040 | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.020 |
| 11 | 10 | 76 | 0945 | | .3 | 0.001L | | | | 0.030 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 11 | 11 | 76 | 1055 | | .3 | 0.001L | | | | 0.010 | 0.030 | 0.010L | | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--------|--|--------|--------|--------|--------|--|--------|-------|--------|
| MAXIMUM | | | | | | | 0.001 | | 0.320 | 0.030 | 0.050 | 0.010 | | 0.160 | 0.050 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | | 0.118D | 0.016D | 0.024D | 0.010D | | 0.033D | 0.028 | 0.015D |
| MINIMUM | | | | | | | 0.001 | | 0.030 | 0.010 | 0.010 | 0.010 | | 0.010 | 0.012 | 0.010 |
| NO OF SAMPLES | | | | | | | 7 | | 4 | 7 | 11 | 7 | | 11 | 3 | 11 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|------------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 10 | 01 | 76 | 1055 | | .3 | | 0.1 | | | | | | | | | 16402 |
| 08 | 02 | 76 | 1110 | | .3 | | 0.1 | | | | | | | | | 16458 |
| 07 | 03 | 76 | 1115 | | .3 | | 0.1L | | | | | | | | | 16499 |
| 03 | 04 | 76 | 1145 | | .3 | | 0.1 | | | | | | | | | 16526 |
| 29 | 04 | 76 | 1630 | | .3 | | | | | | | | | | | 16579 |
| 30 | 05 | 76 | 1400 | | .3 | | | | | | | | | | | 16618 |
| 26 | 06 | 76 | 1055 | | .3 | | | | | | | | | | | 16645 |
| 06 | 08 | 76 | 1100 | | .3 | | | | | | | | | | | 16662 |
| 06 | 09 | 76 | 1040 | | .3 | | | | | | | | | | | 16713 |
| 11 | 10 | 76 | 0945 | | .3 | | | | | | | | | | | 16752 |
| 11 | 11 | 76 | 1055 | | .3 | | | | | | | | | | | 16798 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | 0.1 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.1D | | | | | | | | | |
| MINIMUM | | | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 4 | | | | | | | | | |

B.O.W. / SITE: JUNCTION CREEK
SAMPLE POINT: AT OUTLET OF KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 3 LAT LONG U.T.M. 17 0492550.0 5141350.0 4 REGION 05 MILEAGE 76.40

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1525 | | .3 | | 16430 | 4 | 6 | 8 | | | | 0.0 | 9.0 | 2.4 |
| 21 | 02 | 76 | 1510 | | .3 | | 16472 | 4 | 6 | 8 | | | | 0.0 | 9.0 | 4.6 |
| 20 | 03 | 76 | 1430 | | .3 | | 16513 | 6 | 8 | | 50. | 8. | 12. | 0.0 | 9.0 | 2.4 |
| 24 | 04 | 76 | 1345 | | .3 | | 16553 | 3 | 6 | 8 | 10. | 8. | 1. | 3.0 | 8.0 | 6.0 |
| 23 | 05 | 76 | 1350 | | .3 | | 16592 | 6 | 8 | | 36. | 1. | 1. | 6.0 | 9.0 | 6.0 |
| 22 | 06 | 76 | 1335 | | .3 | | 16641 | 6 | 8 | | 4. | | | 12.0 | 8.0 | 6.0 |
| 14 | 08 | 76 | 1425 | | .3 | | 16687 | 6 | 8 | 0 | | | | 18.0 | 9.0 | 2.6 |
| 10 | 09 | 76 | 1410 | | .3 | | 16726 | 6 | 8 | | | | | 15.0 | 8.0 | 2.0 |
| 16 | 10 | 76 | 1520 | | .3 | | 16771 | 6 | 8 | | | | | 3.0 | 8.0 | 4.2 |
| 13 | 11 | 76 | 1510 | | .3 | | 16818 | 6 | 8 | 12. | 1. | 1. | | 0.0 | 9.0 | 2.2 |
| 18 | 12 | 76 | 0945 | | .3 | | 16854 | 6 | 8 | 48. | 2. | 6. | | 0.0 | 9.0 | 0.4 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|------|-----|-----|--|------|-----|-----|
| MAXIMUM | | | | | | | | | | 50. | 8. | 12. | | 18.0 | 9.0 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 19.* | 3.* | 2.* | | 5.2 | 8 | 3.5 |
| MINIMUM | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 8.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1525 | | | .3 | | 0.064 | 0.008 | 17.000 | 17.000 | 0.050 | 2.500 | | | | |
| 21 | 02 | 76 | 1510 | | | .3 | | 0.110 | 0.036 | 15.200 | 17.000 | 0.033 | 2.270 | | | | |
| 20 | 03 | 76 | 1430 | | | .3 | | 0.312 | 0.110 | 17.500 | 21.500 | 0.455 | 1.900 | | | | |
| 24 | 04 | 76 | 1345 | | | .3 | | 0.194 | 0.043 | 12.800 | 14.400 | 0.170 | 0.800 | 1001.0 | 62.0 | | |
| 23 | 05 | 76 | 1350 | | | .3 | | 0.185 | 0.001 | 10.700 | 15.000 | 0.190 | 1.710 | 1009.0 | 21.0 | | |
| 22 | 06 | 76 | 1335 | | | .3 | | 0.098 | 0.002 | 8.150 | 9.600 | 0.200 | 0.300 | 104.0 | 16.0 | | |
| 14 | 08 | 76 | 1425 | | | .3 | | 0.110 | 0.003 | 7.700 | 9.400 | 0.150 | 1.400 | 1215.0 | 6.8 | | |
| 10 | 09 | 76 | 1410 | | | .3 | | 0.103 | 0.002 | 8.600 | 11.300 | 0.570 | 3.430 | 1267.0 | 22.0 | | |
| 16 | 10 | 76 | 1520 | | | .3 | | 0.149 | 0.032 | 10.100 | 13.900 | 0.480 | 2.470 | 1209.0 | 6.4 | | |
| 13 | 11 | 76 | 1510 | | | .3 | | 0.154 | 0.018 | 12.600 | 13.200 | 0.180 | 0.820 | 1292.0 | 8.2 | | |
| 18 | 12 | 76 | 0945 | | | .3 | | 0.230 | 0.008 | 11.100 | 15.800 | 0.130 | 1.320 | 1368.0 | 8.7 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|--------|-------|-------|--------|------|--|--|
| MAXIMUM | | | | | | | | 0.312 | 0.110 | 17.500 | 21.500 | 0.570 | 3.430 | 1368.0 | 62.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.154 | 0.024 | 11.950 | 14.373 | 0.237 | 1.720 | 1058.1 | 18.9 | | |
| MINIMUM | | | | | | | | 0.064 | 0.001 | 7.700 | 9.400 | 0.033 | 0.300 | 104.0 | 6.4 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 8 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1525 | | | .3 | | 1600 | 2.80 | 115.0 | 750.0 | | | | 7.00 | | |
| 21 | 02 | 76 | 1510 | | | .3 | | 1700 | 2.60 | 110.0 | 540.0 | | | | 6.90 | | |
| 20 | 03 | 76 | 1430 | | | .3 | | 1700 | 4.60 | 120.0 | 700.0 | | | | 7.10 | | |
| 24 | 04 | 76 | 1345 | | | .3 | | 1300 | 17.00 | 95.0 | 610.0 | | | | 6.70 | | |
| 23 | 05 | 76 | 1350 | | | .3 | | 1350 | 5.40 | 100.0 | 625.0 | | 9.0 | 33 | 8.58 | 2.050 | |
| 22 | 06 | 76 | 1335 | | | .3 | | 1370 | 5.40 | 100.0 | 568.0 | | 1.7 | 23 | 8.28 | 0.380 | |
| 14 | 08 | 76 | 1425 | | | .3 | | 1580 | 3.40 | 100.0 | 705.0 | | 0.8 | 12 | 5.83 | 0.300 | |
| 10 | 09 | 76 | 1410 | | | .3 | | 1530 | 4.20 | 100.0 | 600.0 | | 7.1 | 6 | 6.24 | 0.240 | |
| 16 | 10 | 76 | 1520 | | | .3 | | 1600 | 3.80 | 95.0 | 750.0 | | 6.3 | 11 | 7.19 | 0.450 | |
| 13 | 11 | 76 | 1510 | | | .3 | | 1750 | 6.00 | 95.0 | 695.0 | | 5.7 | 22 | 7.15 | 0.360 | |
| 18 | 12 | 76 | 0945 | | | .3 | | 1800 | 7.60 | 95.0 | | | 8.0 | 29 | 7.10 | 0.920 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|-------|-------|-------|--|-----|----|------|--|-------|
| MAXIMUM | | | | | | | | 1800 | 17.00 | 120.0 | 750.0 | | 9.0 | 35 | 8.58 | | 2.050 |
| AVG OR GEOM MN (*) | | | | | | | | 1571 | 5.71 | 102.3 | 656.3 | | 5.8 | 21 | 7.10 | | 0.753 |
| MINIMUM | | | | | | | | 1300 | 2.60 | 95.0 | 540.0 | | 0.8 | 6 | 5.83 | | 0.240 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 10 | | 8 | 8 | 11 | | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1525 | | | .3 | | | | | | | | | | | |
| 21 | 02 | 76 | 1510 | | | .3 | | | | | | | | | | | |
| 20 | 03 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 1345 | | | .3 | | | | | | | | | | | |
| 23 | 05 | 76 | 1350 | | | .3 | | 1.0 | 367.0 | | | 15 | | | | | |
| 22 | 06 | 76 | 1335 | | | .3 | | 1.0L | 410.0 | | | | | | | | |
| 14 | 08 | 76 | 1425 | | | .3 | | 1.0L | 430.0 | 135.00 | 22.50 | 70 | | | | | |
| 10 | 09 | 76 | 1410 | | | .3 | | 1.0L | 329.0 | 88.00 | 26.50 | 15 | | | | | |
| 16 | 10 | 76 | 1520 | | | .3 | | 1.0L | 479.0 | 145.00 | 28.50 | 15 | | | | | |
| 13 | 11 | 76 | 1510 | | | .3 | | 1.0 | 539.0 | 173.00 | 26.00 | 20 | | | | | |
| 18 | 12 | 76 | 0945 | | | .3 | | 3.0 | 558.0 | | | 40 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|-------|--------|-------|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | 3.0 | 629.0 | 173.00 | 28.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.30 | 467.6 | 135.25 | 25.88 | 31 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 329.0 | 88.00 | 22.50 | 15 | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 8 | 4 | 4 | 7 | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|-------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1525 | | | .3 | | | | | | 0.120 | | | 0.050 | | 2.200 |
| 21 | 02 | 76 | 1510 | | | .3 | | | | | | 0.090 | | | 0.120 | | 2.100 |
| 20 | 03 | 76 | 1430 | | | .3 | | | | | | 0.090 | | | 0.130 | | 2.000 |
| 24 | 04 | 76 | 1345 | | | .3 | | | | | | 0.110 | | | 0.020 | | 1.000 |
| 23 | 05 | 76 | 1350 | | | .3 | 0.004 | | | | 0.020 | 0.020L | 0.130 | 0.010L | 0.050 | | 1.300 |
| 22 | 06 | 76 | 1335 | | | .3 | 0.010 | | | | 0.020L | 0.130 | 0.010L | 0.010L | 0.090 | | 0.700 |
| 14 | 08 | 76 | 1425 | | | .3 | 0.002 | | | | 0.010L | 0.050 | 0.010L | 0.020L | 0.090 | | 1.100 |
| 10 | 09 | 76 | 1410 | | | .3 | 0.002 | | | | 0.010L | 0.100 | 0.010L | 0.020L | 0.020 | | 1.400 |
| 16 | 10 | 76 | 1520 | | | .3 | 0.002 | | | | 0.020 | 0.080 | 0.010L | 0.010L | 0.060 | | 1.800 |
| 13 | 11 | 76 | 1510 | | | .3 | 0.002 | | | | 0.010 | 0.070 | 0.010L | 0.010L | 0.030 | | 1.600 |
| 18 | 12 | 76 | 0945 | | | .3 | 0.002 | | | | 0.010L | 0.120 | 0.010L | 0.010L | 0.070 | | 1.900 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--|--|--------|-------|--------|--|-------|--|-------|
| MAXIMUM | | | | | | | | 0.010 | | | 0.020 | 0.150 | 0.020 | | 0.130 | | 2.200 |
| AVG OR GEOM MN (*) | | | | | | | | 0.003 | | | 0.0140 | 0.101 | 0.0130 | | 0.066 | | 1.600 |
| MINIMUM | | | | | | | | 0.002 | | | 0.010 | 0.050 | 0.010 | | 0.020 | | 0.700 |
| NO OF SAMPLES | | | | | | | | 8 | | | 8 | 11 | 8 | | 11 | | 11 |

B.O.W. / SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 4 | LAT | LONG | U.T.M. 17 0497080.0 5144875.0 4 | REGION 05 | MILEAGE | 80.80 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 01 76 1620 | | | .3 | | 16432 | 6 9 0 | | | | | | 1.0 | 7.0 | 13.0 |
| 21 02 76 1610 | | | .3 | | 16474 | 6 8 | | | | | | 1.0 | 7.0 | 20.0 |
| 20 03 76 1525 | | | .3 | | 16515 | 6 8 9 | | 140. | 1. | 1400. | | 1.0 | 7.0 | 25.0 |
| 24 04 76 1450 | | | .3 | | 16555 | 3 0 9 | | 1. | 1. | 1. | | 4.0 | 5.0 | 50.0 |
| 23 05 76 1500 | | | .3 | | 16594 | 8 9 0 | | 4. | 1. | 4. | | 7.0 | 6.0 | 12.0 |
| 22 06 76 1430 | | | .3 | | 16643 | 8 9 0 | | 48. | | | | 13.0 | 5.0 | 10.0 |
| 14 08 76 1510 | | | .3 | | 16689 | 8 9 0 | | | | | | 20.0 | 5.0 | 1.4 |
| 10 09 76 1500 | | | .3 | | 16728 | 8 9 0 | | | | | | 15.0 | 6.0 | 2.4 |
| 16 10 76 1620 | | | .3 | | 16773 | 8 9 0 | | | | | | 4.0 | 6.0 | 4.8 |
| 13 11 76 1610 | | | .3 | | 16820 | 8 9 0 | | 1. | 1. | 10. | | 1.0 | 6.0 | 10.0 |
| 18 12 76 0910 | | | .3 | | 16852 | 8 9 0 | | 4. L | 2. L | 52. | | 1.0 | 7.0 | 10.0 |
| MAXIMUM | | | | | | | | 140. | | 1400. | | 20.0 | 7.0 | 50.0 |
| AVG OR GEOM MN (*) | | | | | | | | 7. * D | 1. * D | 20. * | | 6.2 | 6.1 | 14.4 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 1.0 | 5.0 | 1.4 |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 11 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 01 76 1620 | | | .3 | | 0.180 | 0.073 | 33.000 | 38.000 | 0.071 | 0.110 | | | | |
| 21 02 76 1610 | | | .3 | | 0.024 | 0.001 | 32.800 | 45.000 | 0.048 | 0.167 | | | | |
| 20 03 76 1525 | | | .3 | | 0.324 | 0.063 | 15.300 | 22.500 | 0.030 | 3.100 | | | | |
| 24 04 76 1450 | | | .3 | | 0.038 | 0.009 | 17.500 | 21.600 | 0.035 | 0.065 | 1368.0 | 19.0 | | |
| 23 05 76 1500 | | | .3 | | 0.030 | 0.001 | 12.700 | 15.600 | 0.230 | 1.720 | 1150.0 | 21.0 | | |
| 22 06 76 1430 | | | .3 | | 0.015 | 0.002 | 22.000 | 24.500 | 0.450 | 0.550 | 1992.0 | 5.6 | | |
| 14 08 76 1510 | | | .3 | | 0.030 | 0.001 | 27.300 | 31.500 | 0.180 | 2.520 | 2237.0 | 13.0 | | |
| 10 09 76 1500 | | | .3 | | 0.065 | 0.001 | 8.200 | 10.900 | 0.035 | 0.770 | 1242.0 | 97.0 | | |
| 16 10 76 1620 | | | .3 | | 0.007 | 0.002 | 24.000 | 36.000 | 0.093 | 0.597 | 1955.0 | 24.0 | | |
| 13 11 76 1610 | | | .3 | | 0.166 | 0.057 | 32.000 | 36.000 | 0.057 | 0.133 | 2011.0 | 19.0 | | |
| 18 12 76 0910 | | | .3 | | 0.045 | 0.018 | 37.200 | 45.900 | 0.041 | 0.060 | 2445.0 | 15.0 | | |
| MAXIMUM | | | | | 0.324 | 0.073 | 37.200 | 45.900 | 0.450 | 3.100 | 2445.0 | 97.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.084 | 0.021 | 23.818 | 29.773 | 0.115 | 0.890 | 1800.0 | 26.7 | | |
| MINIMUM | | | | | 0.007 | 0.001 | 8.200 | 10.900 | 0.030 | 0.060 | 1150.0 | 5.6 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 8 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 01 76 1620 | | | .3 | | 2350 | 5.50 | 180.0 | 1250.0 | | | | 9.20 | | |
| 21 02 76 1610 | | | .3 | | 2700 | 2.60 | 175.0 | 1525.0 | | | | 7.70 | | |
| 20 03 76 1525 | | | .3 | | 1700 | 18.00 | 195.0 | 565.0 | | | | 8.10 | | |
| 24 04 76 1450 | | | .3 | | 1750 | 8.40 | 120.0 | 670.0 | | 0.0 | 55 | 8.50 | | 1.000 |
| 23 05 76 1500 | | | .3 | | 1500 | 36.00 | 75.0 | 34.0 | | 16.9 | 11 | 5.64 | | 1.200 |
| 22 06 76 1430 | | | .3 | | 2375 | 6.00 | 100.0 | 1250.0 | | 11.0 | 14 | 6.15 | | 0.480 |
| 14 08 76 1510 | | | .3 | | 2640 | 6.40 | 105.0 | 1500.0 | | 0.0 | 40 | 9.21 | | 0.500 |
| 10 09 76 1500 | | | .3 | | 1530 | 75.00 | 63.0 | 575.0 | | 36.3 | 4 | 5.05 | | 12.500 |
| 16 10 76 1620 | | | .3 | | 2350 | 12.00 | 83.0 | 1325.0 | | 0.0 | 47 | 8.89 | | 1.020 |
| 13 11 76 1610 | | | .3 | | 2450 | 7.50 | 120.0 | 1095.0 | | 0.0 | 81 | 9.15 | | 0.840 |
| 18 12 76 0910 | | | .3 | | 3000 | 7.60 | 285.0 | 1300.0 | | 0.0 | 93 | 9.30 | | 0.630 |
| MAXIMUM | | | | | 3000 | 75.00 | 285.0 | 1525.0 | | 36.3 | 93 | 9.30 | | 12.500 |
| AVG OR GEOM MN (*) | | | | | 2213 | 16.82 | 136.5 | 1008.1 | | 8.0 | 43 | 7.90 | | 2.271 |
| MINIMUM | | | | | 1500 | 2.60 | 63.0 | 34.0 | | 0.0 | 4 | 5.05 | | 0.480 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | | 8 | 8 | 11 | | 8 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 24 01 76 1620 | | | .3 | | | | | | | | | | | |
| 21 02 76 1610 | | | .3 | | | | | | | | | | | |
| 20 03 76 1525 | | | .3 | | | | | | | | | | | |
| 24 04 76 1450 | | | .3 | | 2.0 | 610.0 | | | 10 | | | | | |
| 23 05 76 1500 | | | .3 | | 2.0 | 296.0 | | | 5L | | | | | |
| 22 06 76 1430 | | | .3 | | 2.0 | 833.0 | 280.00 | 32.50 | 10 | | | | | |
| 14 08 76 1510 | | | .3 | | 3.0 | 868.0 | 294.00 | 32.50 | 10 | | | | | |
| 10 09 76 1500 | | | .3 | | 3.0 | 481.0 | 145.00 | 29.00 | 70G | | | | | |
| 16 10 76 1620 | | | .3 | | 4.0 | 864.0 | 285.00 | 36.50 | 20 | | | | | |
| 13 11 76 1610 | | | .3 | | 8.0 | 842.0 | 277.00 | 36.50 | 30 | | | | | |
| 18 12 76 0910 | | | .3 | | 9.0 | 961.0 | 313.00 | 43.50 | 10 | | | | | |
| MAXIMUM | | | | | 9.0 | 961.0 | 313.00 | 43.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | 4.1 | 719.4 | 265.67 | 35.08 | 21E | | | | | |
| MINIMUM | | | | | 2.0 | 296.0 | 145.00 | 29.00 | 5 | | | | | |
| NO OF SAMPLES | | | | | 8 | 8 | 6 | 6 | 8 | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1620 | | | .3 | | | | | | 0.070 | | | 0.010L | | 0.590 |
| 21 | 02 | 76 | 1610 | | | .3 | | | | | | 0.060 | | | 0.070 | | 0.360 |
| 20 | 03 | 76 | 1525 | | | .3 | | | | | | 0.600 | | | 0.110 | | 1.200 |
| 23 | 05 | 76 | 1500 | | | .3 | 0.010 | | | | 0.020L | 0.260 | 0.010L | | 0.110 | | 1.600 |
| 22 | 06 | 76 | 1430 | | | .3 | 0.002 | | | | 0.010L | 0.090 | 0.010L | | 0.020 | | 0.500 |
| 14 | 08 | 76 | 1510 | | | .3 | 0.001L | | | | 0.010L | 0.100 | 0.010L | | 0.040 | | 2.200 |
| 10 | 09 | 76 | 1500 | | | .3 | 0.002 | | | | 0.010L | 3.400 | 0.020 | | 0.400 | | 16.000 |
| 16 | 10 | 76 | 1620 | | | .3 | 0.002 | | | | 0.020 | 0.220 | 0.010L | | 0.090 | | 2.300 |
| 13 | 11 | 76 | 1610 | | | .3 | 0.002 | | | | 0.010L | 0.130 | 0.010L | | 0.020 | | 0.800 |
| 18 | 12 | 76 | 0910 | | | .3 | 0.001 | | | | 0.010L | 0.140 | 0.010L | | 0.060 | | 0.570 |
| MAXIMUM | | | | | | | | 0.010 | | | 0.020 | 3.400 | 0.020 | | 0.400 | | 16.000 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0030 | | | 0.0130 | 0.509 | 0.0110 | | 0.0930 | | 2.839 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.070 | 0.010 | | 0.010 | | 0.360 |
| NO OF SAMPLES | | | | | | | | 7 | | | 7 | 10 | 7 | | 10 | | 10 |

B.O.W. / SITE: COPPER CLIFF CREEK
SAMPLE POINT: AT CEASAR ROAD SUDBURY
STATION TYPE: RIVER FLOW GAUGE WOE 02CF107

IFF
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STATION ID: 14-0028-005-02

STORET CODE: 02
002
7950

STN NO 5 LAT LONG U.T.M. 17 0497000.0 5146000.0 4 REGION 05 MILEAGE 81.90

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1545 | | | .3 | | 16431 | 6 9 0 | | | | | | 1.0 | 7.0 | 10.0 |
| 21 | 02 | 76 | 1540 | | | .3 | | 16473 | 6 8 | | | | | | 1.0 | 7.0 | 21.0 |
| 20 | 03 | 76 | 1500 | | | .3 | | 16514 | 6 8 9 | | 1. | 1. | 1. | | 1.0 | 7.0 | 9.0 |
| 24 | 04 | 76 | 1420 | | | .3 | | 16554 | 6 8 9 | | 1. | 1. | 1. | | 4.0 | 6.0 | 65.0 |
| 23 | 05 | 76 | 1430 | | | .3 | | 16593 | 6 8 9 | | 1. | 1. | 1. | | 7.0 | 7.0 | 55.0 |
| 22 | 06 | 76 | 1410 | | | .3 | | 16642 | 6 8 9 | | 1. | | | | 13.0 | 6.0 | 40.0 |
| 14 | 08 | 76 | 1445 | | | .3 | | 16688 | 6 8 9 | | | | | | 21.0 | 6.0 | 4.2 |
| 10 | 09 | 76 | 1430 | | | .3 | | 16727 | 6 8 9 | | | | | | 16.0 | 7.0 | 7.6 |
| 16 | 10 | 76 | 1555 | | | .3 | | 16772 | 6 8 9 | | | | | | 4.0 | 7.0 | 5.2 |
| 13 | 11 | 76 | 1545 | | | .3 | | 16819 | 6 8 9 | | 1. | 1. | 1. | | 1.0 | 8.0 | 13.0 |
| MAXIMUM | | | | | | | | | | | 1. | 1. | 1. | | 21.0 | 8.0 | 65.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1.* | 1.* | 1.* | | 6.9 | 6.8 | 23.4 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 1.0 | 6.0 | 4.2 |
| NO OF SAMPLES | | | | | | | | | | | 5 | 4 | 4 | | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1545 | | | .3 | | 0.005 | 0.001 | 65.000 | 65.000 | 0.074 | 0.140 | | | | |
| 21 | 02 | 76 | 1540 | | | .3 | | 0.005 | 0.001 | 48.000 | 61.000 | 0.051 | 0.263 | | | | |
| 20 | 03 | 76 | 1500 | | | .3 | | 0.030 | 0.001 | 42.500 | 59.500 | 0.046 | 0.084 | | | | |
| 24 | 04 | 76 | 1420 | | | .3 | | 0.024 | 0.002 | 26.300 | 37.600 | 0.041 | 0.069 | 1858.0 | 16.0 | | |
| 23 | 05 | 76 | 1430 | | | .3 | | 0.010 | 0.001 | 27.000 | 35.000 | 0.073 | 0.780 | 1949.0 | 7.7 | | |
| 22 | 06 | 76 | 1410 | | | .3 | | 0.014 | 0.001 | 30.200 | 37.200 | 0.078 | 0.127 | 2318.0 | 14.0 | | |
| 14 | 08 | 76 | 1445 | | | .3 | | 0.010 | 0.001 | 34.000 | 53.000 | 0.080 | 0.620 | 2668.0 | 14.0 | | |
| 10 | 09 | 76 | 1430 | | | .3 | | 0.010 | 0.001 | 30.500 | 42.300 | 0.200 | 2.400 | 2590.0 | 54.0 | | |
| 16 | 10 | 76 | 1555 | | | .3 | | 0.028 | 0.002 | 38.000 | 54.000 | 0.140 | 0.850 | 2872.0 | 78.0 | | |
| 13 | 11 | 76 | 1545 | | | .3 | | 0.022 | 0.001 | 42.000 | 67.000 | 0.085 | 0.185 | 2833.0 | 10.0 | | |
| MAXIMUM | | | | | | | | 0.030 | 0.002 | 65.000 | 67.000 | 0.200 | 2.400 | 2872.0 | 78.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.016 | 0.001 | 38.350 | 51.160 | 0.087 | 0.552 | 2441.1 | 27.7 | | |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 26.300 | 35.000 | 0.041 | 0.069 | 1858.0 | 7.7 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 7 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1545 | | | .3 | | 3000 | 7.00 | 260.0 | 2200.0 | | | | | 9.70 | |
| 21 | 02 | 76 | 1540 | | | .3 | | 3100 | 3.80 | 140.0 | 2050.0 | | | | | 7.90 | |
| 20 | 03 | 76 | 1500 | | | .3 | | 2900 | 17.00 | 300.0 | 1625.0 | | | | | 9.40 | |
| 24 | 04 | 76 | 1420 | | | .3 | | 2200 | 6.00 | 195.0 | 1000.0 | | | | | 8.60 | 1.500 |
| 23 | 05 | 76 | 1430 | | | .3 | | 2400 | 5.40 | 175.0 | 1250.0 | | 0.0 | 56 | | 8.39 | 0.770 |
| 22 | 06 | 76 | 1410 | | | .3 | | 2625 | 5.20 | 190.0 | 1425.0 | | 0.0 | 81 | | 9.62 | 0.420 |
| 14 | 08 | 76 | 1445 | | | .3 | | 3000 | 7.20 | 100.0 | 1560.0 | | 0.0 | 56 | | 9.16 | 0.790 |
| 10 | 09 | 76 | 1430 | | | .3 | | 2900 | 75.00 | 98.0 | 1500.0 | | 13.5 | 12 | | 6.35 | 16.750 |
| 16 | 10 | 76 | 1555 | | | .3 | | 3150 | 28.00 | 108.0 | 1600.0 | | 0.0 | 67 | | 9.07 | 2.800 |
| 13 | 11 | 76 | 1545 | | | .3 | | 3350 | 14.00 | 158.0 | 1575.0 | | 0.0 | 62 | | 8.47 | 2.400 |
| MAXIMUM | | | | | | | | 3350 | 75.00 | 300.0 | 2200.0 | | 13.5 | 81 | | 9.70 | 16.750 |
| AVG OR GEOM MN (*) | | | | | | | | 2863 | 16.86 | 172.4 | 1578.5 | | 1.9 | 54 | | 8.67 | 3.633 |
| MINIMUM | | | | | | | | 2200 | 3.80 | 98.0 | 1000.0 | | 0.0 | 12 | | 6.35 | 0.420 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | | 7 | 7 | 10 | | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1545 | | | .3 | | | | | | | | | | | |
| 21 | 02 | 76 | 1540 | | | .3 | | | | | | | | | | | |
| 20 | 03 | 76 | 1500 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 1420 | | | .3 | | 2.0 | 798.0 | | | 5 | | | | | |
| 23 | 05 | 76 | 1430 | | | .3 | | 2.0 | 430.0 | | | 5 | | | | | |
| 22 | 06 | 76 | 1410 | | | .3 | | 2.0 | 1016.0 | 345.00 | 37.50 | 10 | | | | | |
| 14 | 08 | 76 | 1445 | | | .3 | | 3.0 | 1018.0 | 354.00 | 32.50 | 5 | | | | | |
| 10 | 09 | 76 | 1430 | | | .3 | | 2.0 | 1013.0 | 330.00 | 46.00 | 70G | | | | | |
| 16 | 10 | 76 | 1555 | | | .3 | | 6.0 | 1199.0 | 401.00 | 47.50 | 15 | | | | | |
| 13 | 11 | 76 | 1545 | | | .3 | | 9.0 | 1204.0 | 394.00 | 53.50 | 40 | | | | | |
| MAXIMUM | | | | | | | | 9.0 | 1204.0 | 401.00 | 53.50 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 3.7 | 954.0 | 364.80 | 43.40 | 21U | | | | | |
| MINIMUM | | | | | | | | 2.0 | 430.0 | 330.00 | 32.50 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 5 | 5 | 7 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1545 | | | .3 | | | | | | 0.070 | | | 0.010L | | 0.410 |
| 21 | 02 | 76 | 1540 | | | .3 | | | | | | 0.140 | | | 0.020 | | 0.630 |
| 20 | 03 | 76 | 1500 | | | .3 | | | | | | 0.140 | | | 0.040 | | 0.580 |
| 24 | 04 | 76 | 1420 | | | .3 | 0.001L | | | | 0.020 | 0.090 | 0.010L | | 0.020 | | 0.520 |
| 23 | 05 | 76 | 1430 | | | .3 | 0.001 | | | | 0.020L | 0.110 | 0.010L | | 0.050 | | 0.280 |
| 22 | 06 | 76 | 1410 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.120 |
| 14 | 08 | 76 | 1445 | | | .3 | 0.001L | | | | 0.010 | 0.060 | 0.020 | | 0.010L | | 0.200 |
| 10 | 09 | 76 | 1430 | | | .3 | 0.002 | | | | 0.010L | 0.440 | 0.010L | | 0.020 | | 2.400 |
| 16 | 10 | 76 | 1555 | | | .3 | 0.003 | | | | 0.020L | 0.120 | 0.010L | | 0.030 | | 0.550 |
| 13 | 11 | 76 | 1545 | | | .3 | 0.001 | | | | 0.010L | 0.080 | 0.010L | | 0.250 | | 1.200 |
| MAXIMUM | | | | | | | | 0.003 | | | 0.020 | 0.440 | 0.020 | | 0.250 | | 2.400 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0010 | | | 0.0140 | 0.129 | 0.0110 | | 0.0470 | | 0.689 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.040 | 0.010 | | 0.010 | | 0.120 |
| NO OF SAMPLES | | | | | | | | 7 | | | 7 | 10 | 7 | | 10 | | 10 |

B.O.W. / SITE: VERMILION RIVER
SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH WHITSON RIVER
STATION TYPE: RIVER

STATION ID: 14-0028-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 6 | LAT | LONG | U.T.M. 17 0477900.0 5152300.0 4 | REGION 05 | MILEAGE | 79.40 | | | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|-------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1250 | | | .3 | | 16426 | 4 6 8 | | | | | | 0.0 | 10.0 | 1.0 |
| 21 | 02 | 76 | 1240 | | | .3 | | 16468 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 20 | 03 | 76 | 1210 | | | .3 | | 16509 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.4 |
| 24 | 04 | 76 | 1155 | | | .3 | | 16550 | 3 6 8 | | 8. | 1. | 1. | | 2.0 | 10.0 | 0.6 |
| 23 | 05 | 76 | 1205 | | | .3 | | 16589 | 6 8 | | 24. | 1. | 1. | | 5.0 | 10.0 | 0.4 |
| 22 | 06 | 76 | 1140 | | | .3 | | 16638 | 6 8 | | 4. | | | | 11.0 | 10.0 | 0.4 |
| 14 | 08 | 76 | 1225 | | | .3 | | 16684 | 6 8 | | | | | | 17.0 | 11.0 | |
| 10 | 09 | 76 | 1205 | | | .3 | | 16723 | 6 8 | | | | | | 14.0 | 11.0 | 0.4 |
| 16 | 10 | 76 | 1230 | | | .3 | | 16766 | 6 8 | | | | | | 2.0 | 11.0 | 0.6 |
| 13 | 11 | 76 | 1220 | | | .3 | | 16813 | 6 8 | | 1. | 1. | 1. | | 0.0 | 10.0 | 0.7 |
| 18 | 12 | 76 | 1435 | | | .3 | | 16861 | 6 8 4 | | 4. L | 4. L | 4. L | | 0.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | 24. | 4. | 4. | | 17.0 | 11.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 6.* D | 1.* D | 1.* D | | 4.6 | 10.5 | 0.6 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 10.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1250 | | | .3 | | 0.010 | 0.003 | 0.110 | 0.350 | 0.006 | 0.190 | | | | |
| 21 | 02 | 76 | 1240 | | | .3 | | 0.015 | 0.004 | 0.176 | 0.390 | 0.020 | 0.325 | | | | |
| 20 | 03 | 76 | 1210 | | | .3 | | 0.022 | 0.003 | 0.166 | 0.450 | 0.016 | 0.284 | | | | |
| 24 | 04 | 76 | 1155 | | | .3 | | 0.017 | 0.002 | 0.034 | 0.320 | 0.004 | 0.066 | | | 7.7 | |
| 23 | 05 | 76 | 1205 | | | .3 | | 0.011 | 0.001 | 0.022 | 0.250 | 0.004 | 0.026 | 55.0 | 2.8 | | 42 |
| 22 | 06 | 76 | 1140 | | | .3 | | 0.010 | 0.001 | 0.011 | 0.220 | 0.002 | 0.005L | 70.0 | 2.4 | | |
| 14 | 08 | 76 | 1225 | | | .3 | | | | | | | | | | | |
| 10 | 09 | 76 | 1205 | | | .3 | | 0.006 | 0.001 | 0.020 | 0.240 | 0.001 | 0.005L | 94.0 | 3.2 | | |
| 16 | 10 | 76 | 1230 | | | .3 | | 0.007 | 0.001 | 0.006 | 0.200 | 0.002 | 0.005L | 104.0 | 3.2 | | |
| 13 | 11 | 76 | 1220 | | | .3 | | 0.006 | 0.004 | 0.004 | 0.190 | 0.003 | 0.005L | 95.0 | 1.1 | | |
| 18 | 12 | 76 | 1435 | | | .3 | | 0.009 | 0.003 | 0.044 | 0.200 | 0.006 | 0.162 | 102.0 | 1.2 | | |
| MAXIMUM | | | | | | | | 0.022 | 0.004 | 0.176 | 0.450 | 0.020 | 0.325 | 104.0 | 7.7 | | 42 |
| AVG OR GEOM MN (*) | | | | | | | | 0.011 | 0.002 | 0.059 | 0.281 | 0.006 | 0.1070 | 86.7 | 3.1 | | 42 |
| MINIMUM | | | | | | | | 0.006 | 0.001 | 0.004 | 0.190 | 0.001 | 0.005 | 55.0 | 1.1 | | 42 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 6 | 7 | | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1250 | | | .3 | | 130 | 1.20 | 4.6 | | | | | | | |
| 21 | 02 | 76 | 1240 | | | .3 | | 175 | 1.10 | 7.5 | | | | | | | |
| 20 | 03 | 76 | 1210 | | | .3 | | 175 | 1.30 | 7.7 | | | | | | | |
| 24 | 04 | 76 | 1155 | | | .3 | | 65 | 4.40 | 2.0 | | | | | | | |
| 23 | 05 | 76 | 1205 | | | .3 | | 80 | 1.70 | 2.4 | | | | | | | |
| 22 | 06 | 76 | 1140 | | | .3 | | 104 | 1.50 | 3.2 | | | | | | | |
| 10 | 09 | 76 | 1205 | | | .3 | | 141 | 1.40 | 5.4 | | | | | | | |
| 16 | 10 | 76 | 1230 | | | .3 | | 155 | 2.00 | 6.5 | | | | | | | |
| 13 | 11 | 76 | 1220 | | | .3 | | 146 | 1.20 | 5.3 | | | | | | | |
| 18 | 12 | 76 | 1435 | | | .3 | | 155 | 1.50 | 5.7 | | | | | | | |
| MAXIMUM | | | | | | | | 175 | 4.40 | 7.7 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 133 | 1.73 | 5.0 | | | | | | | |
| MINIMUM | | | | | | | | 65 | 1.10 | 2.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: WHITSON RIVER
SAMPLE POINT: AT BRIDGE IN CHELMSFORD
STATION TYPE: RIVER

STATION ID: 14-0028-C08-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 8 LAT LONG U.T.M. 17 0484700.0 5158600.0 4 REGION 05 MILEAGE 86.50

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 974 SAMPLE NO | 901 SCO | 444 FLOW CFS | 80 TOTAL COLIFORM NF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1345 | | | .3 | | 16428 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.6 |
| 21 | 02 | 76 | 1355 | | | .3 | | 16470 | 4 6 8 | | | | | | 0.0 | 10.0 | 8.0 |
| 20 | 03 | 76 | 1325 | | | .3 | | 16511 | 4 6 8 | | 40. | 8. | 1. | | 0.0 | 10.0 | 1.2 |
| 24 | 04 | 76 | 1250 | | | .3 | | 16552 | 3 6 8 | | 20. | 1. | 4. | | 3.0 | 10.0 | 0.8 |
| 23 | 05 | 76 | 1300 | | | .3 | | 16591 | 6 8 | | 72. | 1. | 1. | | 6.0 | 10.0 | 0.8 |
| 22 | 06 | 76 | 1245 | | | .3 | | 16640 | 6 8 | | 50. | | | | 12.0 | 10.0 | 1.6 |
| 14 | 08 | 76 | 1325 | | | .3 | | 16686 | 6 8 0 | | | | | | 18.0 | 10.0 | |
| 10 | 09 | 76 | 1310 | | | .3 | | 16725 | 6 8 | | | | | | 15.0 | 10.0 | 0.6 |
| 16 | 10 | 76 | 1330 | | | .3 | | 16768 | 6 8 | | | | | | 3.0 | 10.0 | 1.2 |
| 13 | 11 | 76 | 1315 | | | .3 | | 16815 | 6 8 | | 8. | 2. | 2. | | 0.0 | 11.0 | 0.7 |
| 18 | 12 | 76 | 1325 | | | .3 | | 16859 | 6 8 | | 50. | 12. | 2. | L | 0.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | 72. | 12. | 4. | | 18.0 | 11.0 | 8.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 32.* | 3.* | 2.* | D | 5.2 | 10.2 | 1.6 |
| MINIMUM | | | | | | | | | | | 8. | 1. | 1. | | 0.0 | 10.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D: SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|
| 24 | 01 | 76 | 1345 | | | .3 | | 0.006 | 0.001 | 0.120 | 0.380 | 0.006 | 0.490 | | | | |
| 21 | 02 | 76 | 1355 | | | .3 | | 0.029 | 0.002 | 0.206 | 0.870 | 0.007 | 0.528 | | | | |
| 20 | 03 | 76 | 1325 | | | .3 | | 0.014 | 0.003 | 0.156 | 0.560 | 0.008 | 0.482 | | | | |
| 24 | 04 | 76 | 1250 | | | .3 | | 0.022 | 0.003 | 0.028 | 0.600 | 0.006 | 0.089 | 134.0 | 10.0 | | |
| 23 | 05 | 76 | 1300 | | | .3 | | 0.020 | 0.002 | 0.016 | 0.530 | 0.004 | 0.041 | 121.0 | 3.9 | | |
| 22 | 06 | 76 | 1245 | | | .3 | | 0.038 | 0.004 | 0.015 | 0.380 | 0.005 | 0.155 | 182.0 | 5.2 | | |
| 14 | 08 | 76 | 1325 | | | .3 | | | | | | | | | | | |
| 10 | 09 | 76 | 1310 | | | .3 | | 0.011 | 0.022 | 0.014 | 0.260 | 0.002 | 0.148 | 226.0 | 8.0 | | |
| 16 | 10 | 76 | 1330 | | | .3 | | 0.010 | 0.001 | 0.006 | 0.320 | 0.004 | 0.061 | 175.0 | 3.0 | | |
| 13 | 11 | 76 | 1315 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.210 | 0.003 | 0.027 | 164.0 | 1.2 | | |
| 18 | 12 | 76 | 1325 | | | .3 | | 0.009 | 0.003 | 0.098 | 0.300 | 0.004 | 0.346 | 210.0 | 4.9 | | |
| MAXIMUM | | | | | | | | 0.038 | 0.022 | 0.206 | 0.870 | 0.008 | 0.528 | 226.0 | 10.0 | | |
| AVG OR GEOM MN (-) | | | | | | | | 0.017 | 0.004 | 0.067 | 0.441 | 0.005 | 0.237 | 173.1 | 5.2 | | |
| MINIMUM | | | | | | | | 0.006 | 0.001 | 0.006 | 0.210 | 0.002 | 0.027 | 121.0 | 1.2 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 7 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1345 | | | .3 | | 340 | 3.40 | 14.0 | | | | | | | |
| 21 | 02 | 76 | 1355 | | | .3 | | 335 | 3.90 | 16.5 | | | | | | | |
| 20 | 03 | 76 | 1325 | | | .3 | | 315 | 4.00 | 15.0 | | | | | | | |
| 24 | 04 | 76 | 1250 | | | .3 | | 190 | 3.90 | 8.5 | | | | | | | |
| 23 | 05 | 76 | 1300 | | | .3 | | 180 | 2.30 | 8.1 | | | | | | | |
| 22 | 06 | 76 | 1245 | | | .3 | | 282 | 2.10 | 13.0 | | | | | | | |
| 10 | 09 | 76 | 1310 | | | .3 | | 335 | 2.20 | 17.0 | | | | | | | |
| 16 | 10 | 76 | 1330 | | | .3 | | 265 | 2.00 | 14.5 | | | | | | | |
| 13 | 11 | 76 | 1315 | | | .3 | | 250 | 1.60 | 12.5 | | | | | | | |
| 18 | 12 | 76 | 1325 | | | .3 | | 315 | 3.00 | 15.5 | | | | | | | |
| MAXIMUM | | | | | | | | 340 | 4.00 | 17.0 | | | | | | | |
| AVG OR GEOM MN (-) | | | | | | | | 281 | 2.84 | 13.5 | | | | | | | |
| MINIMUM | | | | | | | | 180 | 1.60 | 8.1 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWNSTREAM FROM CPR YARDS, CAPREOL
STATION TYPE: RIVER

STATION ID: 14-0028-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 9 | LAT | LONG | U.T.M. 17 0505550.0 5172175.0 4 | REGION 05 | MILEAGE | 134.20 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 01 76 1155 | | | .3 | | 16437 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 22 02 76 1105 | | | .3 | | 16479 | 4 6 8 | | | | | | 0.0 | 11.0 | 1.6 |
| 21 03 76 1040 | | | .3 | | 16520 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 25 04 76 1015 | | | .3 | | 16558 | 3 6 8 | | 12. | 1. | 8. | | 2.0 | 11.0 | 0.6 |
| 24 05 76 0940 | | | .3 | | 16597 | 6 8 | | 8. | 1. | 1. | | 5.0 | 11.0 | 0.6 |
| 21 06 76 1330 | | | .3 | | 16624 | 6 8 | | 10. | | 1. | | 12.0 | 11.0 | 0.2 |
| 15 08 76 0925 | | | .3 | | 16692 | 6 8 | | 20. | | 1. | | 17.0 | 12.0 | 0.4 |
| 11 09 76 1010 | | | .3 | | 16731 | 6 8 | | | | | | 15.0 | 11.0 | 0.2 |
| 17 10 76 0945 | | | .3 | | 16776 | 6 8 | | 4. | 1. | 2. | | 2.0 | 11.0 | 0.2 |
| 13 11 76 1005 | | | .3 | | 16823 | 4 6 8 | | 28. | 1. | 1. | | 0.0 | 12.0 | 1.2 |
| 19 12 76 1020 | | | .3 | | 16870 | 4 6 8 | | 12. | 4. | 2. | L | 0.0 | 12.0 | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 1155 | | | .3 | | 0.020 | 0.001L | 0.190 | 0.590 | 0.013 | 1.300 | | | | |
| 22 02 76 1105 | | | .3 | | 0.002 | 0.001L | 0.004 | 0.180 | 0.003 | 0.177 | | | | |
| 21 03 76 1040 | | | .3 | | 0.042 | 0.021 | 0.038 | 0.260 | 0.001 | 0.100 | | | | |
| 25 04 76 1015 | | | .3 | | 0.009 | 0.001 | 0.016 | 0.260 | 0.002 | 0.083 | | 1.9 | | 36 |
| 24 05 76 0940 | | | .3 | | 0.006 | 0.001 | 0.008 | 0.200 | 0.002 | 0.018 | 41.0 | 1.5 | | |
| 21 06 76 1330 | | | .3 | | 0.008 | 0.001 | 0.013 | 0.270 | 0.001 | 0.005L | 51.0 | 2.4 | | |
| 15 08 76 0925 | | | .3 | | 0.007 | 0.001L | 0.016 | 0.200 | 0.002 | 0.053 | 64.0 | 1.5 | | |
| 11 09 76 1010 | | | .3 | | 0.003 | 0.001 | 0.020 | 0.180 | 0.001 | 0.019 | 67.0 | 1.8 | | |
| 17 10 76 0945 | | | .3 | | 0.008 | 0.001L | 0.008 | 0.150 | 0.002 | 0.048 | 75.0 | 2.5 | | |
| 13 11 76 1005 | | | .3 | | 0.004 | 0.002 | 0.014 | 0.150 | 0.002 | 0.005L | 66.0 | 1.2 | | |
| 19 12 76 1020 | | | .3 | | 0.005 | 0.001 | 0.014 | 0.160 | 0.001 | 0.035 | 63.0 | 0.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 25 01 76 1155 | | | .3 | | 400 | 5.00 | 60.0 | 28.0 | | | | 6.90 | | |
| 22 02 76 1105 | | | .3 | | 700 | 1.60 | 9.1 | 340.0 | | | | | | |
| 21 03 76 1040 | | | .3 | | 90 | 1.10 | 1.5 | 16.0 | | | | 7.70 | | |
| 25 04 76 1015 | | | .3 | | 55 | 1.40 | 0.9 | 11.0 | | | | | | |
| 24 05 76 0940 | | | .3 | | 60 | 0.80 | 0.9 | 13.0 | | | | | | |
| 21 06 76 1330 | | | .3 | | 76 | 0.95 | 1.4 | 13.5 | | | | | | |
| 15 08 76 0925 | | | .3 | | 92 | 1.10 | 2.0 | 13.0 | | | | | | |
| 11 09 76 1010 | | | .3 | | 100 | 1.60 | 2.2 | 15.5 | | | | | | |
| 17 10 76 0945 | | | .3 | | 110 | 1.60 | 2.7 | 18.0 | | | | | | |
| 13 11 76 1005 | | | .3 | | 102 | 1.20 | 2.0 | 18.0 | | | | | | |
| 19 12 76 1020 | | | .3 | | 97 | 1.40 | 1.9 | 18.0 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 25 01 76 1155 | | | .3 | | 1.0L | | | | | | | | | |
| 22 02 76 1105 | | | .3 | | | | | | | | | | | |
| 21 03 76 1040 | | | .3 | | | | | | | | | | | |
| 25 04 76 1015 | | | .3 | | 1.0L | | | | | | | | | |
| 24 05 76 0940 | | | .3 | | 1.0L | | | | | | | | | |
| 21 06 76 1330 | | | .3 | | 1.0 | | | | | | | | | |
| 15 08 76 0925 | | | .3 | | 1.0 | | | | | | | | | |
| 11 09 76 1010 | | | .3 | | 1.0L | | | | | | | | | |
| 17 10 76 0945 | | | .3 | | 1.0 | | | | | | | | | |
| 13 11 76 1005 | | | .3 | | 1.0 | | | | | | | | | |
| 19 12 76 1020 | | | .3 | | 6.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|---------|---------------------|--------------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1155 | | | .3 | | | | | | 0.010 | | | 0.020 | | 0.010 |
| 22 | 02 | 76 | 1105 | | | .3 | | | | | | 0.010 | | | 0.050 | | 0.080 |
| 21 | 03 | 76 | 1040 | | | .3 | | | | | | 0.02 L | | | 0.02 | | 0.04 |
| 25 | 04 | 76 | 1015 | | | .3 | 0.001L | | | | 0.020 | 0.020L | 0.010L | | 0.020 | | 0.010L |
| 24 | 05 | 76 | 0940 | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.030 | | 0.020L |
| 21 | 06 | 76 | 1330 | | | .3 | 0.001L | | | | 0.010L | 0.010 | 0.010L | | 0.080 | | 0.010L |
| 11 | 09 | 76 | 1010 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 17 | 10 | 76 | 0945 | | | .3 | 0.001L | | | | 0.020 | 0.030 | 0.010L | | 0.010 | | 0.010L |
| 13 | 11 | 76 | 1005 | | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.010L | | 0.010L |
| 19 | 12 | 76 | 1020 | | | .3 | 0.001L | | | | 0.020 | 0.030 | 0.010L | | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | | | 0.020 | 0.040 | 0.010 | | 0.080 | | 0.080 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | 0.016D | 0.021D | 0.010D | | 0.026D | | 0.021D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 6 | | | 7 | 10 | 7 | | 10 | | 10 |

B.O.W. / SITE: VERMILION RIVER
SAMPLE POINT: AT FOOT OF BASS LAKE UPSTREAM FROM CAPREOL
STATION TYPE: RIVER FLOW GAUGE FED 02CF100

STATION ID: 14-0028-C10-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 10 | LAT | LONG | U.T.M. | 17 | 0503750.0 | 5173200.0 | 4 | REGION 05 | MILEAGE | 137.60 | | | | | | |
|--------------------|-----------|----------|---------|---------------------|--------------------|-----------------------|-----------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 25 | 01 | 76 | 1120 | | | .3 | | 16436 | 4 6 8 | | | | | | 0.0 | 11.0 | 1.6 |
| 22 | 02 | 76 | 1040 | | | .3 | | 16478 | 4 6 8 | | | | | | 0.0 | 11.0 | 1.2 |
| 21 | 03 | 76 | 1015 | | | .3 | | 16519 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 25 | 04 | 76 | 0950 | | | .3 | | 16557 | 3 6 8 | 2550.00 | 8. | 1. | 4. | | 2.0 | 11.0 | 0.4 |
| 24 | 05 | 76 | 0925 | | | .3 | | 16596 | 6 8 | 811.00 | 4. | 1. | 1. | | 5.0 | 11.0 | 0.4 |
| 21 | 06 | 76 | 1305 | | | .3 | | 16623 | 6 8 | 240.00 | 16. | | 1. | | 11.0 | 12.0 | 0.2 |
| 15 | 08 | 76 | 0900 | | | .3 | | 16691 | 6 8 | 74.10 | 50. | | 1. | | 17.0 | 12.0 | 0.6 |
| 11 | 09 | 76 | 0945 | | | .3 | | 16730 | 6 8 | 75.50 | | | 1. | | 15.0 | 12.0 | 0.4 |
| 17 | 10 | 76 | 0920 | | | .3 | | 16775 | 6 8 | 96.70 | 1. | 1. | 6. | | 2.0 | 11.0 | 1.0 |
| 13 | 11 | 76 | 0940 | | | .3 | | 16822 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 19 | 12 | 76 | 0950 | | | .3 | | 16869 | 4 6 8 | | 4. | 4. | 2. L | | 0.0 | 12.0 | 0.2 |
| MAXIMUM | | | | | | | | | | 2550.00 | 50. | 4. | 6. | | 17.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 641.22 | 4.* | 1.* | 2.* D | | 4.7 | 11.5 | 0.7 |
| MINIMUM | | | | | | | | | | 74.10 | 1. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 6 | 8 | 6 | 8 | | 11 | 11 | 11 |
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 | 01 | 76 | 1120 | | | .3 | | 0.042 | 0.001L | 0.300 | 0.360 | 0.014 | 1.000 | | | | |
| 22 | 02 | 76 | 1040 | | | .3 | | 0.037 | 0.005 | 0.218 | 0.620 | 0.005 | 0.044 | | | | |
| 21 | 03 | 76 | 1015 | | | .3 | | 0.041 | 0.020 | 0.084 | 0.210 | 0.002 | 0.200 | | | | |
| 25 | 04 | 76 | 0950 | | | .3 | | 0.005 | 0.001 | 0.018 | 0.240 | 0.002 | 0.078 | 38.0 | 2.0 | | |
| 24 | 05 | 76 | 0925 | | | .3 | | 0.005 | 0.001 | 0.014 | 0.220 | 0.002 | 0.028 | 42.0 | 2.8 | | |
| 21 | 06 | 76 | 1305 | | | .3 | | 0.006 | 0.001 | 0.017 | 0.230 | 0.001 | 0.009 | 58.0 | 5.5 | | |
| 15 | 08 | 76 | 0900 | | | .3 | | 0.007 | 0.001 | 0.016 | 0.200 | 0.002 | 0.318 | 61.0 | 1.5 | | |
| 11 | 09 | 76 | 0945 | | | .3 | | 0.005 | 0.001 | 0.022 | 0.240 | 0.001 | 0.014 | 74.0 | 1.8 | | |
| 17 | 10 | 76 | 0920 | | | .3 | | 0.008 | 0.001L | 0.010 | 0.150 | 0.003 | 0.042 | 75.0 | 3.3 | | |
| 13 | 11 | 76 | 0940 | | | .3 | | 0.004 | 0.001 | 0.008 | 0.140 | 0.002 | 0.005L | 66.0 | 0.6 | | |
| 19 | 12 | 76 | 0950 | | | .3 | | 0.004 | 0.001 | 0.020 | 0.210 | 0.001 | 0.040 | 66.0 | 0.8 | | |
| MAXIMUM | | | | | | | | 0.042 | 0.020 | 0.300 | 0.620 | 0.014 | 1.000 | 75.0 | 5.5 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.015 | 0.003D | 0.066 | 0.256 | 0.003 | 0.169D | 60.0 | 2.3 | | |
| MINIMUM | | | | | | | | 0.004 | 0.001 | 0.008 | 0.140 | 0.001 | 0.005 | 38.0 | 0.6 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 8 | | |
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 | 01 | 76 | 1120 | | | .3 | | 410 | 6.80 | 64.0 | 30.0 | | | | 7.00 | | |
| 22 | 02 | 76 | 1040 | | | .3 | | 95 | 1.60 | 2.7 | 19.0 | | | | 7.00 | | |
| 21 | 03 | 76 | 1015 | | | .3 | | 95 | 0.85 | 1.5 | 17.5 | | | | 7.20 | | |
| 25 | 04 | 76 | 0950 | | | .3 | | 55 | 1.40 | 0.8 | 11.5 | | | | | | |
| 24 | 05 | 76 | 0925 | | | .3 | | 60 | 0.75 | 1.0 | 13.0 | | | | | | |
| 21 | 06 | 76 | 1305 | | | .3 | | 80 | 0.90 | 1.6 | 13.5 | | | | | | |
| 15 | 08 | 76 | 0900 | | | .3 | | 92 | 1.30 | 1.9 | 23.0 | | | | | | |
| 11 | 09 | 76 | 0945 | | | .3 | | 111 | 2.00 | 2.3 | 16.0 | | | | | | |
| 17 | 10 | 76 | 0920 | | | .3 | | 109 | 2.40 | 2.3 | 18.5 | | | | | | |
| 13 | 11 | 76 | 0940 | | | .3 | | 102 | 1.20 | 1.5 | 18.0 | | | | | | |
| 19 | 12 | 76 | 0950 | | | .3 | | 98 | 1.50 | 2.1 | 20.5 | | | | | | |
| MAXIMUM | | | | | | | | 410 | 6.80 | 64.0 | 30.0 | | | | 7.20 | | |
| AVG OR GEOM MN (*) | | | | | | | | 119 | 1.88 | 7.4 | 18.2 | | | | 7.07 | | |
| MINIMUM | | | | | | | | 55 | 0.75 | 0.8 | 11.5 | | | | 7.00 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | | | | 3 | | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|----|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 25 | 01 | 76 | 1120 | | | .3 | | | | | | | | | | |
| 22 | 02 | 76 | 1040 | | | .3 | 2.0 | | | | | | | | | |
| 21 | 03 | 76 | 1015 | | | .3 | | | | | | | | | | |
| 25 | 04 | 76 | 0950 | | | .3 | 1.0 | | | | | | | | | |
| 24 | 05 | 76 | 0925 | | | .3 | 1.0L | | | | | | | | | |
| 21 | 06 | 76 | 1305 | | | .3 | 1.0L | | | | | | | | | |
| 15 | 08 | 76 | 0900 | | | .3 | 1.0 | | | | | | | | | |
| 11 | 09 | 76 | 0945 | | | .3 | 1.0L | | | | | | | | | |
| 17 | 10 | 76 | 0920 | | | .3 | 1.0L | | | | | | | | | |
| 13 | 11 | 76 | 0940 | | | .3 | 1.0L | | | | | | | | | |
| 19 | 12 | 76 | 0950 | | | .3 | 1.0 | | | | | | | | | |

MAXIMUM 2.0
AVG OR GEOM MN (") 1.1D
MINIMUM 1.0

NO OF SAMPLES 9

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|----|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 | 01 | 76 | 1120 | | | .3 | | | | | 0.010 | | | 0.010 | | 0.020 |
| 22 | 02 | 76 | 1040 | | | .3 | | | | | 0.010L | | | 0.020L | | 0.020L |
| 21 | 03 | 76 | 1015 | | | .3 | | | | | 0.02 L | | | 0.03 | | 0.01 L |
| 25 | 04 | 76 | 0950 | | | .3 | 0.001L | | | 0.020 | 0.020L | 0.010L | | 0.050 | | 0.010L |
| 24 | 05 | 76 | 0925 | | | .3 | | | | 0.020 | 0.010 | | | 0.030 | | 0.020L |
| 21 | 06 | 76 | 1305 | | | .3 | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.090 | | 0.010 |
| 11 | 09 | 76 | 0945 | | | .3 | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 17 | 10 | 76 | 0920 | | | .3 | 0.001L | | | 0.020 | 0.030 | 0.010L | | 0.030 | | 0.020 |
| 13 | 11 | 76 | 0940 | | | .3 | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.010L | | 0.020 |
| 19 | 12 | 76 | 0950 | | | .3 | 0.001L | | | 0.010L | 0.030 | 0.010L | | 0.020 | | 0.010L |

MAXIMUM 0.001 0.020 0.040 0.010 0.090 0.020
AVG OR GEOM MN (") 0.001D 0.013D 0.022D 0.010D 0.031D 0.015D
MINIMUM 0.001 0.010 0.010 0.010 0.010 0.01

NO OF SAMPLES 6 6 10 7 10 10

B.O.W./ SITE: ROBERTS RIVER
SAMPLE POINT: AT MILNET - SHELLWOOD ROAD, MOOSE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 11 LAT LONG U.T.M. 17 0498600.0 5187350.0 4 REGION 05 MILEAGE 146.80

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|----|------|------|------|-------|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOB |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 25 | 01 | 76 | 1040 | | | .3 | 16435 | 4 6 8 | | | | | | 0.0 | 11.0 | 2.2 |
| 22 | 02 | 76 | 1010 | | | .3 | 16477 | 4 6 8 | | | | | | 0.0 | 11.0 | 3.2 |
| 21 | 03 | 76 | 0950 | | | .3 | 16518 | 4 6 8 | | 4. | 1. | 1. | | 0.0 | 11.0 | 1.6 |

MAXIMUM 4. 1. 1. 0.00 11.0 3.2
AVG OR GEOM MN (") 4. 1. 1. 0.0 11.0 2.3
MINIMUM 4. 1. 1. 0.0 11.0 1.6

NO OF SAMPLES 1 1 1 3 3 3

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 | 01 | 76 | 1040 | | | .3 | 0.010 | 0.001 | 0.100 | 0.390 | 0.002 | 0.230 | 75.0 | 3.3 | | 72 |
| 22 | 02 | 76 | 1010 | | | .3 | 0.017 | 0.001 | 0.058 | 0.380 | 0.003 | 0.042 | 62.0 | 23.0 | | 39 |
| 21 | 03 | 76 | 0950 | | | .3 | 0.012 | 0.001 | 0.090 | 0.570 | 0.002 | 0.200 | 70.0 | 1.6 | | |

MAXIMUM 0.017 0.001 0.100 0.570 0.003 0.230 75.0 23.0 72
AVG OR GEOM MN (") 0.013 0.001 0.083 0.447 0.002 0.157 69.0 9.3 56
MINIMUM 0.010 0.001 0.058 0.380 0.002 0.042 62.0 1.6 39

NO OF SAMPLES 3 3 3 3 3 3 3 3 2

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | | | MG/L | MG/L |
| 25 | 01 | 76 | 1040 | | | .3 | 110 | 1.50 | 2.3 | 21.0 | | 3.6 | 19 | 7.30 | 0.60 | |
| 22 | 02 | 76 | 1010 | | | .3 | 60 | 2.60 | 1.0 | 16.5 | | 5.6 | 14 | 7.00 | 4.50 | |
| 21 | 03 | 76 | 0950 | | | .3 | 106 | 1.40 | 3.4 | 20.0 | | 3.4 | 21 | 7.10 | 0.45 | |

MAXIMUM 110 2.60 3.4 21.0 5.6 21 7.30 4.50
AVG OR GEOM MN (") 92 1.83 2.2 19.2 4.2 18 7.13 1.85
MINIMUM 60 1.40 1.0 16.5 3.4 14 7.00 0.45

NO OF SAMPLES 3 3 3 3 3 3 3 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | | 35.0 | | | 10 | | | | | |
| 22 | 02 | 76 | 1010 | | | .3 | | | 23.0 | | | 10 | | | | | |
| 21 | 03 | 76 | 0950 | | | .3 | | | 35.0 | | | 5 | | | | | |

| | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|----|
| MAXIMUM | | | | | | | | 35.0 | 10 |
| AVG OR GEOM MN (*) | | | | | | | | 31.0 | 8 |
| MINIMUM | | | | | | | | 23.0 | 5 |
| NO OF SAMPLES | | | | | | | | 3 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINIUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|-----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.010L | | 0.010L |
| 22 | 02 | 76 | 1010 | | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.030 | | 0.020 |
| 21 | 03 | 76 | 0950 | | | .3 | | | | | 0.02 L | 0.02 L | 0.01 L | | 0.02 | | 0.01 L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|--------|--------|--|--------|--|--------|
| MAXIMUM | | | | | | | | | | | 0.020 | 0.02 | 0.010 | | 0.030 | | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.020D | 0.013D | 0.010D | | 0.020D | | 0.013D |
| MINIMUM | | | | | | | | | | | 0.020 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W. / SITE: ONAPING RIVER
SAMPLE POINT: 1 MILES UPSTREAM FROM HIGH FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02CF010

STATION ID: 14-0028-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| | | | | | | | | |
|--------|----|-----|--|------|---------------------------------|-----------|---------|--------|
| STN NO | 12 | LAT | | LONG | U.T.M. 17 0470800.0 5161100.0 4 | REGION 05 | MILEAGE | 106.80 |
|--------|----|-----|--|------|---------------------------------|-----------|---------|--------|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 16423 | 4 6 8 | 72.0 | | | | | 0.0 | 11.0 | 0.4 |
| 21 | 02 | 76 | 1050 | | | .3 | | 16465 | 4 6 8 | 76.5 | | | | | 0.0 | 11.0 | 0.6 |
| 20 | 03 | 76 | 1030 | | | .3 | | 16506 | 6 8 | 81.0 | 16. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 24 | 04 | 76 | 1040 | | | .3 | | 16548 | 3 6 8 | 1960. | 12. | 1. | 1. | | 2.0 | 11.0 | 0.4 |
| 23 | 05 | 76 | 1050 | | | .3 | | 16587 | 6 8 | 1050. | 56. | 1. | 4. | | 5.0 | 11.0 | 0.4 |
| 22 | 06 | 76 | 1030 | | | .3 | | 16636 | 6 8 | 257. | 280. | | | | 11.0 | 12.0 | 0.2 |
| 14 | 08 | 76 | 1115 | | | .3 | | 16682 | 6 8 | 77.0 | | | | | 17.0 | 12.0 | 0.6 |
| 10 | 09 | 76 | 1100 | | | .3 | | 16721 | 6 8 | 153. | | | | | 14.0 | 11.0 | 0.4 |
| 16 | 10 | 76 | 1120 | | | .3 | | 16764 | 6 8 | 148. | | | | | 2.0 | 12.0 | 0.8 |
| 13 | 11 | 76 | 1115 | | | .3 | | 16811 | 6 8 | 99.5 | 1. | 1. | 4. | | 0.0 | 12.0 | 0.7 |
| 18 | 12 | 76 | 1550 | | | .3 | | 16863 | 4 6 8 | 93.5 | 12. | 2. L | 2. L | | 0.0 | 12.0 | 0.4 |

| | | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|-------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 1960. | 280. | 2. | 4. | | 17.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 369.8 | 18. * | 1. * D | 2. * D | | 4.6 | 11.5 | 0.5 |
| MINIMUM | | | | | | | | | | | 72.0 | 1. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 6 | 5 | 5 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 0.015 | 0.002 | 0.070 | 0.360 | 0.007 | 0.140 | | | | |
| 21 | 02 | 76 | 1050 | | | .3 | | 0.047 | 0.025 | 0.114 | 0.360 | 0.019 | 0.206 | | | | |
| 20 | 03 | 76 | 1030 | | | .3 | | 0.041 | 0.015 | 0.104 | 0.400 | 0.009 | 0.246 | | | | |
| 24 | 04 | 76 | 1040 | | | .3 | | 0.010 | 0.001 | 0.044 | 0.270 | 0.005 | 0.050 | | | | |
| 23 | 05 | 76 | 1050 | | | .3 | | 0.008 | 0.001 | 0.026 | 0.270 | 0.008 | 0.017 | 81.0 | 3.4 | | 52 |
| 22 | 06 | 76 | 1030 | | | .3 | | 0.015 | 0.004 | 0.024 | 0.270 | 0.003 | 0.005L | 41.0 | 2.1 | | |
| 14 | 08 | 76 | 1115 | | | .3 | | 0.023 | 0.012 | 0.002L | 0.300 | 0.003 | 0.017 | 44.0 | 1.3 | | |
| 10 | 09 | 76 | 1100 | | | .3 | | 0.010 | 0.004 | 0.014 | 0.710 | 0.002 | 0.023 | 54.0 | 2.0 | | |
| 16 | 10 | 76 | 1120 | | | .3 | | 0.017 | 0.004 | 0.004 | 0.190 | 0.003 | 0.005L | 43.0 | 3.4 | | |
| 13 | 11 | 76 | 1115 | | | .3 | | 0.019 | 0.009 | 0.030 | 0.210 | 0.004 | 0.005L | 95.0 | 0.8 | | |
| 18 | 12 | 76 | 1550 | | | .3 | | 0.007 | 0.003 | 0.054 | 0.230 | 0.002 | 0.173 | 141.0 | 1.1 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|-----|--|----|
| MAXIMUM | | | | | | | | 0.047 | 0.025 | 0.114 | 0.710 | 0.019 | 0.246 | 141.0 | 3.5 | | 52 |
| AVG OR GEOM MN (*) | | | | | | | | 0.019 | 0.007 | 0.044D | 0.325 | 0.006 | 0.081D | 71.3 | 2.2 | | 52 |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.002 | 0.190 | 0.002 | 0.005 | 41.0 | 0.8 | | 52 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 7 | 8 | | 1 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 125 | 1.40 | 3.4 | 30.0 | | | | | 6.90 | |
| 21 | 02 | 76 | 1050 | | | .3 | | 100 | 1.20 | 3.2 | 27.0 | | | | | 8.80 | |
| 20 | 03 | 76 | 1030 | | | .3 | | 100 | 1.40 | 3.7 | 26.0 | | | | | 7.20 | |
| 24 | 04 | 76 | 1040 | | | .3 | | 80 | 2.20 | 3.5 | 21.5 | | | | | | |
| 23 | 05 | 76 | 1050 | | | .3 | | 120 | 7.30 | 4.6 | 31.0 | | | | | | |
| 22 | 06 | 76 | 1030 | | | .3 | | 58 | 1.10 | 1.3 | 12.5 | | | | | | |
| 14 | 08 | 76 | 1115 | | | .3 | | 64 | 0.85 | 1.0 | 22.5 | | | | | | |
| 10 | 09 | 76 | 1100 | | | .3 | | 78 | 0.98 | 1.0 | 14.5 | | | | | | |
| 16 | 10 | 76 | 1120 | | | .3 | | 58 | 1.60 | 0.9 | 14.5 | | | | | | |
| 13 | 11 | 76 | 1115 | | | .3 | | 144 | 1.20 | 2.2 | 27.5 | | | | | | |
| 18 | 12 | 76 | 1550 | | | .3 | | 215 | 3.00 | 6.9 | 73.0 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|------|--|--|--|---|------|--|
| MAXIMUM | | | | | | | | 215 | 7.30 | 6.9 | 73.0 | | | | | 8.80 | |
| AVG OR GEOM MN (*) | | | | | | | | 104 | 2.02 | 2.9 | 27.3 | | | | | 7.63 | |
| MINIMUM | | | | | | | | 58 | 0.85 | 0.9 | 12.5 | | | | | 6.90 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | | | | 3 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 02 | 76 | 1050 | | | .3 | | 2.0 | | | | | | | | | |
| 20 | 03 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 24 | 04 | 76 | 1040 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 1050 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 1030 | | | .3 | | 2.0 | | | | | | | | | |
| 14 | 08 | 76 | 1115 | | | .3 | | 1.0 | | | | | | | | | |
| 10 | 09 | 76 | 1100 | | | .3 | | 1.0 | | | | | | | | | |
| 16 | 10 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | | | |
| 13 | 11 | 76 | 1115 | | | .3 | | 1.0 | | | | | | | | | |
| 18 | 12 | 76 | 1550 | | | .3 | | 1.0L | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.20 | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1100 | | | .3 | | | | | | 0.010L | | | 0.010L | | 0.020 |
| 21 | 02 | 76 | 1050 | | | .3 | | | | | | 0.010L | | | 0.020L | | 0.040 |
| 20 | 03 | 76 | 1030 | | | .3 | | | | | | 0.020L | | | 0.040 | | 0.010L |
| 24 | 04 | 76 | 1040 | | | .3 | | 0.001L | | | 0.010 | 0.020 | 0.010L | | 0.030 | | 0.120 |
| 23 | 05 | 76 | 1050 | | | .3 | | 0.010L | | | 0.020L | 0.020 | 0.010L | | 0.030 | | 0.120 |
| 22 | 06 | 76 | 1030 | | | .3 | | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.060 | | 0.010 |
| 14 | 08 | 76 | 1115 | | | .3 | | 0.001L | | | 0.010 | 0.020 | 0.010L | | 0.010L | | 0.030 |
| 10 | 09 | 76 | 1100 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 16 | 10 | 76 | 1120 | | | .3 | | 0.001L | | | 0.020L | 0.020 | 0.010L | | 0.020 | | 0.020 |
| 13 | 11 | 76 | 1115 | | | .3 | | 0.001L | | | 0.020 | 0.040 | 0.010L | | 0.010 | | 0.040 |
| 18 | 12 | 76 | 1550 | | | .3 | | 0.001L | | | 0.010L | 0.030 | 0.010L | | 0.010 | | 0.040 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|--|--------|--------|--------|--|--------|--|--------|
| MAXIMUM | | | | | | | | 0.010 | | | 0.020 | 0.040 | 0.010 | | 0.060 | | 0.120 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0020 | | | 0.0140 | 0.0230 | 0.0100 | | 0.0230 | | 0.0420 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 8 | | | 8 | 11 | 9 | | 11 | | 11 |

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: UPSTREAM FROM LEVACK SEPTIC TANK
STATION TYPE: RIVER

STATION ID: 14-0028-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 13 LAT LONG U.T.M. 17 0469400.0 5165450.0 4 REGION 05 MILEAGE 110.20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1030 | | | .3 | | 16422 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.6 |
| 21 | 02 | 76 | 1020 | | | .3 | | 16464 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 20 | 03 | 76 | 0950 | | | .3 | | 16505 | 4 6 8 | | 28. | 1. | 1. | | 0.0 | 11.0 | 0.4 |
| 24 | 04 | 76 | 1015 | | | .3 | | 16547 | 3 6 8 | | 24. | 1. | 1. | | 2.0 | 10.0 | 0.6 |
| 23 | 05 | 76 | 1020 | | | .3 | | 16586 | 6 8 | | 1. | 1. | 1. | | 5.0 | 11.0 | 0.6 |
| 22 | 06 | 76 | 1000 | | | .3 | | 16635 | 6 8 | | 240. | | | | 12.0 | 11.0 | 0.2 |
| 14 | 08 | 76 | 1040 | | | .3 | | 16681 | 6 8 | | | | | | 17.0 | 11.0 | 0.6 |
| 10 | 09 | 76 | 1030 | | | .3 | | 16720 | 8 6 | | | | | | 14.0 | 11.0 | 0.4 |
| 16 | 10 | 76 | 1045 | | | .3 | | 16763 | 6 8 | | | | | | 2.0 | 11.0 | 1.0 |
| 13 | 11 | 76 | 1040 | | | .3 | | 16810 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 11.0 | 1.4 |
| 18 | 12 | 76 | 1615 | | | .3 | | 16864 | 4 6 8 | | 8. | 2. L | 2. L | | 0.0 | 11.0 | 0.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 240. | 2. | 2. | | 17.0 | 11.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 10.* | 1.* D | 1.* D | | 4.7 | 10.9 | 0.7 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1030 | | | .3 | | 0.010 | 0.003 | 0.080 | 0.400 | 0.009 | 0.140 | | | | |
| 21 | 02 | 76 | 1020 | | | .3 | | 0.032 | 0.013 | 0.156 | 0.440 | 0.019 | 0.211 | | | | |
| 20 | 03 | 76 | 0950 | | | .3 | | 0.041 | 0.018 | 0.110 | 0.350 | 0.008 | 0.252 | | | | |
| 24 | 04 | 76 | 1015 | | | .3 | | 0.008 | 0.001 | 0.028 | 0.320 | 0.005 | 0.025 | | 2.8 | | 39 |
| 23 | 05 | 76 | 1020 | | | .3 | | 0.005 | 0.001L | 0.030 | 0.210 | 0.006 | 0.114 | 114.0 | 3.0 | | |
| 22 | 06 | 76 | 1000 | | | .3 | | 0.015 | 0.003 | 0.028 | 0.300 | 0.003 | 0.005L | 55.0 | 2.5 | | |
| 14 | 08 | 76 | 1040 | | | .3 | | 0.028 | 0.014 | 0.008 | 0.210 | 0.001L | 0.005L | 44.0 | 1.3 | | |
| 10 | 09 | 76 | 1030 | | | .3 | | 0.010 | 0.004 | 0.008 | 0.220 | 0.001 | 0.019 | 107.0 | 2.8 | | |
| 16 | 10 | 76 | 1045 | | | .3 | | 0.015 | 0.006 | 0.002L | 0.180 | 0.003 | 0.005L | 50.0 | 7.9 | | |
| 13 | 11 | 76 | 1040 | | | .3 | | 0.016 | 0.008 | 0.030 | 0.190 | 0.004 | 0.005L | 112.0 | 1.2 | | |
| 18 | 12 | 76 | 1615 | | | .3 | | 0.009 | 0.003 | 0.048 | 0.220 | 0.002 | 0.148 | 105.0 | 3.8 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|--------|-------|--------|--------|-------|-----|--|----|
| MAXIMUM | | | | | | | | 0.041 | 0.018 | 0.156 | 0.440 | 0.019 | 0.252 | 114.0 | 7.9 | | 39 |
| AVG OR GEOM MN (*) | | | | | | | | 0.017 | 0.007D | 0.048D | 0.276 | 0.006D | 0.084D | 83.9 | 3.2 | | 39 |
| MINIMUM | | | | | | | | 0.005 | 0.001 | 0.002 | 0.180 | 0.001 | 0.005 | 44.0 | 1.2 | | 39 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 7 | 8 | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1030 | | | .3 | | 145 | 1.20 | 3.2 | 32.0 | | | | | 6.70 | |
| 21 | 02 | 76 | 1020 | | | .3 | | 100 | 1.20 | 3.5 | 27.5 | | | | | 6.90 | |
| 20 | 03 | 76 | 0950 | | | .3 | | 120 | 1.10 | 3.7 | 28.0 | | | | | 7.20 | |
| 24 | 04 | 76 | 1015 | | | .3 | | 60 | 1.50 | 1.0 | 12.0 | | | | | | |
| 23 | 05 | 76 | 1020 | | | .3 | | 270 | 0.80 | 8.6 | 95.0 | | | | | | |
| 22 | 06 | 76 | 1000 | | | .3 | | 78 | 1.10 | 1.1 | 13.5 | | | | | | |
| 14 | 08 | 76 | 1040 | | | .3 | | 66 | 0.90 | 1.1 | 15.5 | | | | | | |
| 10 | 09 | 76 | 1030 | | | .3 | | 158 | 1.00 | 1.0 | 14.5 | | | | | | |
| 16 | 10 | 76 | 1045 | | | .3 | | 67 | 1.50 | 1.1 | 15.5 | | | | | | |
| 13 | 11 | 76 | 1040 | | | .3 | | 170 | 1.20 | 4.0 | 41.5 | | | | | | |
| 18 | 12 | 76 | 1615 | | | .3 | | 155 | 1.60 | 5.9 | 65.0 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|------|--|--|--|------|--|--|
| MAXIMUM | | | | | | | | 270 | 1.60 | 8.6 | 95.0 | | | | 7.20 | | |
| AVG OR GEOM MN (*) | | | | | | | | 126 | 1.19 | 3.1 | 32.7 | | | | 6.93 | | |
| MINIMUM | | | | | | | | 60 | 0.80 | 1.0 | 12.0 | | | | 6.70 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | | | | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 01 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 02 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 20 | 03 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 1015 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 14 | 08 | 76 | 1040 | | | .3 | | 1.0L | | | | | | | | | |
| 10 | 09 | 76 | 1030 | | | .3 | | 1.0 | | | | | | | | | |
| 16 | 10 | 76 | 1045 | | | .3 | | 1.0 | | | | | | | | | |
| 13 | 11 | 76 | 1040 | | | .3 | | 1.0 | | | | | | | | | |
| 18 | 12 | 76 | 1615 | | | .3 | | 1.0L | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | | | | | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 236 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1030 | | | .3 | | | | | | 0.010L | | | 0.010L | | 0.020 |
| 21 | 02 | 76 | 1020 | | | .3 | | | | | | 0.010L | | | 0.030 | | 0.010L |
| 20 | 03 | 76 | 0950 | | | .3 | | | | | | 0.020L | | | 0.040 | | 0.010L |
| 24 | 04 | 76 | 1015 | | | .3 | | | | | | 0.020L | 0.010L | | 0.030 | | 0.010L |
| 23 | 05 | 76 | 1020 | | | .3 | 0.001L | | | | 0.020L | 0.020L | 0.010L | | 0.010L | | 0.020 |
| 22 | 06 | 76 | 1000 | | | .3 | 0.001L | | | | 0.010L | 0.010 | 0.010L | | 0.060 | | 0.010 |
| 14 | 08 | 76 | 1040 | | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.010L | | 0.020 |
| 10 | 09 | 76 | 1030 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 16 | 10 | 76 | 1045 | | | .3 | 0.001L | | | | 0.020L | 0.030 | 0.010L | | 0.050 | | 0.040 |
| 13 | 11 | 76 | 1040 | | | .3 | 0.001L | | | | 0.010L | 0.030 | 0.010L | | 0.020 | | 0.030 |
| 18 | 12 | 76 | 1615 | | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.010 | | 0.020 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|--|--------|--------|--------|--|--------|--|--------|
| MAXIMUM | | | | | | | | 0.010 | | | 0.020 | 0.040 | 0.010 | | 0.060 | | 0.040 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002D | | | 0.014D | 0.021D | 0.010D | | 0.025D | | 0.020D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 8 | | | 8 | 11 | 9 | | 11 | | 11 |

B.O.W. / SITE: MOOSE CREEK
SAMPLE POINT: UPSTREAM FROM LEVACK
STATION TYPE: RIVER FLOW GAUGE MOE 02CF102

STATION ID: 14-0028-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 14 LAT LONG U.T.M. 17 0471350.0 5166200.0 4 REGION 05 MILEAGE 111.40

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1010 | | | .3 | | 16421 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.4 |
| 21 | 02 | 76 | 0955 | | | .3 | | 16463 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.8 |
| 20 | 03 | 76 | 0930 | | | .3 | | 16504 | 6 8 | | 24. | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 24 | 04 | 76 | 0910 | | | .3 | | 16545 | 3 6 8 | | 1. | 1. | 1. | | 2.0 | 11.0 | 1 8 |
| 23 | 05 | 76 | 0925 | | | .3 | | 16584 | 6 8 | | 1. | 1. | 1. | | 6.0 | 11.0 | 0.6 |
| 22 | 06 | 76 | 0855 | | | .3 | | 16633 | 6 8 | | 1. | | | | 12.0 | 11.0 | 0.2 |
| 14 | 08 | 76 | 0945 | | | .3 | | 16679 | 6 8 | | | | | | 17.0 | 12.0 | 0.6 |
| 10 | 09 | 76 | 0930 | | | .3 | | 16718 | 6 8 | | | | | | 14.0 | 11.0 | 0.2 |
| 16 | 10 | 76 | 1000 | | | .3 | | 16761 | 6 8 | | | | | | 2.0 | 11.0 | 0.6 |
| 13 | 11 | 76 | 0950 | | | .3 | | 16808 | 4 6 8 | | 1. | 1. | 1. | | 0.0 | 11.0 | 1 0 |
| 18 | 12 | 76 | 1650 | | | .3 | | 16866 | 4 6 8 | | 4. L | 2. L | 2. | | 0.0 | 12.0 | 16.0 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-----|--|------|------|------|
| MAXIMUM | | | | | | | | 24. | 2. | 2. | | 17.0 | 12.0 | 16.0 |
| AVG OR GEOM MN (*) | | | | | | | | 2.1 D | 1.1 D | 1.1 | | 4.8 | 11.3 | 2.1 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1010 | | | .3 | | 0.002 | 0.001L | 0.700 | 0.980 | 0.002 | 0.110 | | | | |
| 21 | 02 | 76 | 0955 | | | .3 | | 0.001 | 0.001L | 0.900 | 1.080 | 0.001 | 0.139 | | | | |
| 20 | 03 | 76 | 0930 | | | .3 | | 0.003 | 0.001L | 0.890 | 1.070 | 0.001 | 0.119 | | | | |
| 24 | 04 | 76 | 0910 | | | .3 | | 0.001 | 0.001 | 0.650 | 0.860 | 0.008 | 0.117 | 565.0 | 3.7 | | |
| 23 | 05 | 76 | 0925 | | | .3 | | 0.007 | 0.001L | 0.650 | 0.970 | 0.003 | 0.282 | 733.0 | 2.5 | | |
| 22 | 06 | 76 | 0855 | | | .3 | | 0.003 | 0.001L | 0.375 | 0.560 | 0.002 | 0.283 | 862.0 | 2.1 | | |
| 14 | 08 | 76 | 0945 | | | .3 | | 0.008 | 0.001L | 0.186 | 0.380 | 0.005 | 0.195 | 880.0 | 1.9 | | |
| 10 | 09 | 76 | 0930 | | | .3 | | 0.004 | 0.001 | 0.154 | 0.350 | 0.002 | 0.208 | 975.0 | 1.4 | | |
| 16 | 10 | 76 | 1000 | | | .3 | | 0.007 | 0.001L | 0.188 | 0.310 | 0.003 | 0.187 | 861.0 | 2.0 | | |
| 13 | 11 | 76 | 0950 | | | .3 | | 0.004 | 0.001 | 0.348 | 0.430 | 0.002 | 0.038 | 912.0 | 1.9 | | |
| 18 | 12 | 76 | 1650 | | | .3 | | 0.006 | 0.001 | 0.388 | 0.720 | 0.002 | 0.048 | 922.0 | 3.4 | | |

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|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|-------|-----|--|--|
| MAXIMUM | | | | | | | | 0.008 | 0.001 | 0.900 | 1.080 | 0.008 | 0.283 | 975.0 | 3.7 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.004 | 0.001D | 0.494 | 0.701 | 0.003 | 0.157 | 838.8 | 2.4 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.154 | 0.310 | 0.001 | 0.038 | 565.0 | 1.4 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 8 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1010 | | | .3 | | 1100 | 4.00 | 44.0 | 588.0 | | | | | 6.40 | |
| 21 | 02 | 76 | 0955 | | | .3 | | 1200 | 2.70 | 42.0 | 570.0 | | | | | 7.20 | |
| 20 | 03 | 76 | 0930 | | | .3 | | 1200 | 1.50 | 45.0 | 600.0 | | | | | 6.60 | |
| 24 | 04 | 76 | 0910 | | | .3 | | 750 | 7.30 | 29.5 | 340.0 | | | | | | |
| 23 | 05 | 76 | 0925 | | | .3 | | 950 | 3.40 | 34.5 | 450.0 | | | | | | |
| 22 | 06 | 76 | 0855 | | | .3 | | 1060 | 2.50 | 38.5 | 550.0 | | | | | | |
| 14 | 08 | 76 | 0945 | | | .3 | | 1100 | 1.00 | 39.5 | 570.0 | | | | | | |
| 10 | 09 | 76 | 0930 | | | .3 | | 1100 | 1.00 | 41.0 | 450.0 | | | | | | |
| 16 | 10 | 76 | 1000 | | | .3 | | 1100 | 1.40 | 42.5 | 525.0 | | | | | | |
| 13 | 11 | 76 | 0950 | | | .3 | | 1160 | 1.00 | 44.0 | 480.0 | | | | | | |
| 18 | 12 | 76 | 1650 | | | .3 | | 1180 | 2.50 | 47.5 | 515.0 | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|------|------|-------|--|--|------|--|--|
| MAXIMUM | | | | | | | | 1200 | 7.30 | 47.5 | 600.0 | | | 7.20 | | |
| AVG OR GEOM MN (*) | | | | | | | | 1082 | 2.57 | 40.7 | 512.5 | | | 6.73 | | |
| MINIMUM | | | | | | | | 750 | 1.00 | 29.5 | 340.0 | | | 6.40 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | | | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 01 | 76 | 1010 | | | .3 | | | | | | | | | | | |
| 21 | 02 | 76 | 0955 | | | .3 | | | | | | | | | | | |
| 20 | 03 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 0910 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 0925 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 0855 | | | .3 | | 1.0L | | | | | | | | | |
| 14 | 08 | 76 | 0945 | | | .3 | | 1.0 | | | | | | | | | |
| 10 | 09 | 76 | 0930 | | | .3 | | 2.0 | | | | | | | | | |
| 16 | 10 | 76 | 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 13 | 11 | 76 | 0950 | | | .3 | | 2.0 | | | | | | | | | |
| 18 | 12 | 76 | 1650 | | | .3 | | 1.0 | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.3D | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 214 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1010 | | | .3 | | | | | | 0.010 | | | 0.010L | | 0.320 |
| 21 | 02 | 76 | 0955 | | | .3 | | | | | | 0.010 | | | 0.050 | | 0.310 |
| 20 | 03 | 76 | 0930 | | | .3 | | | | | | 0.020L | 0.010L | | 0.090 | | 0.350 |
| 24 | 04 | 76 | 0910 | | | .3 | 0.001L | | | | 0.040 | 0.020L | 0.010L | | 0.040 | | 0.300 |
| 23 | 05 | 76 | 0925 | | | .3 | 0.010L | | | | 0.020L | 0.010 | 0.010L | | 0.010L | | 0.360 |
| 22 | 06 | 76 | 0855 | | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.070 | | 0.320 |
| 14 | 08 | 76 | 0945 | | | .3 | 0.001 | | | | 0.010L | 0.030 | 0.010L | | 0.010L | | 0.120 |
| 10 | 09 | 76 | 0930 | | | .3 | 0.001L | | | | 0.020 | 0.040 | 0.010L | | 0.010L | | 0.180 |
| 16 | 10 | 76 | 1000 | | | .3 | 0.001L | | | | 0.020L | 0.020 | 0.010L | | 0.010 | | 0.190 |
| 13 | 11 | 76 | 0950 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.020 | | 0.210 |
| 18 | 12 | 76 | 1650 | | | .3 | 0.001L | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.010 | | | 0.040 | 0.040 | 0.010 | | 0.090 | | 0.390 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002D | | | 0.019D | 0.022D | 0.010D | | 0.032D | | 0.279 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.120 |
| NO OF SAMPLES | | | | | | | | 8 | | | 7 | 10 | 8 | | 10 | | 10 |

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM FROM TREATMENT BY FALCONBRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 15 LAT LONG U.T.M. 17 0473250.0 5165550.0 4 REGION 05 MILEAGE 113.00

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 0945 | | | .3 | | 16420 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 21 | 02 | 76 | 0932 | | | .3 | | 16462 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.8 |
| 20 | 03 | 76 | 0910 | | | .3 | | 16503 | 6 8 | | 8. | 1. | 4. | | 0.0 | 11.0 | 0.8 |
| 24 | 04 | 76 | 0845 | | | .3 | | 16544 | 3 6 8 | | 1. | 1. | 1. | | 2.0 | 11.0 | 1.6 |
| 23 | 05 | 76 | 0900 | | | .3 | | 16583 | 6 8 | | 1. | 1. | 1. | | 6.0 | 11.0 | 0.6 |
| 22 | 06 | 76 | 0830 | | | .3 | | 16632 | 6 8 | | 1. | | | | 12.0 | 11.0 | 0.2 |
| 14 | 08 | 76 | 0920 | | | .3 | | 16678 | 6 8 | | | | | | 17.0 | 12.0 | 0.6 |
| 10 | 09 | 76 | 0910 | | | .3 | | 16717 | 6 8 | | | | | | 14.0 | 12.0 | 0.2 |
| 16 | 10 | 76 | 0940 | | | .3 | | 16760 | 6 8 | | | | | | 2.0 | 11.0 | 0.4 |
| 13 | 11 | 76 | 0930 | | | .3 | | 16807 | 4 6 8 | | 10. L | 1. | 1. | | 0.0 | 11.0 | 0.9 |
| 18 | 12 | 76 | 1725 | | | .3 | | 16867 | 4 6 8 | | 4. | 2. L | 2. L | | 0.0 | 12.0 | 1.6 |
| MAXIMUM | | | | | | | | | | | | 10. | 2. | 4. | 17.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | 3.* D | 1.* D | 2.* D | 4.8 | 11.4 | 0.8 |
| MINIMUM | | | | | | | | | | | | 1. | 1. | 1. | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | 6 | 5 | 5 | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 0945 | | | .3 | | 0.001 | 0.001L | 0.650 | 0.990 | 0.002 | 0.110 | | | | |
| 21 | 02 | 76 | 0932 | | | .3 | | 0.006 | 0.002 | 0.810 | 0.980 | 0.002 | 0.213 | | | | |
| 20 | 03 | 76 | 0910 | | | .3 | | 0.005 | 0.001L | 0.890 | 1.140 | 0.001 | 0.124 | | | | |
| 24 | 04 | 76 | 0845 | | | .3 | | 0.001 | 0.001 | 0.660 | 0.800 | 0.009 | 0.136 | 574.0 | 4.3 | | |
| 23 | 05 | 76 | 0900 | | | .3 | | 0.005 | 0.001L | 0.640 | 0.970 | 0.003 | 0.262 | 742.0 | 2.5 | | |
| 22 | 06 | 76 | 0830 | | | .3 | | 0.003 | 0.001 | 0.375 | 0.560 | 0.002 | 0.268 | 850.0 | 10.0 | | |
| 14 | 08 | 76 | 0920 | | | .3 | | 0.011 | 0.001 | 0.178 | 0.380 | 0.002 | 0.188 | 873.0 | 1.7 | | |
| 10 | 09 | 76 | 0910 | | | .3 | | 0.003 | 0.002 | 0.160 | 0.350 | 0.002 | 0.203 | 883.0 | 1.6 | | |
| 16 | 10 | 76 | 0940 | | | .3 | | 0.002 | 0.001L | 0.246 | 0.330 | 0.003 | 0.212 | 865.0 | 7.4 | | |
| 13 | 11 | 76 | 0930 | | | .3 | | 0.003 | 0.001L | 0.404 | 1.180 | 0.003 | 0.017 | 915.0 | 1.5 | | |
| 18 | 12 | 76 | 1725 | | | .3 | | 0.008 | 0.001 | 0.400 | 0.790 | 0.003 | 0.220 | 929.0 | 3.3 | | |
| MAXIMUM | | | | | | | | 0.011 | 0.002 | 0.890 | 1.180 | 0.009 | 0.268 | 929.0 | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.004 | 0.001D | 0.492 | 0.770 | 0.003 | 0.178 | 828.9 | 4.0 | | |
| MINIMUM | | | | | | | | 0.001 | 0.001 | 0.160 | 0.330 | 0.001 | 0.017 | 574.0 | 1.5 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 8 | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 0945 | | | .3 | | 1100 | 3.90 | 41.5 | 638.0 | | | | | 6.40 | |
| 21 | 02 | 76 | 0932 | | | .3 | | 1200 | 2.80 | 41.5 | 570.0 | | | | | 6.50 | |
| 20 | 03 | 76 | 0910 | | | .3 | | 1200 | 1.30 | 45.0 | 625.0 | | | | | 7.10 | |
| 24 | 04 | 76 | 0845 | | | .3 | | 750 | 7.30 | 29.5 | 325.0 | | | | | | |
| 23 | 05 | 76 | 0900 | | | .3 | | 1000 | 3.10 | 34.5 | 445.0 | | | | | | |
| 22 | 06 | 76 | 0830 | | | .3 | | 1060 | 2.50 | 38.5 | 550.0 | | | | | | |
| 14 | 08 | 76 | 0920 | | | .3 | | 1100 | 0.80 | 39.5 | 570.0 | | | | | | |
| 10 | 09 | 76 | 0910 | | | .3 | | 1080 | 1.00 | 41.0 | 500.0 | | | | | | |
| 16 | 10 | 76 | 0940 | | | .3 | | 1100 | 1.00 | 42.5 | 525.0 | | | | | | |
| 13 | 11 | 76 | 0930 | | | .3 | | 1180 | 1.00 | 44.0 | 510.0 | | | | | | |
| 18 | 12 | 76 | 1725 | | | .3 | | 1180 | 1.60 | 47.5 | 515.0 | | | | | | |
| MAXIMUM | | | | | | | | 1200 | 7.30 | 47.5 | 638.0 | | | | | 7.10 | |
| AVG OR GEOM MN (*) | | | | | | | | 1086 | 2.39 | 40.5 | 524.8 | | | | | 6.67 | |
| MINIMUM | | | | | | | | 750 | 0.80 | 29.5 | 325.0 | | | | | 6.40 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | | | | 3 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 01 | 76 | 0945 | | .3 | | | | | | | | | | | |
| 21 | 02 | 76 | 0932 | | .3 | | | | | | | | | | | |
| 20 | 03 | 76 | 0910 | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 0845 | | .3 | | 1.0 | | | | | | | | | |
| 23 | 05 | 76 | 0900 | | .3 | | 1.0L | | | | | | | | | |
| 22 | 06 | 76 | 0830 | | .3 | | 1.0L | | | | | | | | | |
| 14 | 08 | 76 | 0920 | | .3 | | 1.0L | | | | | | | | | |
| 10 | 09 | 76 | 0910 | | .3 | | 2.0 | | | | | | | | | |
| 16 | 10 | 76 | 0940 | | .3 | | 1.0L | | | | | | | | | |
| 13 | 11 | 76 | 0930 | | .3 | | 2.0 | | | | | | | | | |
| 18 | 12 | 76 | 1725 | | .3 | | 1.0 | | | | | | | | | |

MAXIMUM 2.0
AVG OR GEOM MN (*) 1.3D
MINIMUM 1.0

NO OF SAMPLES 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|---------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 0945 | | .3 | | | | | | 0.010 | | | 0.010L | | 0.330 |
| 21 | 02 | 76 | 0932 | | .3 | | | | | | 0.010 | | | 0.070 | | 0.030 |
| 20 | 03 | 76 | 0910 | | .3 | | | | | | 0.020 | | | 0.090 | | 0.360 |
| 24 | 04 | 76 | 0845 | | .3 | 0.001L | | | | 0.020L | 0.020L | 0.020L | | 0.030 | | 0.390 |
| 23 | 05 | 76 | 0900 | | .3 | 0.010L | | | | 0.020L | 0.010 | 0.010L | | 0.030 | | 0.360 |
| 22 | 06 | 76 | 0830 | | .3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.080 | | 0.300 |
| 14 | 08 | 76 | 0920 | | .3 | 0.001 | | | | 0.010L | 0.020 | 0.010L | | 0.010L | | 0.160 |
| 10 | 09 | 76 | 0910 | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.170 |
| 16 | 10 | 76 | 0940 | | .3 | 0.001L | | | | 0.020L | | | | 0.020 | | 0.200 |
| 13 | 11 | 76 | 0930 | | .3 | 0.001 | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.230 |
| 18 | 12 | 76 | 1725 | | .3 | 0.001 | | | | | | | | | | |

MAXIMUM 0.010 0.020 0.040 0.020 0.090 0.390
AVG OR GEOM MN (*) 0.002D 0.014D 0.021D 0.011D 0.036D 0.253
MINIMUM 0.001 0.010 0.010 0.010 0.010 0.030

NO OF SAMPLES 8 7 9 7 10 10

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM CITY OF SUDBURY
STATION TYPE: RIVER FLOW GAUGE FED 02CF005

STATION ID: 14-0028-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 16 LAT LONG U.T.M. 17 0504950.0 5151850.0 4 REGION 05 MILEAGE 89.30

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 04 | 76 | 1200 | | .3 | | 16560 | 3 6 8 | 31.40 | 500. | 1. | 8. | | 2.0 | 8.0 | 1.0 |
| 24 | 05 | 76 | 1130 | | .3 | | 16599 | 6 8 | 36.60 | 310. | 20. | 1. | | 6.0 | 8.0 | 0.8 |
| 21 | 06 | 76 | 1510 | | .3 | | 16626 | 6 8 | 10.20 | | | | | 12.0 | 8.0 | 1.6 |
| 15 | 08 | 76 | 1100 | | .3 | | 16694 | 6 8 9 | 10.10 | 100. | | 1. | | 18.0 | 8.0 | 1.6 |
| 11 | 09 | 76 | 1150 | | .3 | | 16733 | 6 8 9 | 133.00 | | | | | 15.0 | 7.0 | 1.6 |
| 17 | 10 | 76 | 1355 | | .3 | | 16783 | 6 8 9 | 18.30 | 100. | 6. | 8. | | 2.0 | 8.0 | 0.8 |
| 14 | 11 | 76 | 1415 | | .3 | | 16831 | 4 6 8 | 14.90 | 1500. | 1. | 16. | | 0.0 | 8.0 | 2.4 |
| 19 | 12 | 76 | 1330 | | .3 | | 16875 | | 6.40 | 270. | 70. | 6. | | | | 1.2 |

MAXIMUM 133.00 1500. 70. 16. 18.0 8.0 2.4
AVG OR GEOM MN (*) 32.61 293.* 6.* 4.* 7.9 7.9 1.4
MINIMUM 6.40 100. 1. 1. 0.0 7.0 0.8

NO OF SAMPLES 8 6 5 6 7 7 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 04 | 76 | 1200 | | .3 | | 0.159 | 0.105 | 0.270 | 0.820 | 0.021 | 0.794 | | 7.2 | | 234 |
| 24 | 05 | 76 | 1130 | | .3 | | 0.056 | 0.023 | 0.010 | 0.250 | 0.008 | 0.374 | 197.0 | 12.0 | | |
| 21 | 06 | 76 | 1510 | | .3 | | 0.170 | 0.063 | 0.056 | 0.410 | 0.004 | 0.096 | 585.0 | 25.0 | | |
| 15 | 08 | 76 | 1100 | | .3 | | 0.218 | 0.150 | 0.098 | 0.660 | 0.019 | 0.691 | 687.0 | 47.0 | | |
| 11 | 09 | 76 | 1150 | | .3 | | 0.288 | 0.080 | 0.058 | 0.860 | 0.006 | 0.644 | 618.0 | 200.0 | | |
| 17 | 10 | 76 | 1355 | | .3 | | 0.021 | 0.008 | 0.002 | 0.270 | 0.003 | 0.547 | 250.0 | 5.8 | | |
| 14 | 11 | 76 | 1415 | | .3 | | 0.705 | 0.620 | 1.820 | 2.100 | 0.033 | 0.962 | 378.0 | 7.8 | | |
| 19 | 12 | 76 | 1330 | | .3 | | 0.136 | 0.090 | 1.360 | 2.080 | 0.270 | 3.700 | 490.0 | 8.1 | | |

MAXIMUM 0.705 0.620 1.820 2.100 0.270 3.700 687.0 200.0 234
AVG OR GEOM MN (*) 0.219 0.142 0.459 0.931 0.045 0.976 457.9 39.1 234
MINIMUM 0.021 0.008 0.002 0.250 0.003 0.096 197.0 5.8 234

NO OF SAMPLES 8 8 8 8 8 8 7 8 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 04 | 76 | 1200 | | | .3 | | 360 | 4.00 | 34.5 | 75.0 | | | | | | |
| 24 | 05 | 76 | 1130 | | | .3 | | 285 | 3.80 | 18.0 | 70.0 | | | | | | |
| 21 | 06 | 76 | 1510 | | | .3 | | 540 | 9.00 | 45.0 | 115.0 | | | | | | |
| 15 | 08 | 76 | 1100 | | | .3 | | 880 | 30.00 | 69.0 | 285.0 | | | | | | |
| 11 | 09 | 76 | 1150 | | | .3 | | 580 | 90.00 | 41.0 | 155.0 | | | | | | |
| 17 | 10 | 76 | 1355 | | | .3 | | 375 | 4.00 | 16.5 | | | | | | | |
| 14 | 11 | 76 | 1415 | | | .3 | | 560 | 5.60 | 39.5 | 123.0 | | | | | | |
| 19 | 12 | 76 | 1330 | | | .3 | | 740 | 5.60 | | 197.0 | | | | | | |

MAXIMUM 880 90.00 69.0 285.0
 AVG OR GEOM MN (°) 540 19.00 37.6 145.7
 MINIMUM 285 3.80 16.5 70.0
 NO OF SAMPLES 8 8 7 7

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 POTASSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|------------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 25 | 04 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 24 | 05 | 76 | 1130 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 06 | 76 | 1510 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 08 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | | |
| 11 | 09 | 76 | 1150 | | | .3 | | 2.0 | | | | | | | | | |
| 17 | 10 | 76 | 1355 | | | .3 | | 1.0L | | | | | | | | 105 | |
| 14 | 11 | 76 | 1415 | | | .3 | | 2.0 | | | | | | | | | |
| 19 | 12 | 76 | 1330 | | | .3 | | 1.0 | | | | | | | | | |

MAXIMUM 2.0 105
 AVG OR GEOM MN (°) 1.30 105
 MINIMUM 1.0 105
 NO OF SAMPLES 8 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 218 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 04 | 76 | 1200 | | | .3 | | 0.003 | | | 0.020 | 0.020 | 0.010L | | 0.030 | | 0.260 |
| 24 | 05 | 76 | 1130 | | | .3 | | | | | 0.020L | 0.050 | 0.010L | | 0.060 | | 0.300 |
| 21 | 06 | 76 | 1510 | | | .3 | | 0.005 | | | 0.010L | 0.050 | 0.010L | | 0.050 | | 0.120 |
| 11 | 09 | 76 | 1150 | | | .3 | | 0.004 | | | 0.010L | 0.100 | 0.020 | | 0.040 | | 0.620 |
| 14 | 11 | 76 | 1415 | | | .3 | | 0.005 | | | 0.010L | 0.040 | 0.010L | | 0.040 | | 0.420 |
| 19 | 12 | 76 | 1330 | | | .3 | | 0.003 | | | 0.010L | 0.040 | 0.010L | | 0.060 | | 0.320 |

MAXIMUM 0.005 0.020 0.100 0.020 0.060 0.620
 AVG OR GEOM MN (°) 0.004 0.0130 0.050 0.0120 0.047 0.343
 MINIMUM 0.003 0.010 0.020 0.010 0.030 0.120
 NO OF SAMPLES 5 6 6 6 6 6

B.O.W./ SITE: JUNCTION CREEK

SAMPLE POINT: DOWNSTREAM FROM GARSON SEWAGE TREATMENT PLANT

STATION TYPE: RIVER

STATION ID: 14-0028-017-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SPANISH RIVER

STORET CODE: 02
 002
 7950

STN NO 17 LAT LONG U.T.M. 17 0507500.0 5154450.0 4 REGION 05 MILEAGE 90.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 1355 | | | .3 | | 16440 | 4 6 8 | | | | | | 0.0 | 8.0 | 12.0 |
| 25 | 04 | 76 | 1120 | | | .3 | | 16559 | 3 6 8 | | 1000. | 8. | 10. | | 2.0 | 8.0 | 2.4 |
| 24 | 05 | 76 | 1055 | | | .3 | | 16598 | 6 8 9 | | 100. | 1. | 4. | | 6.0 | 8.0 | 3.2 |
| 21 | 06 | 76 | 1430 | | | .3 | | 16625 | 6 8 9 | | | | | | 12.0 | 7.0 | 1.0 |
| 15 | 08 | 76 | 1030 | | | .3 | | 16693 | 6 8 9 | | 20. | | 12. | | 18.0 | 8.0 | 0.8 |
| 11 | 09 | 76 | 1120 | | | .3 | | 16732 | 6 8 9 | | | | | | 15.0 | 8.0 | 1.0 |
| 17 | 10 | 76 | 1045 | | | .3 | | 16777 | 6 8 9 | | 40. | 6. | 24. | | 2.0 | 9.0 | 1.0 |
| 14 | 11 | 76 | 1120 | | | .3 | | 16825 | 6 8 9 | | 710. | 1. | 4. | | 1.0 | 6.0 | 3.3 |
| 19 | 12 | 76 | 1200 | | | .3 | | 16872 | 6 8 4 | | 4. | 2. | 8. | | 0.0 | 9.0 | 3.0 |

MAXIMUM 1000. 8. 24. 18.0 9.0 12.0
 AVG OR GEOM MN (°) 78.° D 2.° D 8.°
 MINIMUM 4. 1. 4. 0.0 7.0 0.8
 NO OF SAMPLES 6 5 6 9 9 9

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1355 | | | .3 | | 2.600 | 0.930 | 14.000 | 14.000 | 1.100 | 2.100 | 770.0 | 89.0 | | |
| 25 | 04 | 76 | 1120 | | | .3 | | 1.420 | 1.200 | 5.100 | 5.800 | 0.350 | 2.970 | 645.0 | 15.0 | | |
| 24 | 05 | 76 | 1055 | | | .3 | | 0.360 | 0.165 | 0.116 | 1.250 | 0.100 | 4.850 | 935.0 | 7.3 | | |
| 21 | 06 | 76 | 1430 | | | .3 | | 0.290 | 0.240 | 0.090 | 0.610 | 0.080 | 1.970 | 1203.0 | 2.6 | | |
| 15 | 08 | 76 | 1030 | | | .3 | | 0.164 | 0.120 | 0.040 | 0.460 | 0.012 | 0.568 | 702.0 | 2.1 | | |
| 11 | 09 | 76 | 1120 | | | .3 | | 0.079 | 0.045 | 0.084 | 0.510 | 0.084 | 2.520 | 573.0 | 7.1 | | |
| 17 | 10 | 76 | 1045 | | | .3 | | 0.052 | 0.031 | 0.026 | 0.360 | 0.017 | 1.930 | 1134.0 | 1.7 | | |
| 14 | 11 | 76 | 1120 | | | .3 | | 2.420 | 2.200 | 3.880 | 5.300 | 0.230 | 1.190 | 596.0 | 12.0 | | |
| 19 | 12 | 76 | 1200 | | | .3 | | 0.140 | 0.075 | 3.800 | 4.180 | 1.600 | 4.100 | 1050.0 | 5.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| | | | | | | | |
|-------|-------|--------|--------|-------|-------|--------|------|
| 2.600 | 2.200 | 14.000 | 14.000 | 1.600 | 4.850 | 1203.0 | 89.0 |
| 0.836 | 0.556 | 3.015 | 3.608 | 0.397 | 2.466 | 845.3 | 15.8 |
| 0.052 | 0.031 | 0.026 | 0.360 | 0.012 | 0.568 | 573.0 | 1.7 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1355 | | | .3 | | 980 | 25.00 | 75.0 | 235.0 | | | | | | |
| 25 | 04 | 76 | 1120 | | | .3 | | 900 | 5.00 | 51.0 | 265.0 | | | | 9.10 | | |
| 24 | 05 | 76 | 1055 | | | .3 | | 1200 | 3.00 | 63.0 | 245.0 | | | | | | |
| 21 | 06 | 76 | 1430 | | | .3 | | 1490 | 1.40 | 94.0 | 750.0 | | | | | | |
| 15 | 08 | 76 | 1030 | | | .3 | | 960 | 1.20 | 55.0 | 360.0 | | | | | | |
| 11 | 09 | 76 | 1120 | | | .3 | | 760 | 5.00 | 49.5 | 240.0 | | | | | | |
| 17 | 10 | 76 | 1045 | | | .3 | | 1470 | 1.00 | 123.0 | 550.0 | | | | | | |
| 14 | 11 | 76 | 1120 | | | .3 | | 860 | 7.50 | 63.0 | 200.0 | | | | | | |
| 19 | 12 | 76 | 1200 | | | .3 | | 1400 | 4.00 | 100.0 | 515.0 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| | | | | | |
|------|-------|-------|-------|--|------|
| 1490 | 25.00 | 123.0 | 750.0 | | 9.10 |
| 1113 | 5.90 | 74.8 | 373.3 | | 9.10 |
| 760 | 1.00 | 49.5 | 200.0 | | 9.10 |
| 9 | 9 | 9 | 9 | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 01 | 76 | 1355 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 04 | 76 | 1120 | | | .3 | | 1.0 | | | | | | | | | |
| 24 | 05 | 76 | 1055 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 06 | 76 | 1430 | | | .3 | | 1.0L | | | | | | | | | |
| 15 | 08 | 76 | 1030 | | | .3 | | 1.0L | | | | | | | | | |
| 11 | 09 | 76 | 1120 | | | .3 | | 1.0 | | | | | | | | | |
| 17 | 10 | 76 | 1045 | | | .3 | | 1.0L | | | | | | | | | |
| 14 | 11 | 76 | 1120 | | | .3 | | 2.0 | | | | | | | | | |
| 19 | 12 | 76 | 1200 | | | .3 | | 9.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| | | | |
|-----|------|-----|---|
| 9.0 | 2.00 | 1.0 | 9 |
|-----|------|-----|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1355 | | | .3 | | | | | | 0.060 | | | 0.010 | | 0.170 |
| 25 | 04 | 76 | 1120 | | | .3 | | 0.005 | | | 0.010L | 0.020L | 0.010L | | 0.010 | | 0.390 |
| 24 | 05 | 76 | 1055 | | | .3 | | | | | 0.020L | 0.040 | 0.010L | | 0.030 | | 0.510 |
| 21 | 06 | 76 | 1430 | | | .3 | | 0.004 | | | 0.010L | 0.020 | 0.010L | | 0.040 | | 0.350 |
| 11 | 09 | 76 | 1120 | | | .3 | | 0.001 | | | 0.010L | 0.050 | 0.010L | | 0.010L | | 0.460 |
| 17 | 10 | 76 | 1045 | | | .3 | | 0.001 | | | 0.020 | 0.030 | 0.010L | | 0.070 | | 2.300 |
| 14 | 11 | 76 | 1120 | | | .3 | | 0.007 | | | 0.010L | 0.080 | 0.010L | | 0.010 | | 0.280 |
| 19 | 12 | 76 | 1200 | | | .3 | | 0.003 | | | 0.010 | 0.120 | 0.010L | | 0.030 | | 0.280 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM
NO OF SAMPLES

| | | | | | | | | |
|-------|--|--|--------|--------|--------|--|--------|-------|
| 0.007 | | | 0.020 | 0.120 | 0.010 | | 0.070 | 2.300 |
| 0.004 | | | 0.0130 | 0.0530 | 0.0100 | | 0.0250 | 0.593 |
| 0.001 | | | 0.010 | 0.020 | 0.010 | | 0.010 | 0.170 |
| 6 | | | 7 | 8 | 7 | | 8 | 9 |

B.O.W. / SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM OF LEVACK
STATION TYPE: RIVER

STATION ID: 14-0028-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | IB | LAT | LONG | U.T.M. 17 0470050.0 5164500.0 4 | REGION 05 | MILEAGE | 109.70 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|--------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 30 | 81 | 81 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 24 04 76 0940 | | | .3 | | 16546 | 3 9 8 | | 1. | 1. | 1. | | 3.0 | 7.0 | 12.0 |
| 23 05 76 1000 | | | .3 | | 16585 | 8 9 | | 1. | 1. | 1. | | 6.0 | 8.0 | 24.0 |
| 22 06 76 0930 | | | .3 | | 16634 | 8 9 0 | | 20. | | | | 13.0 | 7.0 | 12.0 |
| 14 08 76 1025 | | | .3 | | 16630 | 8 9 0 | | | | | | 18.0 | 8.0 | 7.5 |
| 10 09 76 1010 | | | .3 | | 16719 | 8 9 0 | | | | | | 15.0 | 8.0 | 15.0 |
| 16 10 76 1025 | | | .3 | | 16762 | 8 9 0 | | | | | | 3.0 | 7.0 | 33.0 |
| 13 11 76 1015 | | | .3 | | 16809 | 8 9 0 | | 640. | 74. | 24. | | 1.0 | 7.0 | 18.0 |
| 18 12 76 1625 | | | .3 | | 16865 | 8 9 4 | | 4. L | 2. L | 2. L | | 0.0 | 8.0 | 14.0 |
| MAXIMUM | | | | | | | | 640. | 74. | 24. | | 18.0 | 8.0 | 33.0 |
| AVG OR GEOM MN (*) | | | | | | | | 9. * D | 3. * D | 3. * D | | 7.4 | 7.5 | 16.9 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 7.0 | 7.5 |
| NO OF SAMPLES | | | | | | | | 5 | 4 | 4 | | 8 | 8 | 8 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 24 04 76 0940 | | | .3 | | 0.005 | 0.001 | 0.730 | 1.030 | 0.016 | 0.014 | 648.0 | 33.0 | | |
| 23 05 76 1000 | | | .3 | | 0.011 | 0.001L | 0.710 | 1.170 | 0.047 | 0.033 | 819.0 | 9.1 | | |
| 22 06 76 0930 | | | .3 | | 0.007 | 0.001L | 0.365 | 0.780 | 0.090 | 0.010 | 1003.0 | 2.9 | | |
| 14 08 76 1025 | | | .3 | | 0.030 | 0.003 | 0.840 | 1.350 | 0.021 | 0.384 | 1457.0 | 15.0 | | |
| 10 09 76 1010 | | | .3 | | 0.035 | 0.001L | 0.600 | 1.150 | 0.009 | 0.005L | 1315.0 | 32.0 | | |
| 16 10 76 1025 | | | .3 | | 0.001L | 0.001L | 1.090 | 2.020 | 0.050 | 0.045 | 1707.0 | 13.0 | | |
| 13 11 76 1015 | | | .3 | | 0.042 | 0.003 | 2.720 | 4.400 | 0.074 | 0.141 | 1813.0 | 9.1 | | |
| 18 12 76 1625 | | | .3 | | 0.050 | 0.001 | 1.690 | 1.700 | 0.043 | 0.010 | 1248.0 | 16.0 | | |
| MAXIMUM | | | | | 0.050 | 0.003 | 2.720 | 4.400 | 0.090 | 0.384 | 1813.0 | 33.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.023D | 0.002D | 1.093 | 1.700 | 0.044 | 0.080D | 1251.3 | 16.3 | | |
| MINIMUM | | | | | 0.001 | 0.001 | 0.365 | 0.780 | 0.009 | 0.005 | 648.0 | 2.9 | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 24 04 76 0940 | | | .3 | | 800 | 11.00 | 50.0 | 350.0 | | | | | | |
| 23 05 76 1000 | | | .3 | | 1050 | 7.10 | 80.0 | 445.0 | | | | | | |
| 22 06 76 0930 | | | .3 | | 1220 | 4.30 | 78.0 | 575.0 | | | | | | |
| 14 08 76 1025 | | | .3 | | 1900 | 21.00 | 155.0 | 825.0 | | | | | | |
| 10 09 76 1010 | | | .3 | | 1520 | 15.00 | 115.0 | 700.0 | | | | | | |
| 16 10 76 1025 | | | .3 | | 2050 | 9.00 | 250.0 | 500.0 | | | | | | |
| 13 11 76 1015 | | | .3 | | 2200 | 6.80 | 438.0 | 720.0 | | | | | | |
| 18 12 76 1625 | | | .3 | | 1600 | 20.00 | 135.0 | 630.0 | | | | | | |
| MAXIMUM | | | | | 2200 | 21.00 | 438.0 | 825.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1543 | 11.78 | 162.6 | 593.1 | | | | | | |
| MINIMUM | | | | | 800 | 4.30 | 50.0 | 350.0 | | | | | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | 8 | | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRBLES MG/L |
| 24 04 76 0940 | | | .3 | | 1.0L | | | | | | | | | |
| 23 05 76 1000 | | | .3 | | 1.0L | | | | | | | | | |
| 22 06 76 0930 | | | .3 | | 1.0 | | | | | | | | | |
| 14 08 76 1025 | | | .3 | | 1.0L | | | | | | | | | |
| 10 09 76 1010 | | | .3 | | 2.0 | | | | | | | | | |
| 16 10 76 1025 | | | .3 | | 4.0 | | | | | | | | | |
| 13 11 76 1015 | | | .3 | | 5.0 | | | | | | | | | |
| 18 12 76 1625 | | | .3 | | 2.0 | | | | | | | | | |
| MAXIMUM | | | | | 5.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 2.1D | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 8 | | | | | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 24 04 76 0940 | | | .3 | | 0.001L | | | 0.020 | 0.180 | 0.010L | | 0.070 | | 1.800 |
| 23 05 76 1000 | | | .3 | | 0.010L | | | 0.020L | 0.110 | 0.010L | | 0.060 | | 1.500 |
| 22 06 76 0930 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.060 | | 0.910 |
| 14 08 76 1025 | | | .3 | | 0.001L | | | 0.010L | 0.200 | 0.010L | | 0.080 | | 2.200 |
| 10 09 76 1010 | | | .3 | | 0.001L | | | 0.010L | 0.610 | 0.010L | | 0.120 | | 4.700 |
| 16 10 76 1025 | | | .3 | | 0.001L | | | 0.020L | 0.280 | 0.010L | | 0.140 | | 4.000 |
| 13 11 76 1015 | | | .3 | | 0.001L | | | 0.010L | 0.120 | 0.010L | | 0.050 | | 3.100 |
| 18 12 76 1625 | | | .3 | | 0.002 | | | 0.010L | 0.380 | 0.010L | | 0.210 | | 6.000 |
| MAXIMUM | | | | | 0.010 | | | 0.020 | 0.610 | 0.010 | | 0.210 | | 6.000 |
| AVG OR GEOM MN (*) | | | | | 0.002D | | | 0.014D | 0.240 | 0.010D | | 0.099 | | 3.026 |
| MINIMUM | | | | | 0.001 | | | 0.010 | 0.040 | 0.010 | | 0.050 | | 0.910 |
| NO OF SAMPLES | | | | | 8 | | | 8 | 8 | 8 | | 8 | | 9 |

B.O.W./ SITE: SPANISH RIVER
 SAMPLE POINT: AT HIGH FALLS
 STATION TYPE: RIVER FLOW GAUGE FED 02CF004

STATION ID: 14-0028-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SPANISH RIVER

STORET CODE: 02
 002
 7950

| STN NO | 20 | LAT | LONG | U.T.M. 17 0456100.0 5136200.0 4 | | | | | | | | REGION 05 | | MILEAGE | 53.10 | |
|--------------------|--------|-------|----------|---------------------------------|------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 10 01 76 | 1145 | | | | .3 | | 16403 | 6 8 | 2280.00 | | | | | 0.0 | 11.0 | 0.2 |
| 08 02 76 | 1200 | | | | .3 | | 16459 | 6 8 | 1720.00 | 10. L | 1. | 1. | | 0.0 | 12.0 | 0.6 |
| 07 03 76 | 1150 | | | | .3 | | 16500 | 6 8 | 1790.00 | 10. L | 1. | 1. | | 0.0 | 11.0 | 0.6 |
| 03 04 76 | 1220 | | | | .3 | | 16527 | 6 8 | 6050.00 | 180. | 1. | 1. | | 0.0 | 12.0 | 1.4 |
| 29 04 76 | 1705 | | | | .3 | | 16580 | 8 6 | 8880.00 | | | | | 2.0 | 12.0 | 0.4 |
| 30 05 76 | 1440 | | | | .3 | | 16619 | 6 8 | 7290.00 | 10. | 1. | 1. | | 5.0 | 12.0 | 0.4 |
| 26 06 76 | 1135 | | | | .3 | | 16646 | 6 8 | 1380.00 | 30. | | 1. | | 10.0 | 12.0 | 0.4 |
| 06 08 76 | 1145 | | | | .3 | | 16663 | 6 8 | 1170.00 | | | | | 18.0 | 12.0 | 0.2 |
| 06 09 76 | 1125 | | | | .3 | | 16714 | 6 8 | 390.00 | 270. | 1. | 1. | | 16.0 | 12.0 | 0.4 |
| 11 10 76 | 1020 | | | | .3 | | 16753 | 6 8 | 575.00 | 40. | 1. | 1. | | 3.0 | 12.0 | 1.2 |
| 11 11 76 | 1135 | | | | .3 | | 16799 | 6 8 | 810.00 | | | | | 0 0 | 11.0 | 0.6 |
| 11 12 76 | 1220 | | | | .3 | | 16835 | 6 8 | 665.00 | 4. | 2. L | 2. L | | 0.0 | 12.0 | 0.4 |
| MAXIMUM | | | | | | | | | 8880.00 | 270. | 2. | 2. | | 18.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 2750.00 | 26.* D | 1.* D | 1.* D | | 4.5 | 11.8 | 0.6 |
| MINIMUM | | | | | | | | | 390.00 | 4. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 12 | 8 | 7 | 8 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
| 10 01 76 | 1145 | | | | .3 | | 0.006 | 0.001L | 0.020 | 0.280 | 0.002 | 0.100 | | | | |
| 08 02 76 | 1200 | | | | .3 | | 0.010 | 0.004 | 0.020 | 0.260 | 0.004 | 0.101 | | | | |
| 07 03 76 | 1150 | | | | .3 | | 0.004 | 0.001 | 0.010 | 0.230 | 0.002 | 0.123 | | | | |
| 03 04 76 | 1220 | | | | .3 | | 0.013 | 0.001L | 0.052 | 0.490 | 0.003 | 0.137 | | | | |
| 29 04 76 | 1705 | | | | .3 | | 0.012 | 0.001 | 0.032 | 0.270 | 0.003 | 0.067 | | 3.7 | | 29 |
| 30 05 76 | 1440 | | | | .3 | | 0.007 | 0.001 | 0.006 | 0.250 | 0.003 | 0.042 | 32.0 | 2.9 | | |
| 26 06 76 | 1135 | | | | .3 | | 0.003 | 0.001L | 0.018 | 0.320 | 0.002 | 0.033 | 34.0 | 1.2 | | |
| 06 08 76 | 1145 | | | | .3 | | 0.005 | 0.002 | 0.016 | 0.240 | 0.002 | 0.008 | 33.0 | 0.4 | | |
| 06 09 76 | 1125 | | | | .3 | | 0.007 | 0.002 | 0.018 | 0.210 | 0.001 | 0.019 | 38.0 | 1.5 | | |
| 11 10 76 | 1020 | | | | .3 | | 0.015 | 0.002 | 0.024 | 0.460 | 0.002 | 0.043 | 40.0 | 0.6 | | |
| 11 11 76 | 1135 | | | | .3 | | 0.004 | 0.001 | 0.012 | 0.150 | 0.002 | 0.023 | 39.0 | 2.8 | | |
| 11 12 76 | 1220 | | | | .3 | | 0.005 | 0.002 | 0.032 | 0.140 | 0.001 | 0.005L | 37.0 | 1.0 | | |
| MAXIMUM | | | | | | | 0.015 | 0.004 | 0.052 | 0.490 | 0.004 | 0.137 | 40.0 | 3.7 | | 29 |
| AVG OR GEOM MN (*) | | | | | | | 0.008 | 0.002D | 0.022 | 0.275 | 0.002 | 0.058D | 36.1 | 1.8 | | 29 |
| MINIMUM | | | | | | | 0.003 | 0.001 | 0.006 | 0.140 | 0.001 | 0.005 | 32.0 | 0.4 | | 29 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 7 | 8 | | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 10 01 76 | 1145 | | | | .3 | | 56 | 0.75 | 1.0 | 10.0 | | | | | | |
| 08 02 76 | 1200 | | | | .3 | | 55 | 0.85 | 1.0 | 9.5 | | | | | | |
| 07 03 76 | 1150 | | | | .3 | | 56 | 0.85 | 0.7 | 9.0 | | | | | | |
| 03 04 76 | 1220 | | | | .3 | | 58 | 2.40 | 1.1 | 9.5 | | | | | | |
| 29 04 76 | 1705 | | | | .3 | | 43 | 1.60 | 0.7 | 9.5 | | | | | | |
| 30 05 76 | 1440 | | | | .3 | | 45 | 1.00 | 0.9 | 9.0 | | | | | | |
| 26 06 76 | 1135 | | | | .3 | | 52 | 1.30 | 12.0 | 10.0 | | | | | | |
| 06 08 76 | 1145 | | | | .3 | | 50 | 0.80 | 0.8 | 9.5 | | | | | | |
| 06 09 76 | 1125 | | | | .3 | | 55 | 0.82 | 0.8 | 8.5 | | | | | | |
| 11 10 76 | 1020 | | | | .3 | | 62 | 1.00 | 0.7 | 9.5 | | | | | | |
| 11 11 76 | 1135 | | | | .3 | | 56 | 0.90 | 0.7 | 9.0 | | | | | | |
| 11 12 76 | 1220 | | | | .3 | | 56 | 0.80 | 0.6 | 10.0 | | | | | | |
| MAXIMUM | | | | | | | 62 | 2.40 | 12.0 | 10.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 54 | 1.09 | 1.8 | 9.4 | | | | | | |
| MINIMUM | | | | | | | 43 | 0.75 | 0.6 | 8.5 | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLE MG/L |
| 10 01 76 | 1145 | | | | .3 | | | | | | | | | | | |
| 08 02 76 | 1200 | | | | .3 | | | | | | | | | | | |
| 07 03 76 | 1150 | | | | .3 | | | | | | | | | | | |
| 03 04 76 | 1220 | | | | .3 | | | | | | | | | | | |
| 29 04 76 | 1705 | | | | .3 | | 1.0L | | | | | | | | | |
| 30 05 76 | 1440 | | | | .3 | | 2.0 | | | | | | | | | |
| 26 06 76 | 1135 | | | | .3 | | 1.0 | | | | | | | | | |
| 06 08 76 | 1145 | | | | .3 | | 1.0L | | | | | | | | | |
| 06 09 76 | 1125 | | | | .3 | | 5.0 | | | | | | | | | |
| 11 10 76 | 1020 | | | | .3 | | 24.0 | | | | | | | | | |
| 11 11 76 | 1135 | | | | .3 | | 3.0 | | | | | | | | | |
| 11 12 76 | 1220 | | | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | | | | 24.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 4.8D | | | | | | | | | |
| MINIMUM | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 8 | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LT HMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MANGANESE MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------------|
| 10 | 01 | 76 | 1145 | | | 3 | | | | | | 0.010L | | | 0.010L | | 0.010L |
| 08 | 02 | 76 | 1200 | | | 3 | | | | | | 0.010L | | | 0.010L | | 0.020 |
| 07 | 03 | 76 | 1150 | | | 3 | | | | | | 0.010L | | | 0.040L | | 0.020 |
| 03 | 04 | 76 | 1220 | | | 3 | | | | | | 0.020 | | | 0.060 | | 0.010L |
| 29 | 04 | 76 | 1705 | | | 3 | 0.001L | | | | 0.010 | 0.030 | 0.010L | | 0.020L | | 0.010L |
| 30 | 05 | 76 | 1440 | | | 3 | 0.001L | | | | 0.010L | 0.010L | 0.010L | | 0.040 | | 0.010L |
| 26 | 06 | 76 | 1135 | | | 3 | 0.001L | | | | 0.010L | 0.020 | 0.010L | | 0.040 | | 0.010L |
| 06 | 08 | 76 | 1145 | | | 3 | 0.001L | | | | 0.010L | 0.060 | 0.010L | | 0.010L | | 0.010L |
| 06 | 09 | 76 | 1125 | | | 3 | 0.001L | | | | 0.010L | 0.050 | 0.010L | | 0.010 | | 0.010L |
| 11 | 10 | 76 | 1020 | | | 3 | 0.001L | | | | 0.020 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 11 | 11 | 76 | 1135 | | | 3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 11 | 12 | 76 | 1220 | | | 3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | 0.020 | 0.060 | 0.010 | | 0.060 | | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | 0.011D | 0.027D | 0.010D | | 0.024D | | 0.012D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 7 | | | 7 | 11 | 7 | | 11 | | 11 |

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: AT FIRST BRIDGE ON AGNEW ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | | 21 | LAT | | LONG | | U.T.M. 17 0458775.0 5138500.0 4 | | | | REGION 05 | | MILEAGE | | 54.30 | |
|--------------------|----|-----|------|-----|-------|----|---------------------------------|-----|------|----------|-----------|----------|----------|-------|-------|-------|
| SAMP DTE | | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR | | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 11 | 10 | 76 | 1100 | | 3 | | 16754 | 6.8 | | 10. | 4. | 8. | | 4.0 | 10.0 | 1.6 |
| 11 | 11 | 76 | 1200 | | 3 | | 16800 | 6.8 | 4 | | | | | 0.0 | 11.0 | 1.0 |
| 11 | 12 | 76 | 1300 | | 3 | | 16836 | 4.6 | 8 | 440. | 2. | 2. L | | 0.0 | 10.0 | 0.2 |
| MAXIMUM | | | | | | | | | | 440. | 4. | 8. | | 4.0 | 11.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | 66.* | 3.* | 4.* D | | 1.3 | 10.3 | 0.9 |
| MINIMUM | | | | | | | | | | 10. | 2. | 2. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LT HMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 10 | 76 | 1100 | | | 3 | | 0.020 | 0.002 | 0.012 | 0.420 | 0.003 | 0.007 | 70.0 | 2.1 | | |
| 11 | 11 | 76 | 1200 | | | 3 | | 0.008 | 0.002 | 0.008 | 0.290 | 0.003 | 0.067 | 62.0 | 3.2 | | |
| 11 | 12 | 76 | 1300 | | | 3 | | 0.013 | 0.003 | 0.076 | 0.450 | 0.002 | 0.023 | 57.0 | 5.0 | | |
| MAXIMUM | | | | | | | | 0.020 | 0.003 | 0.076 | 0.450 | 0.003 | 0.067 | 70.0 | 5.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.002 | 0.032 | 0.387 | 0.003 | 0.032 | 63.0 | 3.4 | | |
| MINIMUM | | | | | | | | 0.008 | 0.002 | 0.008 | 0.290 | 0.002 | 0.007 | 57.0 | 2.1 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | LT HMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 10 | 76 | 1100 | | | 3 | | 106 | 2.20 | 1.8 | 17.5 | | 4.0 | 26 | | 7.13 | 0.640 |
| 11 | 11 | 76 | 1200 | | | 3 | | 88 | 1.60 | 1.7 | 17.5 | | 9.0 | 22 | | 6.75 | 0.450 |
| 11 | 12 | 76 | 1300 | | | 3 | | 87 | 2.90 | 1.6 | 15.0 | | 8.0 | 26 | | 6.86 | 0.840 |
| MAXIMUM | | | | | | | | 106 | 2.90 | 1.8 | 17.5 | | 9.0 | 26 | | 7.13 | 0.840 |
| AVG OR GEOM MN (*) | | | | | | | | 94 | 2.23 | 1.7 | 16.7 | | 7.0 | 25 | | 6.91 | 0.643 |
| MINIMUM | | | | | | | | 87 | 1.60 | 1.6 | 15.0 | | 4.0 | 22 | | 6.75 | 0.450 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | | 3 | 3 | | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LT HMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 26 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 11 | 10 | 76 | 1100 | | | 3 | | 1.0L | 36.0 | 8.80 | 3.30 | 50 | | | | | |
| 11 | 11 | 76 | 1200 | | | 3 | | 2.0 | 34.0 | 8.20 | 3.20 | 50 | | | | | |
| 11 | 12 | 76 | 1300 | | | 3 | | 1.0L | 34.0 | | | 50 | | | | | |
| MAXIMUM | | | | | | | | 2.0 | 36.0 | 8.80 | 3.30 | 50 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.3D | 34.7 | 8.50 | 3.25 | 50 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 34.0 | 8.20 | 3.20 | 50 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 2 | 2 | 3 | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 228 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 10 | 76 | 1100 | | | .3 | | 0.001L | | | 0.020 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 11 | 11 | 76 | 1200 | | | .3 | | 0.001L | | | 0.010L | 0.030 | 0.010L | | 0.010L | | 0.010L |
| 11 | 12 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | 0.020 | 0.040 | 0.010 | | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | 0.015D | 0.035 | 0.010D | | 0.010D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.030 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 2 | | | 2 | 2 | 2 | | 2 | | 2 |

B.O.W. / SITE: MINISTIC CREEK
SAMPLE POINT: ABOVE AGNEW LAKE MINE PUMPHOUSE
STATION TYPE: RIVER

STATION ID: 14-002B-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | | 22 | LAT | | LONG | | U.T.M. 17 0453900.0 5141750.0 4 | | | | REGION 05 | | MILEAGE | | 59.80 | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 11 | 10 | 76 | 1130 | | | .3 | | 16755 | 6 8 | | 20. | 4. | 4. | | 4.0 | 10.0 | 1.6 |
| 11 | 11 | 76 | 1225 | | | .3 | | 16801 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.8 |
| 11 | 12 | 76 | 1345 | | | .3 | | 16837 | 4 6 8 | | 180. | 10. | 6. | | 0.0 | 10.0 | 0.2 |
| MAXIMUM | | | | | | | | | | | 180. | 10. | 6. | | 4.0 | 10.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 60.* | 6.* | 5.* | | 1.3 | 10.0 | 0.9 |
| MINIMUM | | | | | | | | | | | 20. | 4. | 4. | | 0.0 | 10.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 10 | 76 | 1130 | | | .3 | | 0.017 | 0.002 | 0.008 | 0.500 | 0.003 | 0.102 | 64.0 | 1.5 | | |
| 11 | 11 | 76 | 1225 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.300 | 0.003 | 0.067 | 62.0 | 2.7 | | |
| 11 | 12 | 76 | 1345 | | | .3 | | 0.011 | 0.002 | 0.060 | 0.400 | 0.002 | 0.023 | 63.0 | 4.1 | | |
| MAXIMUM | | | | | | | | 0.017 | 0.002 | 0.060 | 0.500 | 0.003 | 0.102 | 64.0 | 4.1 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.012 | 0.002 | 0.026 | 0.400 | 0.003 | 0.064 | 63.0 | 2.8 | | |
| MINIMUM | | | | | | | | 0.008 | 0.002 | 0.008 | 0.300 | 0.002 | 0.023 | 62.0 | 1.5 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 10 | 76 | 1130 | | | .3 | | 96 | 1.40 | 1.9 | 22.5 | | 1.9 | 17 | 7.54 | | 0.460 |
| 11 | 11 | 76 | 1225 | | | .3 | | 88 | 1.60 | 1.7 | 17.5 | | 8.4 | 20 | 6.70 | | 0.440 |
| 11 | 12 | 76 | 1345 | | | .3 | | 88 | 2.20 | 1.6 | 15.0 | | 11.0 | 24 | 6.81 | | 0.730 |
| MAXIMUM | | | | | | | | 96 | 2.20 | 1.9 | 22.5 | | 11.0 | 24 | 7.54 | | 0.730 |
| AVG OR GEOM MN (*) | | | | | | | | 91 | 1.73 | 1.7 | 18.3 | | 7.1 | 20 | 7.02 | | 0.543 |
| MINIMUM | | | | | | | | 88 | 1.40 | 1.6 | 15.0 | | 1.9 | 17 | 6.70 | | 0.440 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | | 3 | 3 | 3 | | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESTUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 11 | 10 | 76 | 1130 | | | .3 | | 1.0L | 31.0 | 7.80 | 2.90 | 70G | | | | | |
| 11 | 11 | 76 | 1225 | | | .3 | | 2.0 | 34.0 | 8.60 | 3.30 | 50 | | | | | |
| 11 | 12 | 76 | 1345 | | | .3 | | 2.0 | 35.0 | | | 50 | | | | | |
| MAXIMUM | | | | | | | | 2.0 | 35.0 | 8.60 | 3.30 | 70 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.7D | 33.3 | 8.20 | 3.10 | 57U | | | | | |
| MINIMUM | | | | | | | | 1.0 | 31.0 | 7.80 | 2.90 | 50 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 2 | 2 | 3 | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 228 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 10 | 76 | 1130 | | | .3 | | 0.001L | | | 0.010 | 0.040 | 0.010L | | 0.010L | | 0.010L |
| 11 | 11 | 76 | 1225 | | | .3 | | 0.001L | | | 0.010L | 0.020 | 0.010L | | 0.020 | | 0.010L |
| 11 | 12 | 76 | 1345 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | 0.010 | 0.040 | 0.010 | | 0.020 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | 0.010D | 0.030 | 0.010D | | 0.015D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.020 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 2 | | | 2 | 2 | 2 | | 2 | | 2 |

STATION ID 14-0020-023 02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 23 | LAT | LONG | U.T.M. 17 | 0450200.0 | 5140900.0 | 4 | REGION 05 | MILEAGE | 65.90 | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|-----------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|-----|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 11 11 76 1345 | | | .3 | | 16604 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.9 | |
| MAXIMUM | | | | | | | | | | | | | 0.00 | 10.0 | 0.9 |
| AVG OR GEOM MN (+) | | | | | | | | | | | | | 0.0 | 10.0 | 0.9 |
| MINIMUM | | | | | | | | | | | | | 0.0 | 10.0 | 0.9 |
| NO OF SAMPLES | | | | | | | | | | | | | 1 | 1 | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 11 11 76 1345 | | | .3 | | 0.018 | 0.001 | 0.020 | 0.200 | 0.002 | 0.058 | 75.0 | 7.2 | | | |
| MAXIMUM | | | | | 0.018 | 0.001 | 0.020 | 0.200 | 0.002 | 0.058 | 75.0 | 7.2 | | | |
| AVG OR GEOM MN (+) | | | | | 0.018 | 0.001 | 0.020 | 0.200 | 0.002 | 0.058 | 75.0 | 7.2 | | | |
| MINIMUM | | | | | 0.018 | 0.001 | 0.020 | 0.200 | 0.002 | 0.058 | 75.0 | 7.2 | | | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 11 11 76 1345 | | | .3 | | 104 | 1.50 | 2.4 | 14.5 | | 3.0 | 30 | 7.36 | | 0.400 | |
| MAXIMUM | | | | | 104 | 1.50 | 2.4 | 14.5 | | 3.0 | 30 | 7.36 | | 0.400 | |
| AVG OR GEOM MN (+) | | | | | 104 | 1.50 | 2.4 | 14.5 | | 3.0 | 30 | 7.36 | | 0.400 | |
| MINIMUM | | | | | 104 | 1.50 | 2.4 | 14.5 | | 3.0 | 30 | 7.36 | | 0.400 | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | | 1 | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L | |
| 11 11 76 1345 | | | .3 | | 2.0 | 42.0 | 12.80 | 2.40 | 30 | | | | | | |
| MAXIMUM | | | | | 2.0 | 42.0 | 12.80 | 2.40 | 30 | | | | | | |
| AVG OR GEOM MN (+) | | | | | 2.0 | 42.0 | 12.80 | 2.40 | 30 | | | | | | |
| MINIMUM | | | | | 2.0 | 42.0 | 12.80 | 2.40 | 30 | | | | | | |
| NO OF SAMPLES | | | | | 1 | 1 | 1 | 1 | 1 | | | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL UG/L | |
| 11 11 76 1345 | | | .3 | | 0.001L | | | 0.010 | 0.030 | 0.010L | | 0.010L | | 0.010L | |
| MAXIMUM | | | | | 0.001 | | | 0.010 | 0.030 | 0.010 | | 0.010 | | 0.010 | |
| AVG OR GEOM MN (+) | | | | | 0.001D | | | 0.010 | 0.030 | 0.010D | | 0.010D | | 0.010D | |
| MINIMUM | | | | | 0.001 | | | 0.010 | 0.030 | 0.010 | | 0.010 | | 0.010 | |
| NO OF SAMPLES | | | | | 1 | | | 1 | 1 | 1 | | 1 | | 1 | |

B.O.W. / SITE: JOHN CREEK
SAMPLE POINT: ABOVE DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 24 | LAT | LONG | U.T.M. 17 0449750.0 5141350.0 4 | | | | REGION 05 | | MILEAGE | 66.20 | | | | | | |
|--------------------|------|-----|------|---------------------------------|-----|-------|-----|-----------|----------|----------|----------|----------|--------|-------|-------|-------|-------|
| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | | |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | SCD | FLOW | CFS | TOTAL | FECAL | M.F. | PSEUD | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | | MG/L | |
| 11 | 11 | 76 | 1325 | | | .3 | | 16803 | 4 | 6 | 8 | | | | 0.0 | 11.0 | 1.0 |
| | | | | | | | | | | | | | | 0.00 | 11.0 | 1.0 | |
| MAXIMUM | | | | | | | | | | | | | | 0.0 | 11.0 | 1.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 0.0 | 11.0 | 1.0 | |
| MINIMUM | | | | | | | | | | | | | | 0.0 | 11.0 | 1.0 | |
| NO OF SAMPLES | | | | | | | | | | | | | | 1 | 1 | 1 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------------------|--------------------------------------|-----------------------------------|----------------------------------|--|---------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| 11 | 11 | 76 | 1325 | | | .3 | | 0.010 | 0.002 | 0.024 | 0.220 | 0.002 | 0.058 | 78.0 | 10.0 | | |
| | | | | | | | | MAXIMUM | 0.010 | 0.002 | 0.024 | 0.220 | 0.002 | 0.058 | 78.0 | 10.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.010 | 0.002 | 0.024 | 0.220 | 0.002 | 0.058 | 78.0 | 10.0 | |
| | | | | | | | | MINIMUM | 0.010 | 0.002 | 0.024 | 0.220 | 0.002 | 0.058 | 78.0 | 10.0 | |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 11 | 11 | 76 | 1325 | | | .3 | | 106 | 2.60 | 2.5 | 14.5 | | 3.6 | 32 | 7.40 | | 0.560 |
| | | | | | | | | MAXIMUM | 106 | 2.60 | 2.5 | 14.5 | 3.6 | 32 | 7.40 | | 0.560 |
| | | | | | | | | AVG OR GEOM MN (*) | 106 | 2.60 | 2.5 | 14.5 | 3.6 | 32 | 7.40 | | 0.560 |
| | | | | | | | | MINIMUM | 106 | 2.60 | 2.5 | 14.5 | 3.6 | 32 | 7.40 | | 0.560 |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 11 | 11 | 76 | 1325 | | | .3 | | 2.0 | 43.0 | 13.00 | 2.45 | 30 | | | | | |
| | | | | | | | | MAXIMUM | 2.0 | 43.0 | 13.00 | 2.45 | 30 | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 2.0 | 43.0 | 13.00 | 2.45 | 30 | | | | |
| | | | | | | | | MINIMUM | 2.0 | 43.0 | 13.00 | 2.45 | 30 | | | | |
| | | | | | | | | NO OF SAMPLES | 1 | 1 | 1 | 1 | 1 | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 11 | 11 | 76 | 1325 | | | .3 | | 0.001L | | | 0.010L | 0.030 | 0.010L | | 0.010L | | 0.010L |
| | | | | | | | | MAXIMUM | 0.001 | | 0.010 | 0.030 | 0.010 | | 0.010 | | 0.010 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.001D | | 0.010D | 0.030 | 0.010D | | 0.010D | | 0.010D |
| | | | | | | | | MINIMUM | 0.001 | | 0.010 | 0.030 | 0.010 | | 0.010 | | 0.010 |
| | | | | | | | | NO OF SAMPLES | 1 | | 1 | 1 | 1 | | 1 | | 1 |

B.O.W. / SITE: MILL DITCH
SAMPLE POINT: AT OPEN DITCH BELOW MINE OUTFALL
STATION TYPE: RIVER

STATION ID: 14-0028-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 25 | LAT | | LONG | | U.T.M. 17 0451500.0 5141850.0 4 | | | | REGION 05 | | MILEAGE | | 67.40 | | | |
|--------------------|-----------|----------|------|---------------------|--------------------|---------------------------------|----|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | SIN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 334 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 86 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 11 | 10 | 76 | 1200 | | | .3 | | 16756 | 6 8 | | 17000. | 432. | 324. | | 5.0 | 9.0 | 1.6 |
| 11 | 11 | 76 | 1250 | | | .3 | | 16802 | 6 8 | | | | | | 1.0 | 8.0 | 1.7 |
| 11 | 12 | 76 | 1420 | | | .3 | | 16938 | 6 8 | | 13000E+1 | 5500. | 740. | | 1.0 | 8.0 | 1.4 |
| | | | | | | | | | | | 13000E+1 | 5500. | 740. | | 5.0 | 9.0 | 1.7 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 47005.* | 1541.* | 490.* | | 2.3 | 8.3 | 1.6 |
| MINIMUM | | | | | | | | | | | 17000. | 432. | 324. | | 1.0 | 8.0 | 1.4 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 3 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 11 | 10 | 76 | 1200 | | | .3 | | 0.010 | 0.005 | 0.284 | 0.480 | 0.019 | 0.596 | 96.0 | 2.0 | | |
| 11 | 11 | 76 | 1250 | | | .3 | | 0.135 | 0.020 | 0.500 | 1.100 | 0.048 | 0.652 | 198.0 | 120.0 | | |
| 11 | 12 | 76 | 1420 | | | .3 | | 0.116 | 0.037 | 0.340 | 0.940 | 0.008 | 0.162 | 96.0 | 24.0 | | |
| | | | | | | | | 0.135 | 0.037 | 0.500 | 1.100 | 0.048 | 0.652 | 198.0 | 120.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.087 | 0.021 | 0.375 | 0.840 | 0.025 | 0.470 | 130.0 | 48.7 | | |
| MINIMUM | | | | | | | | 0.010 | 0.005 | 0.284 | 0.480 | 0.008 | 0.162 | 96.0 | 2.0 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 10 | 76 | 1200 | | | .3 | | 145 | 2.40 | 4.2 | 27.5 | | 5.8 | 25 | 6.53 | | 0.720 |
| 11 | 11 | 76 | 1250 | | | .3 | | 120 | 86.00 | 5.0 | 22.5 | | 6.4 | 24 | 7.02 | | 9.750 |
| 11 | 12 | 76 | 1420 | | | .3 | | 112 | 8.80 | 6.7 | 16.0 | | 5.0 | 26 | 7.05 | | 1.500 |
| | | | | | | | | MAXIMUM | 145 | 86.00 | 6.7 | 27.5 | 6.4 | 26 | 7.05 | | 9.750 |
| AVG OR GEOM MN (*) | | | | | | | | 126 | 32.40 | 5.3 | 22.0 | | 5.7 | 25 | 6.87 | | 3.990 |
| MINIMUM | | | | | | | | 112 | 2.40 | 4.2 | 16.0 | | 5.0 | 24 | 6.53 | | 0.720 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | | 3 | 3 | 3 | | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 11 | 10 | 76 | 1200 | | | .3 | | 1.0L | 32.0 | 8.00 | 2.90 | 70G | | | | | |
| 11 | 11 | 76 | 1250 | | | .3 | | 2.0 | 43.0 | 10.60 | 4.00 | 70G | | | | | |
| 11 | 12 | 76 | 1420 | | | .3 | | 1.0L | 38.0 | | | 50 | | | | | |
| | | | | | | | | MAXIMUM | 2.0 | 43.0 | 10.60 | 4.00 | 70 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.3D | 37.7 | 9.30 | 3.45 | 63U | | | | | |
| MINIMUM | | | | | | | | 1.0 | 32.0 | 8.00 | 2.90 | 50 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 2 | 2 | 3 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 10 | 76 | 1200 | | | .3 | | 0.001L | | | 0.010L | 0.040 | 0.010L | | 0.170 | | 0.010L |
| 11 | 11 | 76 | 1250 | | | .3 | | 0.002 | | | 0.010L | 0.050 | 0.010L | | 0.170 | | 0.010L |
| 11 | 12 | 76 | 1420 | | | .3 | | | | | | | | | | | |
| | | | | | | | | MAXIMUM | 0.002 | | 0.010 | 0.050 | 0.010 | | 0.170 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.002D | | | 0.010D | 0.045 | 0.010D | | 0.170 | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.040 | 0.010 | | 0.170 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 2 | | | 2 | 2 | 2 | | 2 | | 2 |

B.O.W. / SITE: VERMILION RIVER
SAMPLE POINT: HIGHWAY 17 2 MILES EAST OF WHITEFISH
STATION TYPE: RIVER

STATION ID: 14-002B-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 27 LAT LONG U.T.M. 17 0478550.0 5137250.0 4 REGION 05 MILEAGE 65.40

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 W.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 01 | 76 | 1230 | | | .3 | | 16404 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.4 |
| 08 | 02 | 76 | 1250 | | | .3 | | 16460 | 4 6 8 | | 10. L | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 07 | 03 | 76 | 1245 | | | .3 | | 16501 | 4 6 8 | | 10. L | 1. | 1. | | 0.0 | 11.0 | 0.4 |
| 03 | 04 | 76 | 1310 | | | .3 | | 16528 | 3 6 8 | | 20. | 4. | 8. | | 0.0 | 11.0 | 1.0 |
| 29 | 04 | 76 | 1740 | | | .3 | | 16581 | 6 8 9 | | | | | | 2.0 | 11.0 | 0.4 |
| 30 | 05 | 76 | 1520 | | | .3 | | 16620 | 6 8 | | 210. | 1. | 1. | | 5.0 | 11.0 | 0.4 |
| 26 | 06 | 76 | 1230 | | | .3 | | 16647 | 6 8 | | 40. | | 1. | | 10.0 | 12.0 | 0.6 |
| 06 | 08 | 76 | 1240 | | | .3 | | 16664 | 6 8 | | | | | | 18.0 | 11.0 | 0.2 |
| 06 | 09 | 76 | 1230 | | | .3 | | 16715 | 6 8 | | 10. | 1. | 1. | | 17.0 | 11.0 | 0.8 |
| 11 | 10 | 76 | 1300 | | | .3 | | 16757 | 6 8 | | 10. | 2. | 2. | | 3.0 | 12.0 | 1.4 |
| 11 | 11 | 76 | 1510 | | | .3 | | 16805 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.8 |
| 11 | 12 | 76 | 1545 | | | .3 | | 16839 | 4 6 8 | | 10. | 2. L | 2. L | | 0.0 | 12.0 | 0.8 |
| | | | | | | | | MAXIMUM | | | 210. | 4. | 8. | | 18.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | 19. * D | | | 19. * D | 1. * D | 2. * D | | 4.6 | 11.3 | 0.7 |
| MINIMUM | | | | | | | | 10. | | | 10. | 1. | 1. | | 0.0 | 11.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 01 | 76 | 1230 | | | .3 | | 0.013 | 0.002 | 1.000 | 1.600 | 0.008 | 0.430 | | | | |
| 08 | 02 | 76 | 1250 | | | .3 | | 0.019 | 0.007 | 1.130 | 1.770 | 0.008 | 0.492 | | | | |
| 07 | 03 | 76 | 1245 | | | .3 | | 0.019 | 0.007 | 1.280 | | 0.005 | 0.595 | | | | |
| 03 | 04 | 76 | 1310 | | | .3 | | 0.030 | 0.003 | 0.184 | 0.560 | 0.011 | 0.344 | | | | |
| 29 | 04 | 76 | 1740 | | | .3 | | 0.069 | 0.002 | 0.022 | 0.540 | 0.004 | 0.071 | 154.0 | 99.0 | | |
| 30 | 05 | 76 | 1520 | | | .3 | | 0.009 | 0.001 | 0.004 | 0.270 | 0.003 | 0.022 | 65.0 | 2.9 | | |
| 26 | 06 | 76 | 1230 | | | .3 | | 0.009 | 0.001L | 0.064 | 0.350 | 0.002 | 0.018 | 81.0 | 2.6 | | |
| 06 | 08 | 76 | 1240 | | | .3 | | 0.014 | 0.001 | 0.032 | 0.360 | 0.001 | 0.005L | 104.0 | 2.1 | | |
| 06 | 09 | 76 | 1230 | | | .3 | | 0.011 | 0.001 | 0.026 | 0.280 | 0.001 | 0.005L | 100.0 | 1.6 | | |
| 11 | 10 | 76 | 1300 | | | .3 | | 0.011 | 0.001 | 0.006 | 0.350 | 0.001 | 0.009 | 132.0 | 1.9 | | |
| 11 | 11 | 76 | 1510 | | | .3 | | 0.010 | 0.001 | 0.006 | 0.180 | 0.002 | 0.013 | 113.0 | 6.1 | | |
| 11 | 12 | 76 | 1545 | | | .3 | | 0.009 | 0.007 | 1.100 | 1.870 | 0.011 | 0.489 | 283.0 | 1.3 | | |
| | | | | | | | | MAXIMUM | 0.069 | 0.007 | 1.280 | 1.870 | 0.011 | 0.595 | 283.0 | 99.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.019 | 0.003D | 0.405 | 0.739 | 0.005 | 0.208D | 129.0 | 14.7 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.004 | 0.180 | 0.001 | 0.005 | 65.0 | 1.3 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 8 | 8 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 01 | 76 | 1230 | | | .3 | | 290 | 1.50 | 13.0 | 98.0 | | | | | 7.00 | |
| 08 | 02 | 76 | 1250 | | | .3 | | 300 | 1.80 | 13.5 | 95.0 | | 7.0 | | | 7.20 | |
| 07 | 03 | 76 | 1245 | | | .3 | | 315 | 1.70 | 15.0 | 105.0 | | | | | 6.90 | |
| 03 | 04 | 76 | 1310 | | | .3 | | 140 | 3.70 | 8.3 | 31.5 | | | | | | |
| 29 | 04 | 76 | 1740 | | | .3 | | 85 | 7.90 | 2.3 | 19.5 | | | | | | |
| 30 | 05 | 76 | 1520 | | | .3 | | 95 | 1.60 | 3.1 | 21.0 | | | | | | |
| 26 | 06 | 76 | 1230 | | | .3 | | 120 | 1.50 | 3.9 | 26.5 | | | | | | |
| 06 | 08 | 76 | 1240 | | | .3 | | 1900 | 1.20 | 4.6 | 28.0 | | | | | | |
| 06 | 09 | 76 | 1230 | | | .3 | | 150 | 0.88 | 5.7 | 27.0 | | | | | | |
| 11 | 10 | 76 | 1300 | | | .3 | | 200 | 1.60 | 8.2 | 36.0 | | | | | | |
| 11 | 11 | 76 | 1510 | | | .3 | | 165 | 1.60 | 7.6 | 35.5 | | | | | | |
| 11 | 12 | 76 | 1545 | | | .3 | | 420 | 1.30 | 22.0 | 133.0 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 10 | 01 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 08 | 02 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 07 | 03 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 03 | 04 | 76 | 1310 | | | .3 | | | | | | | | | | | |
| 29 | 04 | 76 | 1740 | | | .3 | | 1.0L | | | | | | | | | |
| 30 | 05 | 76 | 1520 | | | .3 | | 1.0 | | | | | | | | | |
| 26 | 06 | 76 | 1230 | | | .3 | | 2.0 | | | | | | | | | |
| 06 | 08 | 76 | 1240 | | | .3 | | 1.0L | | | | | | | | | |
| 06 | 09 | 76 | 1230 | | | .3 | | 1.0 | | | | | | | | | |
| 11 | 10 | 76 | 1300 | | | .3 | | 3.0 | | | | | | | | | |
| 11 | 11 | 76 | 1510 | | | .3 | | 2.0 | | | | | | | | | |
| 11 | 12 | 76 | 1545 | | | .3 | | 1.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 10 | 01 | 76 | 1230 | | | .3 | | | | | | 0.030 | | | 0.030 | 0.098 | 0.360 |
| 08 | 02 | 76 | 1250 | | | .3 | | | | | | 0.020 | | | 0.020 | 0.132 | 0.370 |
| 07 | 03 | 76 | 1245 | | | .3 | | | | | | | | | | 0.144 | |
| 03 | 04 | 76 | 1310 | | | .3 | | | | | | 0.040 | | | 0.050 | 0.166 | 0.160 |
| 29 | 04 | 76 | 1740 | | | .3 | | 0.001L | | | 0.010 | 0.020 | 0.010L | | 0.020L | 0.050 | 0.050 |
| 30 | 05 | 76 | 1520 | | | .3 | | 0.001L | | | 0.010L | 0.010L | 0.010L | | 0.030 | | 0.070 |
| 26 | 06 | 76 | 1230 | | | .3 | | 0.002 | | | 0.010L | 0.020 | 0.010L | | 0.030 | | 0.040 |
| 06 | 09 | 76 | 1230 | | | .3 | | 0.003 | | | 0.010 | 0.040 | 0.010L | | 0.020 | | 0.020 |
| 11 | 10 | 76 | 1300 | | | .3 | | 0.001 | | | 0.030 | 0.030 | 0.010L | | 0.020 | | 0.040 |
| 11 | 11 | 76 | 1510 | | | .3 | | 0.001 | | | 0.010L | 0.030 | 0.010L | | 0.010L | | 0.060 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: WHITSON RIVER
SAMPLE POINT: HIGHWAY 634 WEST OF VAL CARON
STATION TYPE: RIVER FLOW GAUGE FED 02CF008

STATION ID: 14-0028-028-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 28 LAT LONG U.T.M. 17 0497500.0 5161600.0 4 REGION 05 MILEAGE 97.70

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 25 | 01 | 76 | 0915 | | | .3 | | 16433 | 4 6 8 | 7.00 | | | | | 0.0 | 10.0 | 0.8 |
| 22 | 02 | 76 | 0900 | | | .3 | | 16475 | 4 6 8 | 13.40 | | | | | 0.0 | 10.0 | 0.6 |
| 21 | 03 | 76 | 0845 | | | .3 | | 16516 | 4 6 8 | 16.20 | 1. | 1. | 16. | | 0.0 | 10.0 | 1.2 |
| 25 | 04 | 76 | 0900 | | | .3 | | 16556 | 3 6 8 | 87.00 | 72. | 4. | 1. | | 2.0 | 10.0 | 0.8 |
| 24 | 05 | 76 | 0830 | | | .3 | | 16595 | 6 8 | 75.50 | 130. | 1. | 8. | | 5.0 | 10.0 | 0.8 |
| 21 | 06 | 76 | 1230 | | | .3 | | 16622 | 6 8 | 22.40 | 130. | | 8. | | 11.0 | 10.0 | 0.4 |
| 15 | 08 | 76 | 0815 | | | .3 | | 16690 | 6 8 | 10.20 | 40. | | 168. | | 17.0 | 10.0 | 0.6 |
| 11 | 09 | 76 | 0900 | | | .3 | | 16729 | 6 8 | 54.00 | | | | | 15.0 | 10.0 | 1.0 |
| 17 | 10 | 76 | 0830 | | | .3 | | 16774 | 6 8 | 41.60 | 60. | 6. | 4. | | 2.0 | 10.0 | 1.0 |
| 13 | 11 | 76 | 0910 | | | .3 | | 16821 | 6 8 | 24.90 | 10. | 1. | 1. | | 0.0 | 11.0 | 0.8 |
| 19 | 12 | 76 | 0900 | | | .3 | | 16868 | 6 8 4 | 11.30 | 30. | 16. | 2. | | 0.0 | 10.0 | 0.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 0915 | | | .3 | | 0.008 | 0.002 | 0.270 | 0.600 | 0.007 | 0.300 | | | | |
| 22 | 02 | 76 | 0900 | | | .3 | | 0.023 | 0.006 | 0.230 | 0.810 | 0.010 | 0.095 | | | | |
| 21 | 03 | 76 | 0845 | | | .3 | | 0.022 | 0.007 | 0.366 | 0.640 | 0.008 | 0.500 | | | | |
| 25 | 04 | 76 | 0900 | | | .3 | | 0.022 | 0.002 | 0.022 | 0.520 | 0.005 | 0.085 | | 9.1 | | 104 |
| 24 | 05 | 76 | 0830 | | | .3 | | 0.015 | 0.001 | 0.016 | 0.430 | 0.005 | 0.050 | 107.0 | 3.2 | | |
| 21 | 06 | 76 | 1230 | | | .3 | | 0.016 | 0.004 | 0.027 | 0.360 | 0.007 | 0.288 | 181.0 | 3.5 | | |
| 15 | 08 | 76 | 0815 | | | .3 | | 0.012 | 0.002 | 0.020 | 0.280 | 0.008 | 0.007 | 197.0 | 4.8 | | |
| 11 | 09 | 76 | 0900 | | | .3 | | 0.029 | 0.002 | 0.014 | 0.620 | 0.005 | 0.400 | 181.0 | 12.0 | | |
| 17 | 10 | 76 | 0830 | | | .3 | | 0.016 | 0.002 | 0.002 | 0.380 | 0.004 | 0.041 | 151.0 | 6.8 | | |
| 13 | 11 | 76 | 0910 | | | .3 | | 0.007 | 0.004 | 0.032 | 0.250 | 0.003 | 0.032 | 141.0 | 1.3 | | |
| 19 | 12 | 76 | 0900 | | | .3 | | 0.009 | 0.004 | 0.102 | 0.300 | 0.004 | 0.320 | 194.0 | 1.9 | | |
| MAXIMUM | | | | | | | | 0.029 | 0.007 | 0.366 | 0.810 | 0.010 | 0.500 | 197.0 | 12.0 | | 104 |
| AVG OR GEOM MN (*) | | | | | | | | 0.016 | 0.003 | 0.100 | 0.472 | 0.006 | 0.193 | 164.6 | 5.3 | | 104 |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.002 | 0.250 | 0.003 | 0.007 | 107.0 | 1.3 | | 104 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 7 | 8 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 0915 | | | .3 | | 355 | 3.10 | 15.0 | | | | | | | |
| 22 | 02 | 76 | 0900 | | | .3 | | 300 | 3.90 | 16.0 | | | | | | | |
| 21 | 03 | 76 | 0845 | | | .3 | | 450 | 4.30 | 80.0 | | | | | | | |
| 25 | 04 | 76 | 0900 | | | .3 | | 160 | 2.40 | 8.5 | | | | | | | |
| 24 | 05 | 76 | 0830 | | | .3 | | 165 | 1.20 | 8.0 | | | | | | | |
| 21 | 06 | 76 | 1230 | | | .3 | | 274 | 19.00 | 14.0 | | | | | | | |
| 15 | 08 | 76 | 0815 | | | .3 | | 295 | 2.00 | 16.0 | | | | | | | |
| 11 | 09 | 76 | 0900 | | | .3 | | 260 | 3.00 | 15.5 | | | | | | | |
| 17 | 10 | 76 | 0830 | | | .3 | | 225 | 1.60 | 14.5 | | | | | | | |
| 13 | 11 | 76 | 0910 | | | .3 | | 215 | 1.40 | 11.0 | | | | | | | |
| 19 | 12 | 76 | 0900 | | | .3 | | 295 | 3.00 | 15.0 | | | | | | | |
| MAXIMUM | | | | | | | | 450 | 19.00 | 80.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 272 | 4.08 | 19.4 | | | | | | | |
| MINIMUM | | | | | | | | 160 | 1.20 | 8.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: MEATBIRD CREEK
SAMPLE POINT: AT OLD HIGHWAY NO 17 LIVELY
STATION TYPE: RIVER

STATION ID: 14-0028-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 29 LAT LONG U.T.M. 17 0488600.0 5140350.0 4 REGION 05 MILEAGE 74.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 01 | 76 | 1355 | | | .3 | | 16405 | 6 8 9 | | | | | | 0.0 | 9.0 | 2.0 |
| 08 | 02 | 76 | 1410 | | | .3 | | 16461 | 4 6 8 | | 160. | 1. | 1. | | 0.0 | 8.0 | 1.4 |
| 07 | 03 | 76 | 1400 | | | .3 | | 16502 | 4 6 8 | | 240. | 10. L | 10. L | | 0.8 | 8.0 | 0.8 |
| 03 | 04 | 76 | 1405 | | | .3 | | 16529 | 3 6 8 | | 140. | 1. | 72. | | 0.0 | 8.0 | 0.8 |
| MAXIMUM | | | | | | | | | | | 240. | 10. | 72. | | 0.8 | 9.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 175.* | 2.* D | 9.* D | | 0.2 | 8.3 | 1.3 |
| MINIMUM | | | | | | | | | | | 140. | 1. | 1. | | 0.0 | 8.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 4 | 4 | 4 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 01 | 76 | 1355 | | | .3 | | 0.350 | 0.010 | 1.500 | 1.800 | 0.018 | 1.200 | | | | |
| 08 | 02 | 76 | 1410 | | | .3 | | 0.260 | 0.110 | 2.300 | 2.400 | 0.155 | 0.595 | | | | |
| 07 | 03 | 76 | 1400 | | | .3 | | 0.230 | 0.071 | 2.500 | 2.700 | 0.175 | 0.570 | | | | |
| 03 | 04 | 76 | 1405 | | | .3 | | 0.068 | 0.011 | 0.390 | 0.820 | 0.052 | 0.338 | | | | |
| MAXIMUM | | | | | | | | 0.350 | 0.110 | 2.500 | 2.700 | 0.175 | 1.200 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.227 | 0.051 | 1.673 | 1.930 | 0.100 | 0.676 | | | | |
| MINIMUM | | | | | | | | 0.068 | 0.010 | 0.390 | 0.820 | 0.018 | 0.338 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 01 | 76 | 1355 | | | .3 | | 490 | 7.00 | 21.3 | 215.0 | | | | | 6.80 | |
| 08 | 02 | 76 | 1410 | | | .3 | | 485 | 4.60 | 19.0 | 180.0 | | | | | 6.90 | |
| 07 | 03 | 76 | 1400 | | | .3 | | 495 | 6.20 | 23.0 | 185.0 | | | | | 7.20 | |
| 03 | 04 | 76 | 1405 | | | .3 | | 220 | 26.00 | 20.0 | 60.0 | | | | | 6.40 | |
| MAXIMUM | | | | | | | | 495 | 26.00 | 23.0 | 215.0 | | | | | 7.20 | |
| AVG OR GEOM MN (*) | | | | | | | | 423 | 10.95 | 20.8 | 160.0 | | | | | 6.83 | |
| MINIMUM | | | | | | | | 220 | 4.60 | 19.0 | 60.0 | | | | | 6.40 | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | | | | 4 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 10 | 01 | 76 | 1355 | | .3 | | | | | | 0.130 | | | 0.070 | | 1.503 |
| 08 | 02 | 76 | 1410 | | .3 | | | | | | 0.030 | | | 0.040 | 0.132 | 1.200 |
| 07 | 03 | 76 | 1400 | | .3 | | | | | | 0.020 | | | 0.070 | | 0.960 |
| 03 | 04 | 76 | 1405 | | .3 | | | | | | 0.130 | | | 0.150 | | 1.200 |
| | | | | | | | | | | | 0.130 | | | 0.150 | 0.132 | 1.503 |
| MAXIMUM | | | | | | | | | | | 0.078 | | | 0.083 | 0.132 | 1.215 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.020 | | | 0.040 | 0.132 | 0.960 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 4 | | | 4 | 1 | 4 |

B.O.W. / SITE: WHITSON RIVER
SAMPLE POINT: AT BRIDGE IN THE COMMUNITY OF BRADLEY
STATION TYPE: RIVER

STATION ID: 14-0026-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 30 | LAT | LONG | U.T.M. 17 0479600.0 5153600.0 4 | | | | REGION 05 | | | | MILEAGE | 80 60 | | | |
|--------------------|-----------|------------|---------------------|---------------------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1320 | | .3 | | 16427 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.8 |
| 21 | 02 | 76 | 1320 | | .3 | | 16469 | 4 6 8 | | | | | | 0.0 | 10.0 | 1.0 |
| 20 | 03 | 76 | 1245 | | .3 | | 16510 | 4 6 8 | | 40. | 1. | 1. | | 0.0 | 10.0 | 0.8 |
| 24 | 04 | 76 | 1220 | | .3 | | 16551 | 3 6 8 | | 60. | 16. | 1. | | 3.0 | 10.0 | 0.8 |
| 25 | 05 | 76 | 1235 | | .3 | | 16590 | 6 8 | | 84. | 1. | 8. | | 6.0 | 10.0 | 0.8 |
| 22 | 06 | 76 | 1215 | | .3 | | 16639 | 6 8 | | 44. | | | | 12.0 | 10.0 | 0.6 |
| 14 | 08 | 76 | 1255 | | .3 | | 16685 | 6 8 0 | | | | | | 18.0 | 10.0 | |
| 10 | 09 | 76 | 1245 | | .3 | | 16724 | 6 8 | | | | | | 15.0 | 10.0 | 0.5 |
| 16 | 10 | 76 | 1300 | | .3 | | 16767 | 6 8 | | | | | | 3.0 | 10.0 | 0.8 |
| 13 | 11 | 76 | 1250 | | .3 | | 16814 | 4 6 8 | | 12. | 2. | 1. | | 0.0 | 11.0 | 0.8 |
| 18 | 12 | 76 | 1400 | | .3 | | 16860 | 4 6 8 | | 12. | 6. | 2. L | | 0.0 | 10.0 | 0.6 |
| MAXIMUM | | | | | | | | | | 84. | 16. | 8. | | 18.0 | 11.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 33.* | 3.* | 2.* D | | 5.2 | 10.1 | 0.8 |
| MINIMUM | | | | | | | | | | 12. | 1. | 1. | | 0.0 | 10.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 6 | 5 | 5 | | 11 | 11 | 10 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1320 | | .3 | | 0.009 | 0.002 | 0.120 | 0.390 | 0.007 | 0.490 | | | | |
| 21 | 02 | 76 | 1320 | | .3 | | 0.021 | 0.002 | 0.164 | 0.610 | 0.007 | 0.518 | | | | |
| 20 | 03 | 76 | 1245 | | .3 | | 0.015 | 0.004 | 0.154 | 0.450 | 0.005 | 0.475 | | | | |
| 24 | 04 | 76 | 1220 | | .3 | | 0.024 | 0.004 | 0.028 | 0.600 | 0.006 | 0.084 | 130.0 | 10.0 | | |
| 25 | 05 | 76 | 1235 | | .3 | | 0.023 | 0.002 | 0.019 | 0.510 | 0.006 | 0.029 | 123.0 | 5.6 | | |
| 22 | 06 | 76 | 1215 | | .3 | | 0.037 | 0.008 | 0.010 | 0.480 | 0.005 | 0.100 | 186.0 | 4.3 | | |
| 14 | 08 | 76 | 1255 | | .3 | | | | | | | | | | | |
| 10 | 09 | 76 | 1245 | | .3 | | 0.013 | 0.001 | 0.012 | 0.290 | 0.002 | 0.143 | 219.0 | 7.8 | | |
| 16 | 10 | 76 | 1300 | | .3 | | 0.011 | 0.001 | 0.002 | 0.290 | 0.003 | 0.052 | 170.0 | 1.4 | | |
| 13 | 11 | 76 | 1250 | | .3 | | 0.008 | 0.002 | 0.012 | 0.230 | 0.003 | 0.027 | 164.0 | 1.1 | | |
| 18 | 12 | 76 | 1400 | | .3 | | 0.012 | 0.003 | 0.102 | 0.320 | 0.004 | 0.336 | 207.0 | 2.3 | | |
| MAXIMUM | | | | | | | 0.037 | 0.008 | 0.164 | 0.610 | 0.007 | 0.518 | 219.0 | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.003 | 0.062 | 0.417 | 0.005 | 0.225 | 171.3 | 4.6 | | |
| MINIMUM | | | | | | | 0.008 | 0.001 | 0.002 | 0.230 | 0.002 | 0.027 | 123.0 | 1.1 | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 7 | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1320 | | .3 | | 335 | 2.90 | 14.0 | | | | | | | |
| 21 | 02 | 76 | 1320 | | .3 | | 330 | 3.90 | 16.0 | | | | | | | |
| 20 | 03 | 76 | 1245 | | .3 | | 315 | 4.00 | 15.5 | | | | | | | |
| 24 | 04 | 76 | 1220 | | .3 | | 185 | 3.60 | 8.4 | | | | | | | |
| 25 | 05 | 76 | 1235 | | .3 | | 180 | 2.20 | 8.1 | | | | | | | |
| 22 | 06 | 76 | 1215 | | .3 | | 279 | 1.80 | 13.0 | | | | | | | |
| 14 | 08 | 76 | 1255 | | .3 | | 325 | 2.80 | 17.0 | | | | | | | |
| 10 | 09 | 76 | 1245 | | .3 | | 260 | 1.80 | 14.5 | | | | | | | |
| 16 | 10 | 76 | 1300 | | .3 | | 250 | 1.60 | 13.0 | | | | | | | |
| 13 | 11 | 76 | 1250 | | .3 | | 315 | 2.80 | 15.0 | | | | | | | |
| 18 | 12 | 76 | 1400 | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | 335 | 4.00 | 17.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 277 | 2.74 | 13.5 | | | | | | | |
| MINIMUM | | | | | | | 180 | 1.60 | 8.1 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: ROBERTS CREEK
 SAMPLE POINT: UPSTREAM FROM NATIONAL STEEL PUMPHOUSE
 STATION TYPE: RIVER

SELLWOOD
 MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SPANISH RIVER

STATION ID: 14-0028-032-02

STORET CODE: 02
 002
 7950

STN NO 32 LAT LONG U.T.M. 17 0497600.0 5187350.0 4 REGION 05 MILEAGE 149.90

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | B1 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 1010 | | | .3 | | 16434 | 4 | 6 | 8 | | | | 0.0 | 11.0 | 0.8 |
| 22 | 02 | 76 | 0940 | | | .3 | | 16476 | 4 | 6 | 8 | | | | 0.0 | 10.0 | 0.0 |
| 21 | 03 | 76 | 0920 | | | .3 | | 16517 | 4 | 6 | 8 | 1. | 1. | 1. | 0.0 | 10.0 | 3.0 |

| MAXIMUM | | | | | | | | 1. | 1. | 1. | 0.00 | 11.0 | 3.0 |
|--------------------|--|--|--|--|--|--|--|-----|-----|-----|------|------|-----|
| AVG OR GEOM MN (*) | | | | | | | | 1.* | 1.* | 1.* | 0.0 | 10.3 | 1.5 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | 0.0 | 10.0 | 0.8 |

| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | 3 | 3 | 3 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1010 | | | .3 | | 0.006 | 0.001 | 0.070 | 0.490 | 0.002 | 0.150 | 68.0 | 3.1 | | 65 |
| 22 | 02 | 76 | 0940 | | | .3 | | 0.015 | 0.001L | 0.162 | 0.600 | 0.003 | 0.032 | 76.0 | 27.0 | | 49 |
| 21 | 03 | 76 | 0920 | | | .3 | | 0.011 | 0.001 | 0.096 | 0.670 | 0.002 | 0.200 | 70.0 | 2.2 | | |

| MAXIMUM | | | | | | | | 0.015 | 0.001 | 0.162 | 0.670 | 0.003 | 0.200 | 76.0 | 27.0 | | 65 |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|-------|------|------|--|----|
| AVG OR GEOM MN (*) | | | | | | | | 0.011 | 0.001D | 0.109 | 0.587 | 0.002 | 0.127 | 71.3 | 10.8 | | 57 |
| MINIMUM | | | | | | | | 0.006 | 0.001 | 0.070 | 0.490 | 0.002 | 0.032 | 68.0 | 2.2 | | 49 |

| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 2 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1010 | | | .3 | | 100 | 1.50 | 2.1 | 21.0 | | 3.5 | 19 | 7.50 | 0.57 | |
| 22 | 02 | 76 | 0940 | | | .3 | | 75 | 2.80 | 2.0 | 16.5 | | 3.6 | 17 | 6.80 | 4.90 | |
| 21 | 03 | 76 | 0920 | | | .3 | | 104 | 1.60 | 3.8 | 21.0 | | 4.0 | 20 | 7.20 | 0.40 | |

| MAXIMUM | | | | | | | | 104 | 2.80 | 3.8 | 21.0 | | 4.0 | 20 | 7.50 | 4.90 | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|------|--|-----|----|------|------|--|
| AVG OR GEOM MN (*) | | | | | | | | 93 | 1.97 | 2.6 | 19.5 | | 3.7 | 19 | 7.17 | 1.96 | |
| MINIMUM | | | | | | | | 75 | 1.50 | 2.0 | 16.5 | | 3.5 | 17 | 6.80 | 0.40 | |

| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 3 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 25 | 01 | 76 | 1010 | | | .3 | | | 33.0 | | | 15 | | | | | |
| 22 | 02 | 76 | 0940 | | | .3 | | | 25.0 | | | 10 | | | | | |
| 21 | 03 | 76 | 0920 | | | .3 | | | 37.0 | | | 5 | | | | | |

| MAXIMUM | | | | | | | | 37.0 | | | | 15 | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|----|--|--|--|--|--|
| AVG OR GEOM MN (*) | | | | | | | | 31.7 | | | | 10 | | | | | |
| MINIMUM | | | | | | | | 25.0 | | | | 5 | | | | | |

| NO OF SAMPLES | | | | | | | | 3 | | | | 3 | | | | | |
|---------------|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|--|--|
|---------------|--|--|--|--|--|--|--|---|--|--|--|---|--|--|--|--|--|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1010 | | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.010L | | 0.020 |
| 22 | 02 | 76 | 0940 | | | .3 | | | | | 0.020L | 0.010L | 0.010L | | 0.060 | | 0.020L |
| 21 | 03 | 76 | 0920 | | | .3 | | | | | 0.02 L | 0.02 L | 0.01 L | | 0.14 | | 0.02 |

| MAXIMUM | | | | | | | | | | | 0.020 | 0.02 | 0.010 | | 0.14 | | 0.020 |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|--------|--------|--|--------|--|--------|
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.020D | 0.013D | 0.010D | | 0.070D | | 0.020D |
| MINIMUM | | | | | | | | | | | 0.020 | 0.010 | 0.010 | | 0.010 | | 0.020 |

| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | | 3 |
|---------------|--|--|--|--|--|--|--|--|--|--|---|---|---|--|---|--|---|
|---------------|--|--|--|--|--|--|--|--|--|--|---|---|---|--|---|--|---|

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWLING 6 MILES WEST OF CHELMSFORD
STATION TYPE: RIVER

STATION ID: 14-0028-033-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 33 LAT LONG U.T.M. 17 0475625.0 5157300.0 4 REGION 05 MILEAGE 95.80

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----------|----|-----------|-------|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 24 01 76 1145 | | .3 | | 16424 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.4 |
| 21 02 76 1130 | | .3 | | 16456 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.4 |
| 20 03 76 1110 | | .3 | | 16507 | 4 6 8 | | 12. | 1. | 1. | | 0.0 | 12.0 | 0.8 |
| 24 04 76 1120 | | .3 | | 16549 | 3 6 8 | | 24. | 1. | 1. | | 2.0 | 11.0 | 0.8 |
| 23 05 76 1125 | | .3 | | 16588 | 6 8 | | 32. | 1. | 1. | | 5.0 | 11.0 | 0.8 |
| 22 06 76 1105 | | .3 | | 16637 | 6 8 | | 20. | | | | 11.0 | 12.0 | 0.4 |
| 14 08 76 1150 | | .3 | | 16683 | 6 8 | | | | | | 17.0 | 12.0 | |
| 10 09 76 1130 | | .3 | | 16722 | 6 8 | | | | | | 14.0 | 11.0 | 0.6 |
| 16 10 76 1200 | | .3 | | 16755 | 6 8 | | | | | | 2.0 | 12.0 | 1.0 |
| 13 11 76 1145 | | .3 | | 16812 | 6 8 | | 1. | 1. | 1. | | 0.0 | 12.0 | 1.0 |
| 18 12 76 1515 | | .3 | | 16852 | 4 6 8 | | 4. | 2. L | 2. L | | 0.0 | 11.0 | 0.4 |

| | | | | | | |
|--------------------|------|-------|-------|------|------|-----|
| MAXIMUM | 32. | 2. | 2. | 17.0 | 12.0 | 1.0 |
| AVG OR GEOM MN (*) | 10.* | 1.* D | 1.* D | 4.6 | 11.5 | 0.7 |
| MINIMUM | 1. | 1. | 1. | 0.0 | 11.0 | 0.4 |
| NO OF SAMPLES | 6 | 5 | 5 | 11 | 11 | 10 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|--------------|--------------------------|--------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 24 01 76 1145 | | .3 | | 0.013 | 0.002 | 0.160 | 0.990 | 0.010 | 0.110 | 89.0 | 1.3 | | 88 |
| 21 02 76 1130 | | .3 | | 0.011 | 0.004 | 0.172 | 0.370 | 0.020 | 0.285 | 115.0 | 1.6 | | 114 |
| 20 03 76 1110 | | .3 | | 0.018 | 0.002 | 0.172 | 0.390 | 0.014 | | 116.0 | 2.2 | | |
| 24 04 76 1120 | | .3 | | 0.012 | 0.003 | 0.030 | 0.250 | 0.004 | 0.076 | 90.0 | 44.0 | | |
| 23 05 76 1125 | | .3 | | 0.012 | 0.001 | 0.018 | 0.290 | 0.005 | 0.975 | 55.0 | 3.1 | | |
| 22 06 76 1105 | | .3 | | 0.011 | 0.001 | 0.010 | 0.220 | 0.002 | 0.005L | 74.0 | 2.4 | | |
| 14 08 76 1150 | | .3 | | | | | | | | | | | |
| 10 09 76 1130 | | .3 | | 0.012 | 0.001 | 0.010 | 0.270 | 0.001L | 0.005 | 102.0 | 3.9 | | |
| 16 10 76 1200 | | .3 | | 0.005 | 0.001 | 0.036 | 0.180 | 0.001 | 0.019 | 110.0 | 3.2 | | |
| 13 11 76 1145 | | .3 | | 0.009 | 0.001 | 0.036 | 0.420 | 0.003 | 0.022 | 96.0 | 2.1 | | |
| 18 12 76 1515 | | .3 | | 0.014 | 0.001 | 0.060 | 0.240 | 0.008 | 0.007 | 103.0 | 1.5 | | |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|--------|--------|-------|------|-----|
| MAXIMUM | 0.018 | 0.004 | 0.172 | 0.990 | 0.020 | 0.975 | 116.0 | 44.0 | 114 |
| AVG OR GEOM MN (*) | 0.012 | 0.002 | 0.070 | 0.362 | 0.007D | 0.167D | 95.0 | 6.5 | 101 |
| MINIMUM | 0.005 | 0.001 | 0.010 | 0.180 | 0.001 | 0.005 | 55.0 | 1.3 | 88 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 2 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-----------------|----------------------|---------------|---------------|---------------------------|--------------|---------------------|-----------|-----------------|-----------------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 24 01 76 1145 | | .3 | | 135 | 1.00 | 4.7 | 31.0 | | 4.3 | 18 | 7.70 | 0.25 | |
| 21 02 76 1130 | | .3 | | 175 | 1.20 | 7.3 | 55.0 | | 5.2 | 16 | 6.90 | 0.30 | |
| 20 03 76 1110 | | .3 | | 175 | 1.00 | 7.6 | 49.0 | | 2.0 | 17 | 7.00 | 0.40 | |
| 24 04 76 1120 | | .3 | | 70 | 4.60 | 1.7 | 16.0 | | 4.5 | 9 | 6.20 | | 0.700 |
| 23 05 76 1125 | | .3 | | 80 | 1.70 | 2.3 | 20.0 | | 1.9 | 11 | 6.94 | | 0.190 |
| 22 06 76 1105 | | .3 | | 108 | 1.90 | 3.1 | 25.5 | | 4.3 | 17 | 7.58 | | 0.190 |
| 10 09 76 1130 | | .3 | | 148 | 2.00 | 5.4 | 34.0 | | 1.3 | 27 | 7.54 | | 0.070 |
| 16 10 76 1200 | | .3 | | 165 | 1.50 | 6.6 | 38.5 | | 2.6 | 24 | 7.60 | | 0.120 |
| 13 11 76 1145 | | .3 | | 146 | 1.20 | 5.5 | 32.5 | | 2.0 | 25 | 7.78 | | 0.150 |
| 18 12 76 1515 | | .3 | | 155 | 1.00 | 6.3 | | | 3.0 | 21 | 7.30 | | 0.200 |

| | | | | | | | | | |
|--------------------|-----|------|-----|------|-----|----|------|------|-------|
| MAXIMUM | 175 | 4.60 | 7.6 | 55.0 | 5.2 | 27 | 7.78 | 0.40 | 0.700 |
| AVG OR GEOM MN (*) | 136 | 1.71 | 5.1 | 33.5 | 3.1 | 19 | 7.25 | 0.32 | 0.231 |
| MINIMUM | 70 | 1.00 | 1.7 | 16.0 | 1.3 | 9 | 6.20 | 0.25 | 0.070 |
| NO OF SAMPLES | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 3 | 7 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----------|----|--------------|----------------------|--------------------|----------------------|--------------------|----------------|----------------|---------------------|----------|------------------------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRABLES MG/L |
| 24 01 76 1145 | | .3 | | | 47.0 | | | 10 | | | | | |
| 21 02 76 1130 | | .3 | | | 61.0 | | | 10 | | | | | |
| 20 03 76 1110 | | .3 | | | 62.0 | | | 5L | | | | | |
| 24 04 76 1120 | | .3 | | 1.0L | 22.0 | | | 20 | | | | | |
| 23 05 76 1125 | | .3 | | 1.0L | 27.0 | | | 20 | | | | | |
| 22 06 76 1105 | | .3 | | 1.0 | 40.0 | 12.20 | 2.25 | 15 | | | | | |
| 10 09 76 1130 | | .3 | | 1.0L | 52.0 | 16.00 | 3.00 | 10 | | | | | |
| 16 10 76 1200 | | .3 | | 1.0L | 64.0 | 19.00 | 3.50 | 10 | | | | | |
| 13 11 76 1145 | | .3 | | 1.0 | 57.0 | | | 15 | | | | | |
| 18 12 76 1515 | | .3 | | | 61.0 | | | 15 | | | | | |

| | | | | | |
|--------------------|------|------|-------|------|-----|
| MAXIMUM | 1.0 | 64.0 | 19.00 | 3.50 | 20 |
| AVG OR GEOM MN (*) | 1.0D | 49.3 | 15.73 | 2.92 | 13D |
| MINIMUM | 1.0 | 22.0 | 12.20 | 2.25 | 5 |
| NO OF SAMPLES | 6 | 10 | 3 | 3 | 10 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COFFER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|--------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1145 | | | .3 | | | | | 0.020L | 0.010 | 0.010L | | 0.010L | | 0.050 |
| 21 | 02 | 76 | 1130 | | | .3 | | | | | 0.020L | 0.020 | 0.010L | | 0.080 | | 0.070 |
| 20 | 03 | 76 | 1110 | | | .3 | | | | | 0.020L | 0.020L | 0.010L | | 0.060 | | 0.050 |
| 24 | 04 | 76 | 1120 | | | .3 | 0.001L | | | | 0.010L | 0.020L | 0.010L | | 0.010 | | 0.010L |
| 23 | 05 | 76 | 1125 | | | .3 | 0.010L | | | | 0.020L | 0.020 | 0.010L | | 0.040 | | 0.040 |
| 22 | 06 | 76 | 1105 | | | .3 | 0.001L | | | | 0.010L | 0.010 | 0.010L | | 0.060 | | 0.040 |
| 14 | 08 | 76 | 1150 | | | .3 | 0.001L | | | | 0.020 | 0.020 | 0.010L | | 0.020 | | 0.030 |
| 10 | 09 | 76 | 1130 | | | .3 | 0.001L | | | | 0.010 | 0.040 | 0.010L | | 0.010L | | 0.040 |
| 16 | 10 | 76 | 1200 | | | .3 | 0.001L | | | | 0.020L | 0.030 | 0.010L | | 0.020 | | 0.040 |
| 13 | 11 | 76 | 1145 | | | .3 | 0.001L | | | | 0.010 | 0.040 | 0.010L | | 0.030 | | 0.060 |
| 18 | 12 | 76 | 1515 | | | .3 | 0.001L | | | | 0.010L | 0.040 | 0.010L | | 0.040 | | 0.060 |
| MAXIMUM | | | | | | | | 0.010 | | | 0.020 | 0.040 | 0.050 | | 0.080 | | 0.080 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0020 | | | 0.0150 | 0.0250 | 0.0140 | | 0.0360 | | 0.0540 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 0.010 | 0.010 | | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 8 | | | 11 | 11 | 11 | | 11 | | 11 |

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: END OF MC CHARLES LAKE ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-034-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORE CODE: 02
002
7950

| STN NO | 34 | LAT | LONG | U.T.M. | 17 | 0480550.0 | 5135950.0 | 4 | REGION | 05 | MILEAGE | 68.60 | | | | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|-----------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 | 04 | 76 | 1805 | | | .3 | | 16582 | 6 8 9 | | | | | | 3.0 | 9.0 | 0.8 |
| 30 | 05 | 76 | 1550 | | | .3 | | 16621 | 6 8 9 | | 10. L | 10. L | 10. L | | 6.0 | 8.0 | 3.8 |
| 26 | 06 | 76 | 1305 | | | .3 | | 16648 | 6 8 9 | | 100. | | 1. | | 12.0 | 8.0 | 3.8 |
| 06 | 08 | 76 | 1315 | | | .3 | | 16665 | 6 8 9 | | | | | | 19.0 | 9.0 | 1.4 |
| 06 | 09 | 76 | 1320 | | | .3 | | 16716 | 6 8 9 | | 4. | 1. | 1. | | 18.0 | 10.0 | 2.0 |
| 11 | 10 | 76 | 1335 | | | .3 | | 16758 | 6 8 9 | | 30. | 1. | 1. | | 4.0 | 9.0 | 2.0 |
| MAXIMUM | | | | | | | | | | | 100. | 10. | 10. | | 19.0 | 10.0 | 3.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 19. * D | 2. * D | 2. * D | | 10.3 | 8.8 | 2.3 |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | | 3.0 | 8.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 3 | 4 | | 6 | 6 | 6 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 29 | 04 | 76 | 1805 | | | .3 | | 0.034 | 0.003 | 2.520 | 3.450 | 0.032 | 0.473 | 280.0 | 20.0 | | |
| 30 | 05 | 76 | 1550 | | | .3 | | 0.044 | 0.002 | 1.700 | 3.300 | 0.044 | 0.411 | 310.0 | 15.0 | | |
| 26 | 06 | 76 | 1305 | | | .3 | | 0.018 | 0.002 | 1.660 | 2.300 | 0.090 | 0.890 | 344.0 | 3.6 | | |
| 06 | 08 | 76 | 1315 | | | .3 | | 0.022 | 0.002 | 1.120 | 2.200 | 0.200 | 1.150 | 415.0 | 4.6 | | |
| 06 | 09 | 76 | 1320 | | | .3 | | 0.051 | 0.004 | 1.500 | 2.200 | 0.340 | 1.300 | 572.0 | 14.0 | | |
| 11 | 10 | 76 | 1335 | | | .3 | | 0.027 | 0.001 | 5.000 | 5.100 | 0.170 | 1.930 | 994.0 | 4.2 | | |
| MAXIMUM | | | | | | | | 0.051 | 0.004 | 5.000 | 5.100 | 0.340 | 1.930 | 994.0 | 20.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.033 | 0.002 | 2.250 | 3.092 | 0.146 | 1.026 | 485.8 | 10.2 | | |
| MINIMUM | | | | | | | | 0.018 | 0.001 | 1.120 | 2.200 | 0.032 | 0.411 | 280.0 | 3.6 | | |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 29 | 04 | 76 | 1805 | | | .3 | | 400 | 3.90 | 25.5 | 145.0 | | 5.8 | 11 | 7.05 | | 0.430 |
| 30 | 05 | 76 | 1550 | | | .3 | | 445 | 5.20 | 27.5 | 150.0 | | 0.0 | 14 | 8.60 | | 0.260 |
| 26 | 06 | 76 | 1305 | | | .3 | | 520 | 1.90 | 32.5 | 180.0 | | 2.6 | 15 | 7.29 | | 0.090 |
| 06 | 08 | 76 | 1315 | | | .3 | | 600 | 1.50 | 38.0 | 210.0 | | 22.0 | 16 | 7.30 | | 0.130 |
| 06 | 09 | 76 | 1320 | | | .3 | | 840 | 2.60 | 55.0 | 335.0 | | 1.3 | 14 | 7.50 | | 0.140 |
| 11 | 10 | 76 | 1335 | | | .3 | | 1550 | 2.20 | 80.0 | 540.0 | | 3.7 | 15 | 6.61 | | 0.170 |
| MAXIMUM | | | | | | | | 1550 | 5.20 | 80.0 | 540.0 | | 22.0 | 16 | 8.60 | | 0.430 |
| AVG OR GEOM MN (*) | | | | | | | | 726 | 2.88 | 43.1 | 260.0 | | 5.9 | 14 | 7.39 | | 0.203 |
| MINIMUM | | | | | | | | 400 | 1.50 | 25.5 | 145.0 | | 0.0 | 11 | 6.61 | | 0.090 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 6 | 6 | | 6 | 6 | 6 | | 6 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 29 | 04 | 76 | 1805 | | | .3 | | 1.0L | 109.0 | | | | | | | | |
| 30 | 05 | 76 | 1550 | | | .3 | | 1.0L | 173.0 | | | | | | | | |
| 26 | 06 | 76 | 1305 | | | .3 | | 1.0 | 154.0 | | | | | | | | |
| 06 | 08 | 76 | 1315 | | | .3 | | 1.0L | 190.0 | 58.00 | 11.00 | | | | | | |
| 06 | 09 | 76 | 1320 | | | .3 | | 1.0 | 269.0 | 82.00 | 15.50 | | | | | | |
| 11 | 10 | 76 | 1335 | | | .3 | | 1.0L | 425.0 | 128.00 | 22.50 | | | | | | |
| MAXIMUM | | | | | | | | 1.0 | 425.0 | 128.00 | 22.50 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | 220.0 | 89.33 | 16.33 | | | | | | |
| MINIMUM | | | | | | | | 1.0 | 109.0 | 58.00 | 11.00 | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | 6 | 3 | 3 | | 6 | | | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|-----------------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 29 | 04 | 76 | 1805 | | .3 | | 0.001 | | | 0.010L | 0.100 | 0.010L | | 0.020 | | 0.550 |
| 30 | 05 | 76 | 1550 | | .3 | | 0.001 | | | 0.010L | 0.030 | 0.010L | | 0.030 | | 0.360 |
| 26 | 06 | 76 | 1305 | | .3 | | 0.002 | | | 0.010L | 0.030 | 0.010L | | 0.070 | | 0.190 |
| 06 | 08 | 76 | 1315 | | .3 | | 0.005 | | | 0.020 | 0.070 | 0.010L | | 0.020 | | 0.310 |
| 06 | 09 | 76 | 1320 | | .3 | | 0.005 | | | 0.010L | 0.060 | 0.010L | | 0.020 | | 0.540 |
| 11 | 10 | 76 | 1335 | | .3 | | 0.002 | | | 0.020 | 0.060 | 0.010L | | 0.030 | | 1.900 |
| MAXIMUM | | | | | | | 0.005 | | | 0.020 | 0.100 | 0.010 | | 0.070 | | 1.900 |
| AVG OR GEOM MN (*) | | | | | | | 0.003 | | | 0.013D | 0.058 | 0.0100 | | 0.032 | | 0.642 |
| MINIMUM | | | | | | | 0.001 | | | 0.010 | 0.030 | 0.010 | | 0.020 | | 0.190 |
| NO OF SAMPLES | | | | | | | 6 | | | 6 | 6 | 6 | | 6 | | 6 |

B.O.W. / SITE: FINLAND CREEK

SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH COPPER CLIFF CREEK

STATION TYPE: RIVER

STATION ID: 14-0028-035-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SPANISH RIVER

STORET CODE: 02

002

7950

| STN NO | 35 | LAT | LONG | U.T.M. 17 0494900.0 5146500.0 4 | | | | REGION 05 | MILEAGE | 82.40 | | | | | | |
|--------------------|-----------|----------|-----------|---------------------------------|-----------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1445 | | .3 | | 16429 | 6 8 | | | | | | 0.0 | 8.0 | 20.0 |
| 21 | 02 | 76 | 1440 | | .3 | | 16471 | 6 8 | | | | | | 0.0 | 9.0 | 45.0 |
| 20 | 03 | 76 | 1405 | | .3 | | 16512 | 6 8 | | 10. | 1. | 20. | | 0.0 | 8.0 | 70.0 |
| MAXIMUM | | | | | | | | | | 10. | 1. | 20. | | 0.00 | 9.0 | 70.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 10.* | 1.* | 20.* | | 0.0 | 8.3 | 45.0 |
| MINIMUM | | | | | | | | | | 10. | 1. | 20. | | 0.0 | 8.0 | 20.0 |
| NO OF SAMPLES | | | | | | | | | | 1 | 1 | 1 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|-----------------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1445 | | .3 | | 0.036 | 0.001L | 58.000 | 64.000 | 0.078 | 0.130 | | | | |
| 21 | 02 | 76 | 1440 | | .3 | | 0.005 | 0.001L | 50.000 | 65.000 | 0.053 | 0.212 | 2645.0 | 14.0 | | |
| 20 | 03 | 76 | 1405 | | .3 | | 0.058 | 0.002 | 46.500 | 61.000 | 0.046 | 4.800 | 2438.0 | 47.0 | | |
| MAXIMUM | | | | | | | 0.058 | 0.002 | 58.000 | 65.000 | 0.078 | 4.800 | 2645.0 | 47.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.033 | 0.001D | 51.500 | 63.333 | 0.059 | 1.714 | 2541.5 | 30.5 | | |
| MINIMUM | | | | | | | 0.005 | 0.001 | 46.500 | 61.000 | 0.046 | 0.130 | 2438.0 | 14.0 | | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|-----------------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1445 | | .3 | | 3200 | 7.80 | 225.0 | 2000.0 | | | | | | |
| 21 | 02 | 76 | 1440 | | .3 | | 3100 | 6.30 | 155.0 | 1450.0 | | | | | | |
| 20 | 03 | 76 | 1405 | | .3 | | 2900 | 18.00 | 270.0 | 650.0 | | 9.0 | 56 | 6.90 | 2.00 | |
| MAXIMUM | | | | | | | 3200 | 18.00 | 270.0 | 2000.0 | | 9.0 | 56 | 8.00 | 2.00 | |
| AVG OR GEOM MN (*) | | | | | | | 3067 | 10.70 | 216.7 | 1366.7 | | 9.0 | 54 | 7.45 | 1.28 | |
| MINIMUM | | | | | | | 2900 | 6.30 | 155.0 | 650.0 | | 9.0 | 51 | 6.90 | 0.55 | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | | 1 | 2 | 2 | 2 | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|-----------|---------------------|-----------------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1445 | | .3 | | | | | | | | | | | |
| 21 | 02 | 76 | 1440 | | .3 | | | 989.0 | | | | | | | | |
| 20 | 03 | 76 | 1405 | | .3 | | | 598.0 | | | | | | | | |
| MAXIMUM | | | | | | | | 989.0 | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 793.5 | | | | | | | | |
| MINIMUM | | | | | | | | 598.0 | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 2 | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|-----------------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 01 | 76 | 1445 | | .3 | | | | | 0.020L | 0.150 | 0.010L | | 0.010L | | 1.600 |
| 21 | 02 | 76 | 1440 | | .3 | | | | | 0.020L | 0.210 | 0.010L | | 0.020L | | 2.100 |
| 20 | 03 | 76 | 1405 | | .3 | | | | | 0.020L | 0.230 | 0.010L | | 0.080 | | 1.100 |
| MAXIMUM | | | | | | | | | | 0.020 | 0.230 | 0.010 | | 0.080 | | 2.100 |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.020D | 0.197 | 0.010D | | 0.037D | | 1.600 |
| MINIMUM | | | | | | | | | | 0.020 | 0.150 | 0.010 | | 0.010 | | 1.100 |
| NO OF SAMPLES | | | | | | | | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W./ SITE: SPANISH RIVER
 SAMPLE POINT: AT BRIDGE SOUTH OF THE TOWN OF MASSEY
 STATION TYPE: RIVER

STATION ID: 14-0028-038-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: SPANISH RIVER

STORET CODE: 02
 002
 7950

| STN NO | 38 | LAT | LONG | U.T.M. 17 0417750.0 5117450.0 4 | REGION 05 | MILEAGE | 18.70 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|-------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 18 01 76 | 1200 | | | | | .3 | | 14008 | | | | | | | | | 1.0 |
| 08 02 76 | 1000 | | | | | .3 | | 14034 | 4 | | | | | 0.0 | 12.0 | | 0.8 |
| 29 02 76 | 1715 | | | | | .3 | | 14057 | 4 | | | | | 0.0 | 13.0 | | 1.6 |
| 21 03 76 | 1420 | | | | | .3 | | 14083 | 4 | | | | | 0.0 | 11.5 | | 4.5 |
| 21 11 76 | 1200 | | | | | .3 | | 14160 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | | | 0.00 | 13.0 | | 4.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 0.0 | 12.2 | | 2.0 |
| MINIMUM | | | | | | | | | | | | | | 0.0 | 11.5 | | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | | | | 3 | 3 | | 4 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 18 01 76 | 1200 | | | | | .3 | | 0.012 | 0.004 | 0.120 | 0.420 | 0.005 | 0.150 | 52.0 | 3.0 | | 49 |
| 08 02 76 | 1000 | | | | | .3 | | 0.018 | 0.005 | 0.100 | 0.360 | 0.002 | 0.173 | 51.0 | 2.0 | | 49 |
| 29 02 76 | 1715 | | | | | .3 | | 0.007 | 0.001 | 0.100 | 0.370 | 0.004 | 0.206 | | | | |
| 21 03 76 | 1420 | | | | | .3 | | 0.015 | 0.002 | 0.088 | 0.440 | 0.005 | 0.155 | | | | |
| 21 11 76 | 1200 | | | | | .3 | | 0.016 | 0.007 | 0.028 | 0.660 | 0.014 | 0.260 | 134.0 | 3.7 | | 130 |
| MAXIMUM | | | | | | | | 0.018 | 0.007 | 0.120 | 0.660 | 0.014 | 0.260 | 134.0 | 3.7 | | 130 |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.004 | 0.087 | 0.450 | 0.006 | 0.189 | 79.0 | 2.9 | | 76 |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.028 | 0.360 | 0.002 | 0.150 | 51.0 | 2.0 | | 49 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 3 | | 3 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 18 01 76 | 1200 | | | | | .3 | | 75 | 1.20 | 2.0 | | 2.90 | | 14 | 7.10 | | |
| 08 02 76 | 1000 | | | | | .3 | | 74 | 1.40 | 2.2 | 20.0 | 2.70 | | | 7.00 | 0.23 | |
| 29 02 76 | 1715 | | | | | .3 | | 85 | 0.95 | 5.0 | | | | | | | |
| 21 03 76 | 1420 | | | | | .3 | | 135 | | 9.2 | 24.5 | 2.40 | | | | 0.30 | |
| 21 11 76 | 1200 | | | | | .3 | | 200 | 2.40 | 18.5 | 43.5 | 2.65 | | | 7.02 | | 0.700 |
| MAXIMUM | | | | | | | | 200 | 2.40 | 18.5 | 43.5 | 2.90 | | 14 | 7.10 | 0.30 | 0.700 |
| AVG OR GEOM MN (*) | | | | | | | | 114 | 1.49 | 7.4 | 29.3 | 2.66 | | 14 | 7.04 | 0.27 | 0.700 |
| MINIMUM | | | | | | | | 74 | 0.95 | 2.0 | 20.0 | 2.40 | | 14 | 7.00 | 0.23 | 0.700 |
| NO OF SAMPLES | | | | | | | | 5 | 4 | 5 | 3 | 4 | | 1 | 3 | 2 | 1 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 18 01 76 | 1200 | | | | | .3 | | 1.0L | | 6.00 | | | | | | | |
| 08 02 76 | 1000 | | | | | .3 | | 2.0 | | | | | | | 6 | 12 | |
| 29 02 76 | 1715 | | | | | .3 | | | | | | | | | | | |
| 21 03 76 | 1420 | | | | | .3 | | 1.0L | | | | | | | | | |
| 21 11 76 | 1200 | | | | | .3 | | 13.0 | | | | | | | 15 | | |
| MAXIMUM | | | | | | | | 13.0 | | 6.00 | | | | | 15 | 12 | |
| AVG OR GEOM MN (*) | | | | | | | | 4.30 | | 6.00 | | | | | 11 | 12 | |
| MINIMUM | | | | | | | | 1.0 | | 6.00 | | | | | 6 | 12 | |
| NO OF SAMPLES | | | | | | | | 4 | | 1 | | | | | 2 | 1 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL Mn MG/L | 238 TOTAL NICKEL MG/L |
| 18 01 76 | 1200 | | | | | .3 | | | | | | | | | | 0.030 | |
| 08 02 76 | 1000 | | | | | .3 | | 0.000L | | | 0.020L | 0.010L | 0.010L | 0.010L | 0.040 | | 0.040 |
| 29 02 76 | 1715 | | | | | .3 | | | | 0.090 | | | | | | | |
| 17 11 76 | 1200 | | | | | .3 | | 0.001L | 0.02 L | | 0.01 L | 0.01 L | 0.01 L | 0.005L | 0.01 L | | 0.06 |
| MAXIMUM | | | | | | | | 0.001 | 0.02 | 0.090 | 0.020 | 0.010 | 0.010 | 0.010 | 0.040 | 0.030 | 0.06 |
| AVG OR GEOM MN (*) | | | | | | | | 0.0010 | 0.02 0 | 0.090 | 0.0150 | 0.0100 | 0.0100 | 0.0080 | 0.0250 | 0.030 | 0.050 |
| MINIMUM | | | | | | | | 0.000 | 0.02 | 0.090 | 0.01 | 0.010 | 0.010 | 0.005 | 0.01 | 0.030 | 0.040 |
| NO OF SAMPLES | | | | | | | | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |

B.O.W. / SITE: VERMILION RIVER
SAMPLE POINT: AT BELFOUR MORGAN TOWNSHIP LINE
STATION TYPE: RIVER

STATION ID: 14-0028-039-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 39 | LAT | LONG | U.T.M. 17 0481690.0 5163725.0 4 | | | | | | REGION 05 | | MILEAGE | 103.60 | |
|--------------------|------|-----|-------|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|---------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 800 |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 01 76 1215 | | | .3 | | 16425 | 4 6 8 | | | | | | 0.0 | 10.0 | 0.4 |
| 21 02 76 1200 | | | .3 | | 16467 | 4 6 8 | | | | | | 0.0 | 11.0 | 0.4 |
| 20 03 76 1135 | | | .3 | | 16508 | 4 6 8 | | 20. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| MAXIMUM | | | | | | | | 20. | 1. | 1. | | 0.00 | 11.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 20.* | 1.* | 1.* | | 0.0 | 10.7 | 0.6 |
| MINIMUM | | | | | | | | 20. | 1. | 1. | | 0.0 | 10.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 1 | 1 | 1 | | 3 | 3 | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 01 76 1215 | | | .3 | | 0.016 | 0.012 | 0.130 | 0.400 | 0.008 | 0.080 | 91.0 | 3.8 | | |
| 21 02 76 1200 | | | .3 | | 0.012 | 0.003 | 0.174 | 0.400 | 0.020 | 0.260 | 116.0 | 2.1 | | 114 |
| 20 03 76 1135 | | | .3 | | 0.022 | 0.002 | 0.164 | 0.410 | 0.015 | 0.200 | 116.0 | 2.1 | | |
| MAXIMUM | | | | | 0.022 | 0.012 | 0.174 | 0.410 | 0.020 | 0.260 | 116.0 | 3.8 | | 114 |
| AVG OR GEOM MN (*) | | | | | 0.017 | 0.006 | 0.156 | 0.403 | 0.014 | 0.180 | 107.7 | 2.7 | | 114 |
| MINIMUM | | | | | 0.012 | 0.002 | 0.130 | 0.400 | 0.008 | 0.080 | 91.0 | 2.1 | | 114 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | 1 |

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 24 01 76 1215 | | .3 | | 140 | 1.10 | 4.8 | | | | | | | |
| 21 02 76 1200 | | .3 | | 175 | 1.40 | 7.3 | | | | | | | |
| 20 03 76 1135 | | .3 | | 175 | 1.40 | 7.6 | | | | | | | |
| MAXIMUM | | | | 175 | 1.40 | 7.6 | | | | | | | |
| AVG OR GEOM MN (*) | | | | 163 | 1.30 | 6.6 | | | | | | | |
| MINIMUM | | | | 140 | 1.10 | 4.8 | | | | | | | |
| NO OF SAMPLES | | | | 3 | 3 | 3 | | | | | | | |

B.O.W. / SITE: JUNCTION CREEK WEST BRANCH
SAMPLE POINT: AT LASALLE BLVD SUDBURY
STATION TYPE: RIVER

STATION ID: 14-0028-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 40 | LAT | LONG | U.T.M. 17 0501570.0 5151860.0 4 | | | | | | REGION 05 | | MILEAGE | 86.20 | |
|--------------------|------|-----|-------|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|---------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 800 |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 17 10 76 1430 | | | .3 | | 16784 | 6 8 | | 10. L | 1. | 1. | | 2.0 | 7.0 | 0.4 |
| 14 11 76 1450 | | | .3 | | 16832 | 6 8 | | 24. L | 1. | 1. | | 0.0 | 8.0 | 0.9 |
| 19 12 76 1400 | | | .3 | | 16876 | | | 4. L | 2. L | 2. L | | | | 1.2 |
| MAXIMUM | | | | | | | | 24. | 2. | 2. | | 2.0 | 8.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | 10.* D | 1.* D | 1.* D | | 1.0 | 7.5 | 0.8 |
| MINIMUM | | | | | | | | 4. | 1. | 1. | | 0.0 | 7.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | 2 | 2 | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 10 76 1430 | | | .3 | | 0.013 | 0.003 | 3.300 | 3.900 | 0.002 | 2.100 | 1055.0 | 12.0 | | |
| 14 11 76 1450 | | | .3 | | 0.024 | 0.003 | 6.000 | 10.100 | 0.006 | 5.190 | 1252.0 | 22.0 | | |
| 19 12 76 1400 | | | .3 | | 0.003 | 0.001 | 4.500 | 4.600 | 0.011 | 2.950 | 912.0 | 16.0 | | |
| MAXIMUM | | | | | 0.024 | 0.003 | 6.000 | 10.100 | 0.011 | 5.190 | 1252.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.013 | 0.002 | 4.600 | 6.200 | 0.006 | 3.413 | 1073.0 | 16.7 | | |
| MINIMUM | | | | | 0.003 | 0.001 | 3.300 | 3.900 | 0.002 | 2.100 | 912.0 | 12.0 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 10 | 76 | 1430 | | | .3 | | 1280 | 8.40 | 60.0 | 525.0 | | 73.0 | 1 | 4.57 | | 0.460 |
| 14 | 11 | 76 | 1450 | | | .3 | | 1550 | 22.00 | 83.0 | 640.0 | | 74.0 | 3 | 4.51 | | 0.440 |
| 19 | 12 | 76 | 1400 | | | .3 | | 1210 | 19.00 | 95.0 | 390.0 | | 33.0 | 35 | 6.60 | | 0.530 |
| | | | | | | | | MAXIMUM | 1550 | 22.00 | 95.0 | 640.0 | 74.0 | 35 | 6.60 | | 0.530 |
| AVG OR GEOM MN (%) | | | | | | | | 1347 | 16.47 | 79.3 | 518.3 | 60.0 | 13 | 5.23 | | | 0.477 |
| MINIMUM | | | | | | | | 1210 | 8.40 | 60.0 | 390.0 | 33.0 | 1 | 4.51 | | | 0.440 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 17 | 10 | 76 | 1430 | | | .3 | | 1.0L | 536.0 | 119.00 | 58.00 | 20 | | | | | |
| 14 | 11 | 76 | 1450 | | | .3 | | 2.0 | 594.0 | 125.00 | 68.50 | 20 | | | | | |
| 19 | 12 | 76 | 1400 | | | .3 | | 1.0 | 462.0 | 101.00 | 51.00 | 30 | | | | | |
| | | | | | | | | MAXIMUM | 2.0 | 594.0 | 125.00 | 68.50 | 30 | | | | |
| AVG OR GEOM MN (%) | | | | | | | | 1.30 | 530.7 | 115.00 | 59.17 | 23 | | | | | |
| MINIMUM | | | | | | | | 1.0 | 462.0 | 101.00 | 51.00 | 20 | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 17 | 10 | 76 | 1430 | | | .3 | | 0.001L | | | 0.020 | 2.500 | 0.010 | | 1.900 | | 24.000 |
| 14 | 11 | 76 | 1450 | | | .3 | | 0.001L | | | 0.020 | 2.000 | 0.020 | | 1.600 | | 26.000 |
| 19 | 12 | 76 | 1400 | | | .3 | | 0.002 | | | 0.010L | 1.100 | 0.010L | | 1.000 | | 18.000 |
| | | | | | | | | MAXIMUM | 0.002 | | 0.020 | 2.500 | 0.020 | | 1.900 | | 26.000 |
| AVG OR GEOM MN (%) | | | | | | | | 0.0010 | | | 0.0170 | 1.867 | 0.0130 | | 1.500 | | 22.667 |
| MINIMUM | | | | | | | | 0.001 | | | 0.010 | 1.100 | 0.010 | | 1.000 | | 18.000 |
| NO OF SAMPLES | | | | | | | | 3 | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W. / SITE: COPPER CLIFF CREEK

SAMPLE POINT: AT BALSAN STREET AND SMELTER ROAD COPPER CLIFF

STATION TYPE: RIVER

STATION ID: 14-0028-041-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE HURON

TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 41 | LAT | LONG | U.T.M. 17 0495420.0 5146140.0 4 | | | | | | | | | | REGION 05 | MILEAGE | 82.30 | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 16 | 10 | 76 | 1420 | | | .3 | | 16769 | 6 8 9 | | | | | | 3.0 | 7.0 | 6.8 | |
| 13 | 11 | 76 | 1410 | | | .3 | | 16816 | 6 8 9 | | 10. L | 10. L | 10. L | | 1.0 | 8.0 | 17.0 | |
| 18 | 12 | 76 | 1100 | | | .3 | | 16856 | 6 8 9 | | 4. L | 2. L | 2. L | | 1.0 | 8.0 | 38.0 | |
| | | | | | | | | | | | | 10. L | 10. L | 10. L | | 3.0 | 8.0 | 38.0 |
| AVG OR GEOM MN (%) | | | | | | | | | | | | 6. * D | 4. * D | 4. * D | | 1.7 | 7.7 | 20.6 |
| MINIMUM | | | | | | | | | | | | 4. L | 2. L | 2. L | | 1.0 | 7.0 | 6.8 |
| NO OF SAMPLES | | | | | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 3 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 10 | 76 | 1420 | | | .3 | | 0.018 | 0.001 | 40.000 | 62.000 | 0.150 | 1.250 | 2783.0 | 33.0 | | |
| 13 | 11 | 76 | 1410 | | | .3 | | 0.026 | 0.001 | 61.000 | 62.000 | 0.071 | 0.124 | 2817.0 | 19.0 | | |
| 18 | 12 | 76 | 1100 | | | .3 | | 0.030 | 0.001 | 26.200 | 80.000 | 0.045 | 0.045 | 2910.0 | 27.0 | | |
| | | | | | | | | MAXIMUM | 0.030 | 0.001 | 61.000 | 80.000 | 0.150 | 1.250 | 33.0 | | |
| AVG OR GEOM MN (%) | | | | | | | | 0.025 | 0.001 | 42.400 | 68.000 | 0.089 | 0.473 | 2836.7 | 26.3 | | |
| MINIMUM | | | | | | | | 0.018 | 0.001 | 26.200 | 62.000 | 0.045 | 0.045 | 2783.0 | 19.0 | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 10 | 76 | 1420 | | | .3 | | 3200 | 45.00 | 105.0 | 1625.0 | | 18.0 | 7 | 5.63 | | 7.000 |
| 13 | 11 | 76 | 1410 | | | .3 | | 3250 | 38.00 | 130.0 | 1625.0 | | 17.0 | 35 | 7.37 | | 4.750 |
| 18 | 12 | 76 | 1100 | | | .3 | | 3400 | 32.00 | 170.0 | | | 6.0 | 51 | 8.20 | | 6.200 |
| | | | | | | | | MAXIMUM | 3400 | 45.00 | 170.0 | 1625.0 | 18.0 | 51 | 8.20 | | 7.000 |
| AVG OR GEOM MN (%) | | | | | | | | 3283 | 38.33 | 135.0 | 1625.0 | | 13.7 | 31 | 7.07 | | 5.983 |
| MINIMUM | | | | | | | | 3200 | 32.00 | 105.0 | 1625.0 | | 6.0 | 7 | 5.63 | | 4.750 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 2 | | 3 | 3 | 3 | | 3 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|----------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 16 | 10 | 76 | 1420 | | | .3 | 6.0 | 1206.0 | 399.00 | 50.50 | | 70G | | | | |
| 13 | 11 | 76 | 1410 | | | .3 | 7.0 | 1166.0 | | | | 70G | | | | |
| 18 | 12 | 76 | 1100 | | | .3 | | 1185.0 | | | | 70G | | | | |
| MAXIMUM | | | | | | | 7.0 | 1206.0 | 399.00 | 50.50 | | 70 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 6.5 | 1185.7 | 399.00 | 50.50 | | 70U | | | | |
| MINIMUM | | | | | | | 6.0 | 1166.0 | 399.00 | 50.50 | | 70 | | | | |
| NO OF SAMPLES | | | | | | | 2 | 3 | 1 | 1 | 3 | | | | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|--------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 | 10 | 76 | 1420 | | | .3 | 0.003 | | | 0.020 | 0.140 | 0.010L | | 0.050 | | 2.300 |
| 13 | 11 | 76 | 1410 | | | .3 | 0.002 | | | 0.020 | 0.130 | 0.010L | | 0.020 | | 1.700 |
| 18 | 12 | 76 | 1100 | | | .3 | 0.013 | | | 0.020 | 2.100 | 0.060 | | 0.090 | | 2.700 |
| MAXIMUM | | | | | | | 0.013 | | | 0.020 | 2.100 | 0.060 | | 0.090 | | 2.700 |
| AVG OR GEOM MN (*) | | | | | | | 0.006 | | | 0.020 | 0.790 | 0.027D | | 0.053 | | 2.233 |
| MINIMUM | | | | | | | 0.002 | | | 0.020 | 0.130 | 0.010 | | 0.020 | | 1.700 |
| NO OF SAMPLES | | | | | | | 3 | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT ORELL STREET CARSON
STATION TYPE: RIVER

STATION ID: 14-0028-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 42 LAT LONG U.T.M. 17 0510260.0 5155420.0 4 REGION 05 MILEAGE 93.30

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|-----|------|------|------|------|-------|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | 80D |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 14 | 11 | 76 | 1100 | | | .3 | 16824 | 6 8 | | 1. | 1. | 4. | | 0.0 | 8.0 | 4.4 |
| 19 | 12 | 76 | 1130 | | | .3 | 16871 | 6 8 4 | | 4. L | 2. L | 2. L | | 0.0 | 8.0 | 3.2 |
| MAXIMUM | | | | | | | | | | 4. | 2. | 4. | | 0.00 | 8.0 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 2.* D | 1.* D | 3.* D | | 0.0 | 8.0 | 3.8 |
| MINIMUM | | | | | | | | | | 1. | 1. | 2. | | 0.0 | 8.0 | 3.2 |
| NO OF SAMPLES | | | | | | | | | | 2 | 2 | 2 | | 2 | 2 | 2 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 14 | 11 | 76 | 1100 | | | .3 | 0.005 | 0.001 | 1.700 | 1.700 | 1.500 | 4.100 | 938.0 | 5.5 | | |
| 19 | 12 | 76 | 1130 | | | .3 | 0.008 | 0.001 | 2.740 | 2.900 | 1.750 | 1.700 | 899.0 | 4.2 | | |
| MAXIMUM | | | | | | | 0.008 | 0.001 | 2.740 | 2.900 | 1.750 | 4.100 | 938.0 | 5.5 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.007 | 0.001 | 2.220 | 2.300 | 1.625 | 2.900 | 918.5 | 4.9 | | |
| MINIMUM | | | | | | | 0.005 | 0.001 | 1.700 | 1.700 | 1.500 | 1.700 | 899.0 | 4.2 | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 14 | 11 | 76 | 1100 | | | .3 | 1280 | 0.80 | 88.0 | 488.0 | | 0.0 | 30 | 9.07 | | 0.030 |
| 19 | 12 | 76 | 1130 | | | .3 | 1210 | 0.80 | 70.0 | 395.0 | | 0.0 | 27 | 9.50 | | 0.040 |
| MAXIMUM | | | | | | | 1280 | 0.80 | 88.0 | 488.0 | | 0.0 | 30 | 9.50 | | 0.040 |
| AVG OR GEOM MN (*) | | | | | | | 1245 | 0.80 | 79.0 | 441.5 | | 0.0 | 29 | 9.29 | | 0.035 |
| MINIMUM | | | | | | | 1210 | 0.80 | 70.0 | 395.0 | | 0.0 | 27 | 9.07 | | 0.030 |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | | 2 | 2 | 2 | | 2 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|----------|--------|---------|------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 14 | 11 | 76 | 1100 | | | .3 | 3.0 | 440.0 | 136.00 | 24.50 | | 5 | | | | |
| 19 | 12 | 76 | 1130 | | | .3 | 13.0 | 422.0 | 140.00 | 17.50 | | 5 | | | | |
| MAXIMUM | | | | | | | 13.0 | 440.0 | 140.00 | 24.50 | | 5 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 8.0 | 431.0 | 138.00 | 21.00 | | 5 | | | | |
| MINIMUM | | | | | | | 3.0 | 422.0 | 136.00 | 17.50 | | 5 | | | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | 2 | | | | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 14 11 76 1100 | | | .3 | | 0.001 | | | 0.020L | 0.070 | 0.010L | | 0.030 | | 0.360 |
| 19 12 76 1130 | | | .3 | | 0.001 | | | 0.010L | 0.070 | 0.010L | | 0.010 | | 0.200 |
| | | | | | MAXIMUM | | | 0.020 | 0.070 | 0.010 | | 0.030 | | 0.360 |
| | | | | | AVG OR GEOM MN (*) | | | 0.015D | 0.070 | 0.010D | | 0.020 | | 0.280 |
| | | | | | MINIMUM | | | 0.010 | 0.070 | 0.010 | | 0.010 | | 0.200 |
| | | | | | NO OF SAMPLES | 2 | | 2 | 2 | 2 | | 2 | | 2 |

B.O.W./ SITE: NOLIN CREEK
SAMPLE POINT: AT HIGHWAY NO 144
STATION TYPE: RIVER FLOW GAUGE FED 02CF009

STATION ID: 14-0028-043-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 43 | LAT | LONG | U.T.M. 17 0498240.0 5148520.0 4 | REGION 05 | MILEAGE | 86.90 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 16 10 76 0845 | | | .3 | | 16759 | 6.8 | 4.1 | | | | | 3.0 | 7.0 | 1.2 |
| 13 11 76 0830 | | | .3 | | 16806 | 6.8 | 3.2 | 10. L | 10. L | 10. L | | 1.0 | 8.0 | 2.3 |
| 18 12 76 1140 | | | .3 | | 16858 | 6.8 | 1.2 | 4. L | 2. L | 2. L | | 0.0 | 8.0 | 4.0 |
| | | | | | MAXIMUM | | 4.1 | 10. L | 10. L | 10. L | | 3.0 | 8.0 | 4.0 |
| | | | | | AVG OR GEOM MN (*) | | 2.8 | 6. * D | 4. * D | 4. * D | | 1.3 | 7.7 | 2.5 |
| | | | | | MINIMUM | | 1.2 | 4. L | 2. L | 2. L | | 0.0 | 7.0 | 1.2 |
| | | | | | NO OF SAMPLES | | 3 | 2 | 2 | 2 | | 3 | 3 | 3 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 10 76 0845 | | | .3 | | 0.007 | 0.001 | 7.500 | 9.100 | 0.018 | 1.330 | 2194.0 | 14.0 | | |
| 13 11 76 0830 | | | .3 | | 0.003 | 0.003 | 18.900 | 34.400 | 0.019 | 0.166 | 2279.0 | 25.0 | | |
| 18 12 76 1140 | | | .3 | | 0.015 | 0.003 | 17.800 | 19.000 | 0.014 | 0.006 | 2407.0 | 21.0 | | |
| | | | | | MAXIMUM | 0.015 | 18.900 | 34.400 | 0.019 | 1.330 | 2407.0 | 25.0 | | |
| | | | | | AVG OR GEOM MN (*) | 0.008 | 14.733 | 20.833 | 0.017 | 0.501 | 2293.3 | 20.0 | | |
| | | | | | MINIMUM | 0.003 | 7.500 | 9.100 | 0.014 | 0.006 | 2194.0 | 14.0 | | |
| | | | | | NO OF SAMPLES | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 16 10 76 0845 | | | .3 | | 2400 | 10.00 | 83.0 | 1300.0 | | 3.6 | 13 | 8.05 | | 1.000 |
| 13 11 76 0830 | | | .3 | | 2500 | 19.00 | 11.3 | 1335.0 | | 0.0 | 71 | 10.04 | | 2.200 |
| 18 12 76 1140 | | | .3 | | 3400 | 16.00 | 110.0 | | | 0.0 | 92 | 10.70 | | 1.400 |
| | | | | | MAXIMUM | 3400 | 110.0 | 1335.0 | | 3.6 | 92 | 10.70 | | 2.200 |
| | | | | | AVG OR GEOM MN (*) | 2767 | 68.1 | 1317.5 | | 1.2 | 59 | 9.60 | | 1.533 |
| | | | | | MINIMUM | 2400 | 11.3 | 1300.0 | | 0.0 | 13 | 8.05 | | 1.000 |
| | | | | | NO OF SAMPLES | 3 | 3 | 2 | | 3 | 3 | 3 | | 3 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 16 10 76 0845 | | | .3 | | 2.0 | 1186.0 | 404.00 | 43.00 | 40 | | | | | |
| 13 11 76 0830 | | | .3 | | 9.0 | 1157.0 | | | 40 | | | | | |
| 18 12 76 1140 | | | .3 | | | 1303.0 | | | 15 | | | | | |
| | | | | | MAXIMUM | 9.0 | 1303.0 | 404.00 | 40 | | | | | |
| | | | | | AVG OR GEOM MN (*) | 5.5 | 1215.3 | 404.00 | 32 | | | | | |
| | | | | | MINIMUM | 2.0 | 1157.0 | 404.00 | 15 | | | | | |
| | | | | | NO OF SAMPLES | 2 | 3 | 1 | 1 | 3 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 16 10 76 0845 | | | .3 | | 0.001L | | | 0.020L | 0.140 | 0.010L | | 0.040 | | 9.900 |
| 13 11 76 0830 | | | .3 | | 0.001L | | | 0.010L | 0.200 | 0.010L | | 0.010 | | 1.400 |
| 18 12 76 1140 | | | .3 | | 0.001L | | | 0.010L | 0.100 | 0.010L | | 0.040 | | 0.400 |
| | | | | | MAXIMUM | | | 0.020 | 0.200 | 0.010 | | 0.040 | | 9.900 |
| | | | | | AVG OR GEOM MN (*) | | | 0.013D | 0.147 | 0.010D | | 0.030 | | 3.900 |
| | | | | | MINIMUM | | | 0.010 | 0.100 | 0.010 | | 0.010 | | 0.400 |
| | | | | | NO OF SAMPLES | 3 | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W. / SITE: FINLAND CREEK
SAMPLE POINT: AT POWER STREET COPPER CLIFF
STATION TYPE: RIVER

STATION ID: 14-0028-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

| STN NO | 44 | LAT | LONG | U.T.M. 17 0494400.0 5145980.0 4 | REGION 05 | MILEAGE | 83.10 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 16 10 76 1450 | | | .3 | | 16770 | 6 8 9 | | | | | | 4.0 | 7.0 | 6.0 |
| 13 11 76 1445 | | | .3 | | 16817 | 6 8 9 | | 10. L | 1. L | 1. L | | 1.0 | 8.0 | |
| 18 12 76 1020 | | | .3 | | 16855 | 6 8 9 | | 4. L | 2. L | 2. L | | 1.0 | 8.0 | 42.0 |
| MAXIMUM | | | | | | | | 10. | 2. | 2. | | 4.0 | 8.0 | 42.0 |
| AVG OR GEOM MN (+) | | | | | | | | 6.* D | 1.* D | 1.* D | | 2.0 | 7.7 | 24.0 |
| MINIMUM | | | | | | | | 4. | 1. | 1. | | 1.0 | 7.0 | 6.0 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | 3 | 3 | 2 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 10 76 1450 | | | .3 | | 0.024 | 0.001 | 0.420 | 53.000 | 0.160 | 1.180 | 2809.0 | 26.0 | | |
| 13 11 76 1445 | | | .3 | | 0.010 | 0.005 | 58.000 | 67.500 | 0.070 | 0.160 | 2864.0 | 14.0 | | |
| 18 12 76 1020 | | | .3 | | 0.010 | 0.001 | 55.000 | 66.300 | 0.046 | 0.064 | 2940.0 | 14.0 | | |
| MAXIMUM | | | | | 0.024 | 0.005 | 58.000 | 67.500 | 0.160 | 1.180 | 2940.0 | 26.0 | | |
| AVG OR GEOM MN (+) | | | | | 0.015 | 0.002 | 37.807 | 62.267 | 0.092 | 0.468 | 2871.0 | 18.0 | | |
| MINIMUM | | | | | 0.010 | 0.001 | 0.420 | 53.000 | 0.046 | 0.064 | 2809.0 | 14.0 | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 16 10 76 1450 | | | .3 | | 3250 | 24.00 | 105.0 | 1550.0 | | 17.5 | 13 | 6.04 | | 3.300 |
| 13 11 76 1445 | | | .3 | | 3350 | 14.00 | 138.0 | 1650.0 | | 12.0 | 40 | 7.95 | | 2.300 |
| 18 12 76 1020 | | | .3 | | 3450 | 5.50 | 205.0 | | | 0.0 | 55 | 8.50 | | 1.950 |
| MAXIMUM | | | | | 3450 | 24.00 | 205.0 | 1650.0 | | 17.5 | 55 | 8.50 | | 3.300 |
| AVG OR GEOM MN (+) | | | | | 3350 | 14.50 | 149.3 | 1600.0 | | 9.8 | 36 | 7.50 | | 2.517 |
| MINIMUM | | | | | 3250 | 5.50 | 105.0 | 1550.0 | | 0.0 | 13 | 6.04 | | 1.950 |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 2 | | 3 | 3 | 3 | | 3 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 16 10 76 1450 | | | .3 | | 6.0 | 1186.0 | 394.00 | 49.00 | 20 | | | | | |
| 13 11 76 1445 | | | .3 | | 9.0 | 1179.0 | | | 30 | | | | | |
| 18 12 76 1020 | | | .3 | | | 1189.0 | | | 30 | | | | | |
| MAXIMUM | | | | | 9.0 | 1189.0 | 394.00 | 49.00 | 30 | | | | | |
| AVG OR GEOM MN (+) | | | | | 7.5 | 1184.7 | 394.00 | 49.00 | 27 | | | | | |
| MINIMUM | | | | | 6.0 | 1179.0 | 394.00 | 49.00 | 20 | | | | | |
| NO OF SAMPLES | | | | | 2 | 3 | 1 | 1 | 3 | | | | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 16 10 76 1450 | | | .3 | | 0.003 | | | 0.020 | 0.120 | 0.010L | | 0.020 | | 2.000 |
| 13 11 76 1445 | | | .3 | | 0.002 | | | 0.010 | 0.120 | 0.010L | | 0.010 | | 1.400 |
| 18 12 76 1020 | | | .3 | | 0.001 | | | 0.010L | 0.120 | 0.010L | | 0.030 | | 1.300 |
| MAXIMUM | | | | | 0.003 | | | 0.020 | 0.120 | 0.010 | | 0.030 | | 2.000 |
| AVG OR GEOM MN (+) | | | | | 0.002 | | | 0.0130 | 0.120 | 0.0100 | | 0.020 | | 1.567 |
| MINIMUM | | | | | 0.001 | | | 0.010 | 0.120 | 0.010 | | 0.010 | | 1.300 |
| NO OF SAMPLES | | | | | 3 | | | 3 | 3 | 3 | | 3 | | 3 |

B.O.W./ SITE: WHITEFISH RIVER
 SAMPLE POINT: HIGHWAY 68 WHITEFISH FALLS
 STATION TYPE: RIVER

STATION ID: 14-0035-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE HURON
 TERM STREAM: WHITEFISH RIVER

STORET CODE: 02
 002
 7880

| STN NO | 1 | LAT | LONG | U.T.M. 17 0443600.0 5106550.0 4 | REGION 05 | MILEAGE | 0.40 | | | | | | | | | |
|--------------------|-----------|----------|-------------|---------------------------------|---------------|---------|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 10 01 | 76 | 0955 | | | .3 | | 16401 | 4 6 8 | | | | | | 0.0 | 12.0 | 0.4 |
| 18 01 | 76 | 1200 | | | .3 | | 14009 | | | | | | | | | 1.0 |
| 08 02 | 76 | 0850 | | | .3 | | 14033 | 4 | | | | | | 0.0 | 10.0 | 1.0 |
| | | 1020 | | | .3 | | 16457 | 4 6 8 | | 10. L | 1. L | 1. L | | 0.0 | 12.0 | 0.8 |
| 29 02 | 76 | 1600 | | | .3 | | 14056 | 4 | | | | | | 0.0 | 13.5 | 0.4 |
| 07 03 | 76 | 1015 | | | .3 | | 16498 | 4 6 8 | | 100. | 10. L | 10. L | | 0.0 | 11.0 | 0.8 |
| 21 03 | 76 | 1545 | | | .3 | | 14084 | | | | | | | 0.0 | 12.0 | |
| 03 04 | 76 | 1040 | | | .3 | | 16525 | 3 6 8 | | 210. | 1. L | 1. L | | 0.0 | 12.0 | 3.4 |
| MAXIMUM | | | | | | | | | | 210. | 10. L | 10. L | | 0.00 | 13.5 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 59. * D | 2. * D | 2. * D | | 0.0 | 11.8 | 1.1 |
| MINIMUM | | | | | | | | | | 10. | 1. L | 1. L | | 0.0 | 10.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 3 | 3 | 3 | | 7 | 7 | 7 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 10 01 | 76 | 0955 | | | .3 | | 0.008 | 0.001L | 0.020 | 0.330 | 0.003 | 0.050 | | | | |
| 18 01 | 76 | 1200 | | | .3 | | 0.008 | 0.003 | 0.030 | 0.270 | 0.004 | 0.090 | 47.0 | 1.0 | | 46 |
| 08 02 | 76 | 0850 | | | .3 | | 0.010 | 0.002 | 0.025 | 0.690 | 0.002 | 0.088 | 51.0 | 2.5 | | 49 |
| | | 1020 | | | .3 | | 0.022 | 0.008 | 0.025 | 0.250 | 0.003 | 0.072 | | | | |
| 29 02 | 76 | 1600 | | | .3 | | 0.007 | 0.001L | 0.440 | 0.790 | 0.004 | 1.820 | | | | |
| 07 03 | 76 | 1015 | | | .3 | | 0.006 | 0.002 | 0.028 | 0.220 | 0.001 | 0.144 | | | | |
| 21 03 | 76 | 1545 | | | .3 | | 0.008 | 0.001 | 0.006 | 0.170 | 0.001 | 0.074 | | | | |
| 03 04 | 76 | 1040 | | | .3 | | 0.011 | 0.001L | 0.030 | 0.390 | 0.002 | 0.128 | | | | |
| MAXIMUM | | | | | | | 0.022 | 0.008 | 0.440 | 0.790 | 0.004 | 1.820 | 51.0 | 2.5 | | 49 |
| AVG OR GEOM MN (*) | | | | | | | 0.010 | 0.002D | 0.076 | 0.389 | 0.003 | 0.308 | 49.0 | 1.8 | | 48 |
| MINIMUM | | | | | | | 0.006 | 0.001 | 0.006 | 0.170 | 0.001 | 0.050 | 47.0 | 1.0 | | 46 |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 2 | 2 | | 2 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 10 01 | 76 | 0955 | | | .3 | | 72 | 0.95 | 1.0 | | | | | | | |
| 18 01 | 76 | 1200 | | | .3 | | 72 | 1.00 | 1.0 | | | | | | | |
| 08 02 | 76 | 0850 | | | .3 | | 76 | 1.10 | 1.6 | 25.0 | 0.80 | | 10 | 7.10 | | |
| | | 1020 | | | .3 | | 79 | 0.80 | 2.0 | | 0.70 | | | 6.80 | 0.06 | |
| 29 02 | 76 | 1600 | | | .3 | | 150 | 1.30 | 3.0 | | | | | | | |
| 07 03 | 76 | 1015 | | | .3 | | 74 | 1.10 | 1.9 | | | | | | | |
| 21 03 | 76 | 1545 | | | .3 | | 75 | | 5.6 | 5.6 | 1.70 | | | | 0.10 | |
| 03 04 | 76 | 1040 | | | .3 | | 74 | 3.00 | 2.4 | | | | | | | |
| MAXIMUM | | | | | | | 150 | 3.00 | 5.6 | 25.0 | 1.70 | | 10 | 7.10 | 0.10 | |
| AVG OR GEOM MN (*) | | | | | | | 84 | 1.32 | 2.3 | 15.3 | 1.07 | | 10 | 6.95 | 0.08 | |
| MINIMUM | | | | | | | 72 | 0.80 | 1.0 | 5.6 | 0.70 | | 10 | 6.80 | 0.06 | |
| NO OF SAMPLES | | | | | | | 8 | 7 | 8 | 2 | 3 | | 1 | 2 | 2 | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 10 01 | 76 | 0955 | | | .3 | | | | | | | | | | | |
| 18 01 | 76 | 1200 | | | .3 | | 1.0L | | 6.00 | | | | | | | |
| 08 02 | 76 | 0850 | | | .3 | | 1.0L | | | | | | | 5 | 12 | |
| | | 1020 | | | .3 | | | | | | | | | | | |
| 29 02 | 76 | 1600 | | | .3 | | 1.0L | | | | | | | | | |
| 07 03 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 21 03 | 76 | 1545 | | | .3 | | 1.0L | | | | | | | | | |
| 03 04 | 76 | 1040 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | 1.0 | | 6.00 | | | | | 5 | 12 | |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | 6.00 | | | | | 5 | 12 | |
| MINIMUM | | | | | | | 1.0 | | 6.00 | | | | | 5 | 12 | |
| NO OF SAMPLES | | | | | | | 4 | | 1 | | | | | 1 | 1 | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 18 01 | 76 | 1200 | | | .3 | | | | | | | | | | 0.024 | 0.020 |
| 08 02 | 76 | 0850 | | | .3 | | 0.000L | | 0.190 | 0.020L | 0.010L | 0.010L | 0.010L | 0.020 | | 0.020 |
| 29 02 | 76 | 1600 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | 0.000 | | 0.190 | 0.020 | 0.010 | 0.010 | 0.010 | 0.020 | 0.024 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.000D | | 0.190 | 0.020D | 0.010D | 0.010D | 0.010D | 0.020 | 0.024 | 0.020 |
| MINIMUM | | | | | | | 0.000 | | 0.190 | 0.020 | 0.010 | 0.010 | 0.010 | 0.020 | 0.024 | 0.020 |
| NO OF SAMPLES | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

B.O.W. / SITE: STURGEON RIVER

STATION ID: 16-0027-001-02

SAMPLE POINT: AT COUNTY ROAD 20.4 MILES SOUTH EAST OF LEAMINGTON

STATION TYPE: RIVER FLOW GAUGE FED 02GH001

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: STURGEON RIVER

STORET CODE: 02

003

2320

| STN NO | 1 | LAT | LONG | U.T.M. 17 0370450.0 4654325.0 4 | | | | | | REGION 01 | MILEAGE | 1.90 | | |
|--------------------|------|-----|-------|---------------------------------|--------|----------|----------|-----------|----------|-----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 28 01 76 1225 | | | .3 | | 21006 | 4 | 23.00 | 56000. | 840. | 1370. | 40. | 0.1 | 10.0 | 1.8 |
| 25 02 76 1320 | | | .3 | | 21052 | 6 | 14.20 | 42000E+1 | 1470. | 2600. | 16. | 5.5 | 10.8 | 1.9 |
| 23 03 76 1340 | | | .3 | | 21108 | 6 | 3.80 | 36000. | 210. | 430. | 12. | 6.2 | 11.4 | 1.9 |
| 04 05 76 1445 | | | .3 | | 21150 | 6 | 3.50 | 21000. | 220. | 52. | 4. | 14.4 | 10.4 | 3.1 |
| 18 05 76 1345 | | | .3 | | 21189 | 6 | 3.20 | 34000. | 260. | 250. | 4. | 14.0 | 9.6 | 2.5 |
| 22 06 76 1437 | | | .3 | | 21253 | 6 | 1.10 | 9000. | 480. | 210. | 120. | 23.1 | 11.6 | 0.8 |
| 19 07 76 1430 | | | .3 | | 21302 | 6 | 0.73 | 10000. | 720. | 560. | 12. | 23.7 | 11.2 | 1.5 |
| 09 08 76 1406 | | | .3 | | 21353 | 6 | 0.68 | 78000. | 1600. | 530. | 30. | 19.3 | 14.5 | 0.7 |
| 06 10 76 1245 | | | .3 | | 21424 | 6 | 2.60 | 31000E+1 | 5900. | 3500. | 400. | 19.8 | 9.2 | 3.2 |
| 18 10 76 1255 | | | .3 | | 21453 | 6 | 1.10 | 61000E+1 | 1500. | 500. | 40. | 7.1 | 15.2 | 2.2 |
| 15 11 76 1415 | | | .3 | | 21515 | 6 | 1.40 | 12000. | 340. | 140. | 8. | 4.8 | 20.0 | 2.0 |
| 06 12 76 1435 | | | .3 | | 21563 | 4 | 1.30 | 75000. | 780. | 160. | 4. | 1.2 | 13.6 | 1.6 |
| MAXIMUM | | | | | | | 23.00 | 61000E+1 | 5900. | 3500. | 400. | 23.7 | 20.0 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | 4.72 | 54721.* | 720.* | 437.* | 19.* D | 11.9 | 12.3 | 1.9 |
| MINIMUM | | | | | | | 0.68 | 9000. | 210. | 52. | 4. | 0.1 | 9.2 | 0.7 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDHAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 01 76 1225 | | | .3 | | 0.155 | 0.079 | 0.205 | 0.585 | 0.032 | 9.100 | 578.0 | 15.0 | | |
| 25 02 76 1320 | | | .3 | | 0.131 | 0.046 | 0.520 | 0.960 | 0.029 | 7.400 | 606.0 | 70.0 | | |
| 23 03 76 1340 | | | .3 | | 0.058 | 0.043 | 1.320 | | 0.087 | 6.800 | 582.0 | 10.5 | | |
| 04 05 76 1445 | | | .3 | | 0.117 | 0.077 | 0.775 | 1.150 | 0.180 | 7.500 | 598.0 | 17.5 | | |
| 18 05 76 1345 | | | .3 | | 0.142 | 0.101 | 0.675 | 0.690 | 0.310 | 7.100 | 618.0 | 22.5 | | |
| 22 06 76 1437 | | | .3 | | 0.167 | 0.127 | 0.040 | 0.685 | 0.294 | 6.100 | 598.0 | 15.0L | | |
| 19 07 76 1430 | | | .3 | | 0.225 | 0.173 | 0.005 | 0.805 | 0.244 | 5.200 | 568.0 | 20.0 | | |
| 09 08 76 1406 | | | .3 | | 0.198 | 0.160 | 0.020 | 0.700 | 0.287 | 2.330 | 442.0 | 8.5 | | |
| 06 10 76 1245 | | | .3 | | 0.191 | 0.107 | 0.275 | 0.900 | 0.149 | 3.000 | 528. | 23. | | |
| 18 10 76 1255 | | | .3 | | 0.119 | 0.071 | 0.290 | 0.860 | 0.099 | 2.800 | 538.0 | 18.5 | | |
| 15 11 76 1415 | | | .3 | | 0.113 | 0.081 | 0.310 | 0.765 | 0.077 | 3.900 | 454.0 | 15.0L | | |
| 06 12 76 1435 | | | .3 | | 0.140 | 0.093 | 0.660 | 1.150 | 0.047 | 5.400 | 522.0 | 15.0L | | |
| MAXIMUM | | | | | 0.225 | 0.173 | 1.320 | 1.150 | 0.310 | 9.100 | 618.0 | 70.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.146 | 0.097 | 0.425 | 0.841 | 0.153 | 5.553 | 552.7 | 20.90 | | |
| MINIMUM | | | | | 0.058 | 0.043 | 0.005 | 0.585 | 0.029 | 2.330 | 442.0 | 8.5 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 11 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 28 01 76 1225 | | | .3 | | 790 | 13.00 | 51.0 | | | | | | | |
| 25 02 76 1320 | | | .3 | | 785 | 51.00 | 47.0 | | | | | | | |
| 23 03 76 1340 | | | .3 | | 840 | 12.00 | 62.0 | | | | | | | |
| 04 05 76 1445 | | | .3 | | 830 | 14.00 | 68.0 | | | | | | | |
| 18 05 76 1345 | | | .3 | | 890 | 9.30 | 73.0 | | | | | | | |
| 22 06 76 1437 | | | .3 | | 860 | 7.20 | 72.0 | | | | | | | |
| 19 07 76 1430 | | | .3 | | 780 | 27.00 | 54.0 | | | | | | | |
| 09 08 76 1406 | | | .3 | | 700 | 5.90 | 45.0 | | | | | | | |
| 06 10 76 1245 | | | .3 | | 770 | 16. | 46. | | | | | | | |
| 18 10 76 1255 | | | .3 | | 800 | 9.70 | 48.0 | | | | | | | |
| 15 11 76 1415 | | | .3 | | 780 | 11.00 | 46.0 | | | | | | | |
| 06 12 76 1435 | | | .3 | | 780 | 12.00 | 45.0 | | | | | | | |
| MAXIMUM | | | | | 890 | 51.00 | 73.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 800 | 15.68 | 54.8 | | | | | | | |
| MINIMUM | | | | | 700 | 5.90 | 45.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: MUDDY CREEK
 SAMPLE POINT: AT FIRST BRIDGE ABOVE LAKE ERIE
 STATION TYPE: RIVER

STATION ID: 16-0032-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: MUDDY CREEK

STORET CODE: 02
 003
 2280

STN NO 1 LAT LONG U.T.M. 17 0378750.0 4658000.0 4 REGION 01 MILEAGE 0.20

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | N.O | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 28 01 76 1200 | | | .3 | | 21005 | 4 | | 460. | 24. | 16. | 0. | 1.0 | 6.5 | 4.9 |
| 25 02 76 1255 | | | .3 | | 21051 | 6 | | 10000. | 560. | 450. | 4. L | 5.0 | 10.6 | 2.6 |
| 23 03 76 1320 | | | .3 | | 21107 | 6 | | 1800. | 110. | 350. | 12. | 6.0 | 8.2 | 3.7 |
| 04 05 76 1430 | | | .3 | | 21149 | 6 | | 310. | 32. | 52. | 4. L | 11.8 | 7.2 | 8.2 |
| 18 05 76 1320 | | | .3 | | 21188 | 6 9 | | 5100. | 8. | 400. | | 13.7 | 9.8 | 12.0 |
| 22 06 76 1410 | | | .3 | | 21252 | 6 9 | | 1800. | 36. | 20. | 10. | 23.0 | 7.6 | 7.0 |
| 19 07 76 1410 | | | .3 | | 21301 | 6 | | 800. | 136. | 108. | 4. | 25.0 | 12.9 | 6.0 |
| 09 08 76 1350 | | | .3 | | 21352 | 9 | | 21000. | 204. | 64. | 4. | 22.5 | 5.8 | 6.2 |
| 06 10 76 1230 | | | .3 | | 21423 | 9 | | 14300E+1 | 1100. | 3400. | 4. | 20.8 | 2.5 | 40. |
| 18 10 76 1240 | | | .3 | | 21452 | 6 | | 92000. | 480. | 8100. | 4. | 10.7 | 3.1 | 5.0 |
| 15 11 76 1355 | | | .3 | | 21514 | 6 | | 17100E+1 | 160. | 950. | 60. | 4.9 | 6.5 | 12.0 |
| 06 12 76 1400 | | | .3 | | 21562 | 4 | | 10000. | 90. | 240. | 4. L | 0.9 | 6.0 | 4.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

17100E+1
 6748.
 310.
 1100.
 109.
 8.
 8100.
 244.
 16.
 60.
 5.
 0.
 25.0
 12.1
 0.9
 12.9
 7.2
 2.5
 40.
 9.4
 2.6

NO OF SAMPLES

12 12 12 11 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 01 76 1200 | | | .3 | | 0.365 | 0.302 | 1.700 | 2.700 | 0.052 | 2.090 | | | | |
| 25 02 76 1255 | | | .3 | | 0.380 | 0.298 | 0.050 | 1.000 | 0.071 | 6.600 | | | | |
| 23 03 76 1320 | | | .3 | | 0.410 | 0.224 | 0.995 | 1.350 | 0.071 | 1.490 | | | | |
| 04 05 76 1430 | | | .3 | | 0.500 | 0.141 | 2.200 | 2.900 | 0.156 | 1.690 | | | | |
| 18 05 76 1320 | | | .3 | | 0.450 | 0.104 | 0.930 | 4.650 | 0.073 | 0.660 | | | | |
| 22 06 76 1410 | | | .3 | | 0.400 | 0.120 | 0.685 | 1.500 | 0.375 | 0.970 | | | | |
| 19 07 76 1410 | | | .3 | | 0.520 | 0.199 | 0.120 | 2.100 | 0.010 | 1.100 | | | | |
| 09 08 76 1350 | | | .3 | | 0.840 | 0.445 | 1.320 | 4.500 | 1.030 | 1.570 | | | | |
| 06 10 76 1230 | | | .3 | | 0.700 | 0.095 | 3.100 | 7.050 | 0.026 | 0.010 | | | | |
| 18 10 76 1240 | | | .3 | | 0.560 | 0.207 | 5.750 | 6.500 | 0.217 | 6.000 | | | | |
| 15 11 76 1355 | | | .3 | | 0.550 | 0.011 | 1.650 | 5.150 | 0.016 | 0.090 | | | | |
| 06 12 76 1400 | | | .3 | | 0.400 | 0.125 | 5.100 | 5.850 | 0.055 | 0.840 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.840
 0.506
 0.365
 0.445
 0.189
 0.011
 5.750
 1.967
 0.050
 7.050
 3.771
 1.000
 1.030
 0.179
 0.010
 6.600
 1.926
 0.010

NO OF SAMPLES

12 12 12 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 28 01 76 1200 | | | .3 | | 410 | 14.00 | 28.0 | | | | | 7.22 | | |
| 25 02 76 1255 | | | .3 | | 427 | 47.00 | 25.0 | | | | | 7.74 | | |
| 23 03 76 1320 | | | .3 | | 395 | 74.00 | 25.5 | | | | | 7.76 | | |
| 04 05 76 1430 | | | .3 | | 400 | 39.00 | 16.0 | | | | | 7.76 | | |
| 18 05 76 1320 | | | .3 | | 370 | 68.00 | 23.5 | | | | | 7.63 | | |
| 22 06 76 1410 | | | .3 | | 345 | 47.00 | 22.5 | | | | | 7.41 | | |
| 19 07 76 1410 | | | .3 | | 365 | 28.00 | 24.0 | | | | | 7.71 | | |
| 09 08 76 1350 | | | .3 | | 370 | 32.00 | 25.0 | | | | | 7.35 | | |
| 06 10 76 1230 | | | .3 | | 445 | 40. | 28. | | | | | 7.22 | | |
| 18 10 76 1240 | | | .3 | | 449 | 64.00 | 32.0 | | | | | 7.48 | | |
| 15 11 76 1355 | | | .3 | | 453 | 58.00 | 29.0 | | | | | 7.35 | | |
| 06 12 76 1400 | | | .3 | | 414 | 67.00 | 26.0 | | | | | 7.34 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

453
 404
 345
 74.00
 48.17
 14.00
 32.0
 25.4
 16.0
 7.76
 7.50
 7.22

NO OF SAMPLES

12 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 28 01 76 1200 | | | .3 | | | | | | 40 | | | | | |
| 25 02 76 1255 | | | .3 | | | | | | 75 | | | | 26 | |
| 23 03 76 1320 | | | .3 | | | | | | 150 | | | | 45 | |
| 04 05 76 1430 | | | .3 | | | | | | 40 | | | | 17 | |
| 18 05 76 1320 | | | .3 | | | | | | | | | | 69 | |
| 22 06 76 1410 | | | .3 | | | | | | 30 | | | | 45 | |
| 19 07 76 1410 | | | .3 | | | | | | 30 | | | | 42 | |
| 09 08 76 1350 | | | .3 | | | | | | 30 | | | | 48 | |
| 06 10 76 1230 | | | .3 | | | | | | 60 | | | | 132 | |
| 18 10 76 1240 | | | .3 | | | | | | | | | | 17 | |
| 15 11 76 1355 | | | .3 | | | | | | 75 | | | | 54 | |
| 06 12 76 1400 | | | .3 | | | | | | 50 | | | | 43 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

150
 58
 30
 132
 49
 17

NO OF SAMPLES

10 11

B.O.W./ SITE: DUTTON DRAIN

SAMPLE POINT: AT CONCESSION ROAD 7 DUNWICH TOWNSHIP SOUTH WEST OF DUTTON

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: TYRCONNELL CREEK

STATION ID: 16-0072-001-02

STORET CODE: 02
003
1860

| STN NO | 1 | LAT | LONG | U.T.M. 17 0459800.0 4719900.0 4 | | | | | | | | | | REGION 01 | MILEAGE | 5.50 |
|------------|-----------|----------|------|---------------------------------|--------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | R1 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 16 | 02 | 76 | 1530 | | | .3 | 21046 | 6 | | 18000. | 280. | 6700. | 4. | 0.2 | 10.0 | 2.9 |
| 23 | 03 | 76 | 1050 | | | .3 | 21103 | 6 | | 29000. | 520. | 48. | 12. | 3.2 | 10.4 | 4.8 |
| 04 | 05 | 76 | 1105 | | | .3 | 21145 | 6 | | 42000. | 190. | 60. | 4. L | 7.5 | 12.5 | 1.6 |
| 18 | 05 | 76 | 1005 | | | .3 | 21185 | 6 | | 11100E+1 | 2700. | 1900. | 4. L | 7.5 | 12.5 | 2.8 |
| 22 | 06 | 76 | 1105 | | | .3 | 21247 | 6 | | 1250. | 350. | 100. | 16. | 21.3 | 5.0 | 2.6 |
| 19 | 07 | 76 | 1110 | | | .3 | 21296 | 6 | | 22000. | 510. | 420. | 36. | 21.0 | 8.0 | 2.0 |
| 09 | 08 | 76 | 1019 | | | .3 | 21347 | 6 | | 22000. | 380. | 1800. | 52. | 16.8 | 9.6 | 1.2 |
| 06 | 10 | 76 | 1040 | | | .3 | 21419 | 6 | | 790. | 290. | 170. | 4. L | 16.5 | 7.4 | 1.8 |
| 18 | 10 | 76 | 1030 | | | .3 | 21448 | 6 | | 13000. | 510. | 140. | 4. L | 6.0 | 10.8 | 5.2 |
| 15 | 11 | 76 | 1025 | | | .3 | 21510 | 4 | | 9000. | 330. | 430. | 12. | 0.9 | 20.0 | 1.4 |
| 06 | 12 | 76 | 1015 | | | .3 | 21558 | 4 | | 21000. | 160. | 140. | 4. L | 1.2 | 9.9 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM11100E+1 2700. 6700. 52. 21.3 20.0 5.2
13563.* 398.* 323.* 9.* D 9.3 10.6 2.6
790. 160. 48. 4. 0.2 5.0 1.2

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1530 | | .3 | | 0.322 | 0.148 | 0.255 | 1.400 | 0.035 | 1.380 | 284.0 | 83.0 | | |
| 23 | 03 | 76 | 1050 | | .3 | | 0.950 | 0.750 | 6.900 | 7.400 | 0.020 | 1.110 | 404.0 | 20.5 | | |
| 04 | 05 | 76 | 1105 | | .3 | | 0.024 | 0.015 | 0.010 | 0.835 | 0.015 | 1.860 | 410.0 | 3.0 | | |
| 18 | 05 | 76 | 1005 | | .3 | | 1.500 | 1.150 | 1.500 | 1.950 | 0.081 | 1.800 | 466.0 | 41.5 | | |
| 22 | 06 | 76 | 1105 | | .3 | | 0.151 | 0.062 | 0.005L | 0.645 | 0.069 | 0.930 | 516.0 | 44.0 | | |
| 19 | 07 | 76 | 1110 | | .3 | | 0.176 | 0.069 | 0.025 | 1.190 | 0.071 | 3.200 | 580.0 | 48.0 | | |
| 09 | 08 | 76 | 1019 | | .3 | | 0.205 | 0.072 | 0.020 | 1.120 | 0.055 | 1.790 | 552.0 | 49.0 | | |
| 06 | 10 | 76 | 1040 | | .3 | | 0.107 | 0.032 | 0.085 | 0.800 | 0.021 | 0.600 | 644.0 | 35.0 | | |
| 18 | 10 | 76 | 1030 | | .3 | | 0.050 | 0.015 | 0.020 | 0.870 | 0.021 | 1.890 | 614.0 | 14.5 | | |
| 15 | 11 | 76 | 1025 | | .3 | | 0.049 | 0.022 | 0.035 | 0.650 | 0.022 | 3.700 | 530.0 | 16.0 | | |
| 06 | 12 | 76 | 1015 | | .3 | | 0.055 | 0.015 | 0.165 | 0.775 | 0.030 | 4.700 | 654.0 | 24.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM1.500 1.150 6.900 7.400 0.081 4.700 654.0 83.0
0.326 0.214 0.818D 1.603 0.040 2.087 514.0 34.4
0.024 0.015 0.005 0.645 0.015 0.600 284.0 3.0

NO OF SAMPLES

11 11 11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1530 | | .3 | | 284 | 77.00 | 25.0 | | | | | | | |
| 23 | 03 | 76 | 1050 | | .3 | | 620 | 18.00 | 33.5 | | | | | | | |
| 04 | 05 | 76 | 1105 | | .3 | | 605 | 7.10 | 31.0 | | | | | | | |
| 18 | 05 | 76 | 1005 | | .3 | | 620 | 44.00 | 31.5 | | | | | | | |
| 22 | 06 | 76 | 1105 | | .3 | | 700 | 33.00 | 75.0 | | | | | | | |
| 19 | 07 | 76 | 1110 | | .3 | | 720 | 73.00 | 60.0 | | | | | | | |
| 09 | 08 | 76 | 1019 | | .3 | | 780 | 44.00 | 60.0 | | | | | | | |
| 06 | 10 | 76 | 1040 | | .3 | | 960 | 46.00 | 120.0 | | | | | | | |
| 18 | 10 | 76 | 1030 | | .3 | | 900 | 23.00 | 66.0 | | | | | | | |
| 15 | 11 | 76 | 1025 | | .3 | | 860 | 21.00 | 44.0 | | | | | | | |
| 06 | 12 | 76 | 1015 | | .3 | | 920 | 15.00 | 49.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM960 77.00 120.0
724 36.46 54.1
284 7.10 25.0

NO OF SAMPLES

11 11 11

B.O.W. / SITE: KETTLE CREEK
 SAMPLE POINT: SECOND CONCESSION ROAD NORTH OF ST THOMAS
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: KETTLE CREEK

STATION ID: 16-0087-003-02

STORET CODE: 02
 003
 1660

| STN NO | 3 | LAT | LONG | U.T.M. 17 0484400.0 4739525.0 4 | REGION 01 | MILEAGE | 18.40 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | R05 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP DEG C | DISS. MG/L | 5-DAY BOD MG/L |
| 28 02 76 0900 | | | .3 | | 24013 | 6 | | 8000. | 160. | 7200. | 4. L | 2.0 | 12.0 | 2.0 |
| 06 04 76 0900 | | | .3 | | 24024 | 6 | | 910. | 32. | 100. | 4. L | 4.0 | 9.0 | 1.6 |
| 06 05 76 0925 | | | .3 | | 24035 | 6 | | 350. | 52. | 220. | 4. L | 11.0 | 11.0 | 2.4 |
| 31 05 76 1200 | | | .3 | | 24046 | 6 | | 250. | 24. | 4. L | 12. | 21. | 12. | 1.0 |
| 28 06 76 0935 | | | .3 | | 24057 | 6 | | | | | | 21.0 | 10.0 | 2.0 |
| 03 07 76 0930 | | | .3 | | 24068 | 6 | | 28000. | 204. | 188. | 16. | 23.0 | 8.0 | 3.2 |
| 24 08 76 0925 | | | .3 | | 24079 | 6 | | | | | | 24.0 | 7.0 | 3.7 |
| 29 09 76 0925 | | | .3 | | 24090 | 6 | | | | | | 14.0 | 9.0 | 2.0 |
| 27 10 76 0920 | | | .3 | | 24101 | | | 2100. | 150. | 110. | 4. L | | | 3.0 |
| 29 11 76 0920 | | | .3 | | 24114 | 6 | | 6000. | 490. | 1310. | 196. | 2.0 | 11.0 | 2.8 |
| 20 12 76 0920 | | | .3 | | 24127 | 6 | | 1120. | 120. | 30. | 4. | 0.0 | 15.0 | 1.2 |
| MAXIMUM | | | | | | | | 28000. | 490. | 7200. | 196. | 24.0 | 15.0 | 3.7 |
| AVG OR GEOM MN (*) | | | | | | | | 1996.* | 102.* | 164.* D | 9.* D | 12.2 | 10.4 | 2.3 |
| MINIMUM | | | | | | | | 250. | 24. | 4. | 4. | 0.0 | 7.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 10 | 10 | 11 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 28 02 76 0900 | | | .3 | | 0.306 | 0.103 | 0.200 | 0.685 | 0.027 | 2.400 | 424.0 | 204.0 | | |
| 06 04 76 0900 | | | .3 | | 0.093 | 0.020 | 0.050 | 0.670 | 0.024 | 2.450 | | | | |
| 06 05 76 0925 | | | .3 | | 0.077 | 0.015 | 0.055 | 0.690 | 0.031 | 1.690 | | | | |
| 31 05 76 1200 | | | .3 | | 0.089 | 0.018 | 0.120 | 1.430 | 0.063 | 0.910 | | | | |
| 28 06 76 0935 | | | .3 | | 0.160 | 0.033 | 0.185 | 1.450 | 0.185 | 6.600 | | | | |
| 03 07 76 0930 | | | .3 | | 0.206 | 0.050 | 0.240 | 1.270 | 0.130 | 2.810 | | | | |
| 24 08 76 0925 | | | .3 | | 0.145 | 0.015 | 0.150 | 1.000 | 0.003 | 0.010L | | | | |
| 29 09 76 0925 | | | .3 | | 0.106 | 0.033 | 0.115 | 0.750 | 0.011 | 0.270 | | | | |
| 27 10 76 0920 | | | .3 | | 0.072 | 0.030 | 0.060 | 0.750 | 0.024 | 1.390 | | | | |
| 29 11 76 0920 | | | .3 | | 0.161 | 0.080 | 0.075 | 0.800 | 0.057 | 7.200 | | | | |
| 20 12 76 0920 | | | .3 | | 0.064 | 0.009 | 0.165 | 0.660 | 0.018 | 2.000 | | | | |
| MAXIMUM | | | | | 0.306 | 0.103 | 0.240 | 1.450 | 0.185 | 7.200 | 424.0 | 204.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.134 | 0.037 | 0.129 | 0.923 | 0.052 | 2.530D | 424.0 | 204.0 | | |
| MINIMUM | | | | | 0.064 | 0.009 | 0.050 | 0.660 | 0.003 | 0.010 | 424.0 | 204.0 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 1 | 1 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 206 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 28 02 76 0900 | | | .3 | | 320 | 135.00 | 12.0 | | | | | | | |
| 06 04 76 0900 | | | .3 | | 550 | 32.00 | 18.0 | | | | | | | |
| 06 05 76 0925 | | | .3 | | 510 | 26.00 | 16.5 | | | | | | | |
| 31 05 76 1200 | | | .3 | | 520 | 19.00 | 16.0 | | | | | | | |
| 28 06 76 0935 | | | .3 | | 510 | 33.00 | 21.5 | | | | | | | |
| 03 07 76 0930 | | | .3 | | 520 | 56.00 | 23.0 | | | | | | | |
| 24 08 76 0925 | | | .3 | | 580 | 21.00 | 25.0 | | | | | | | |
| 29 09 76 0925 | | | .3 | | 570 | 32.00 | 25.5 | | | | | | | |
| 27 10 76 0920 | | | .3 | | 760 | 16.00 | 36.0 | | | | | | | |
| 29 11 76 0920 | | | .3 | | 620 | 37.00 | 29.0 | | | | | | | |
| 20 12 76 0920 | | | .3 | | 680 | 7.60 | 25.0 | | | | | | | |
| MAXIMUM | | | | | 760 | 135.00 | 36.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 558 | 37.69 | 22.7 | | | | | | | |
| MINIMUM | | | | | 320 | 7.60 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | | | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRIBLES MG/L |
| 28 02 76 0900 | | | .3 | | | | | | | | | | | |
| 06 04 76 0900 | | | .3 | | 2.0 | | | | | | | | | |
| 06 05 76 0925 | | | .3 | | 1.0 | | | | | | | | | |
| 31 05 76 1200 | | | .3 | | 1.0 | | | | | | | | | |
| 28 06 76 0935 | | | .3 | | 1.0L | | | | | | | | | |
| 03 07 76 0930 | | | .3 | | | | | | | | | | | |
| 24 08 76 0925 | | | .3 | | 1.0 | | | | | | | | | |
| 29 09 76 0925 | | | .3 | | 1.0L | | | | | | | | | |
| 27 10 76 0920 | | | .3 | | 1.0 | | | | | | | | | |
| 29 11 76 0920 | | | .3 | | 1.0 | | | | | | | | | |
| 20 12 76 0920 | | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | | 2.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.1D | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 9 | | | | | | | | | |

B.O.W. / SITE: BEAVER CREEK
SAMPLE POINT: AT POND OUTLET COMMUNITY OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

| STN NO | 6 | LAT | LONG | U.T.M. 17 0483800.0 4728150.0 4 | REGION 01 | MILEAGE | 4.60 | | | | | | | | | | |
|---------|--------|-------|------|---------------------------------|-----------|------------|------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 02 | 76 | 1220 | | | | .3 | | 24020 | 6 | | | | | | 4.0 | 12.0 | |
| 06 04 | 76 | 1120 | | | | .3 | | 24031 | 6 | | 1700. | 300. | 12. | 4. L | 4.0 | 10.0 | 1.6 |
| 06 05 | 76 | 1140 | | | | .3 | | 24042 | 6 | | 660. | 60. | 24. | 4. L | 11.0 | 10.0 | 2.2 |
| 31 05 | 76 | 1200 | | | | .3 | | 24053 | 6 | | 690. | 110. | 70. | 4. L | 18. | 11 | 3.8 |
| 28 06 | 76 | 1205 | | | | .3 | | 24064 | 6 | | | | | | 23.0 | 12.0 | 5.8 |
| 03 07 | 76 | 1200 | | | | .3 | | 24075 | 6 | | 270. | 24. | 8. | 4. L | 24.0 | 7.0 | 1.4 |
| 24 08 | 76 | 1210 | | | | .3 | | 24086 | 6 | | | | | | 24.0 | 9.0 | 1.0 |
| 29 09 | 76 | 1215 | | | | .3 | | 24097 | 6 | | | | | | 14.0 | 10.0 | 1.4 |
| 27 10 | 76 | 1410 | | | | .3 | | 24110 | | | 2900. | 410. | 250. | 4. | | | 2.0 |
| 29 11 | 76 | 1410 | | | | .3 | | 24123 | 6 | | 21000. | 470. | 820. | 12. | 1.0 | 75.0 | 2.3 |
| 20 12 | 76 | 1410 | | | | .3 | | 24136 | 6 | | 1340. | 220. | 140. | 4. L | 0.0 | 15.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

21000.
1499.*
270.

470.
154.*
24.

820.
64.*
8.

12.
5.* D
4.

24.0
12.3
0.0

75.0
17.1
7.0

5.8
2.2
0.6

NO OF SAMPLES

7 7 7 7 10 10 10

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 28 02 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 06 04 | 76 | 1120 | | | .3 | | 0.120 | 0.026 | 0.075 | 0.745 | 0.027 | 0.580 | | | | |
| 06 05 | 76 | 1140 | | | .3 | | 0.111 | 0.051 | 0.080 | 0.705 | 0.064 | 3.010 | | | | |
| 31 05 | 76 | 1200 | | | .3 | | 0.141 | 0.010 | 0.040 | 1.380 | 0.061 | 0.870 | | | | |
| 28 06 | 76 | 1205 | | | .3 | | 0.113 | 0.005 | 0.005 | 1.750 | 0.137 | 1.750 | | | | |
| 03 07 | 76 | 1200 | | | .3 | | 0.073 | 0.033 | 0.165 | 0.720 | 0.050 | 0.600 | | | | |
| 24 08 | 76 | 1210 | | | .3 | | 0.034 | 0.005 | 0.025 | 0.615 | 0.024 | 0.240 | | | | |
| 29 09 | 76 | 1215 | | | .3 | | 0.058 | 0.012 | 0.100 | 0.675 | 0.024 | 0.710 | | | | |
| 27 10 | 76 | 1410 | | | .3 | | 0.094 | 0.021 | 0.065 | 0.665 | 0.020 | 1.100 | | | | |
| 29 11 | 76 | 1410 | | | .3 | | 0.061 | 0.017 | 0.055 | 0.610 | 0.026 | 6.000 | | | | |
| 20 12 | 76 | 1410 | | | .3 | | 0.185 | 0.018 | 0.110 | 2.380 | 0.029 | 2.100 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.185
0.099
0.034

0.051
0.020
0.005

0.165
0.072
0.005

2.380
1.025
0.610

0.137
0.046
0.020

6.000
1.700
0.240

NO OF SAMPLES

10 10 10 10 10 10

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 06 04 | 76 | 1120 | | | .3 | | 570 | 33.00 | 19.0 | | | | | | | |
| 06 05 | 76 | 1140 | | | .3 | | 500 | 30.00 | 18.5 | | | | | | | |
| 31 05 | 76 | 1200 | | | .3 | | 490 | 16.00 | 16.0 | | | | | | | |
| 28 06 | 76 | 1205 | | | .3 | | 500 | 3.40 | 15.5 | | | | | | | |
| 03 07 | 76 | 1200 | | | .3 | | 490 | 4.50 | 15.5 | | | | | | | |
| 24 08 | 76 | 1210 | | | .3 | | 520 | 3.40 | 19.0 | | | | | | | |
| 29 09 | 76 | 1215 | | | .3 | | 550 | 6.10 | 18.0 | | | | | | | |
| 27 10 | 76 | 1410 | | | .3 | | 640 | 8.30 | 20.5 | | | | | | | |
| 29 11 | 76 | 1410 | | | .3 | | 580 | 9.20 | 20.0 | | | | | | | |
| 20 12 | 76 | 1410 | | | .3 | | 640 | 4.40 | 23.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

640
548
490

33.00
11.83
3.40

23.0
18.5
15.5

NO OF SAMPLES

10 10 10

B.O.W. / SITE: KETTLE CREEK
SAMPLE POINT: FIRST CONCESSION SOUTH WEST OF BELMONT
STATION TYPE: RIVER

STATION ID: 16-0087-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

| STN NO | 7 | LAT | LONG | U.T.M. 17 0491500.0 4746650.0 4 | REGION 01 | MILEAGE | 27.60 | | | | | | | | | | |
|---------|--------|-------|------|---------------------------------|-----------|------------|-------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 02 | 76 | 0930 | | | | .3 | | 24014 | 6 | | 18000. | 820. | 9300. | 12. | 2.0 | 11.0 | 4.1 |
| 06 04 | 76 | 0925 | | | | .3 | | 24025 | 6 | | 1300. | 350. | 80. | 4. | 4.0 | 11.0 | 1.4 |
| 06 05 | 76 | 0955 | | | | .3 | | 24036 | 6 | | 17000. | 1240. | 4100. | | 14.0 | 7.0 | 4.5 |
| 31 05 | 76 | 1200 | | | | .3 | | 24047 | 6 | | 24000. | 1800. | 6400. | | 16. | 8. | 1.8 |
| 28 06 | 76 | 0950 | | | | .3 | | 24058 | 6 | | | | | | 20.0 | 9.0 | |
| 03 07 | 76 | 0950 | | | | .3 | | 24069 | 6 | | 67000. | 1600. | 2000. | 36. | 24.0 | 10.0 | 2.2 |
| 24 08 | 76 | 0955 | | | | .3 | | 24080 | 6 | | | | | | 24.0 | 9.0 | 4.5 |
| 29 09 | 76 | 0950 | | | | .3 | | 24091 | 6 | | | | | | 13.0 | 8.0 | 1.5 |
| 27 10 | 76 | 1000 | | | | .3 | | 24102 | | | 5000. | 1350. | 830. | 44. | | | 2.2 |
| 29 11 | 76 | 1000 | | | | .3 | | 24115 | 6 | | 9000. | 880. | 1230. | 36. | 1.0 | 9.0 | 2.1 |
| 20 12 | 76 | 0945 | | | | .3 | | 24128 | 6 | | 14100E+1 | 3800. | 1620. | 48. | 0.0 | 12.0 | 3.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14100E+1
15887.*
1300.

3800.
1211.*
350.

9300.
1698.*
80.

48.
23.*
4.

24.0
11.8
0.0

12.0
9.4
7.0

4.5
2.8
1.4

NO OF SAMPLES

480 8 8 8 6 10 10 10

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 | 02 | 76 | 0930 | | | .3 | 0.430 | 0.104 | 0.175 | 1.420 | 0.027 | 2.400 | 466.0 | 258.0 | | |
| 06 | 04 | 76 | 0925 | | | .3 | 0.055 | 0.020 | 0.165 | 0.695 | 0.023 | 2.240 | | | | |
| 06 | 05 | 76 | 0955 | | | .3 | 0.117 | 0.057 | 0.205 | | 0.049 | 1.170 | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | 0.104 | 0.051 | 0.265 | | 0.069 | 0.940 | | | | |
| 28 | 06 | 76 | 0950 | | | .3 | 0.105 | 0.039 | 0.075 | 0.870 | 0.290 | 10.000 | | | | |
| 03 | 07 | 76 | 0950 | | | .3 | 0.330 | 0.286 | 0.120 | 0.865 | 0.119 | 1.800 | | | | |
| 24 | 08 | 76 | 0955 | | | .3 | 0.520 | 0.246 | 0.280 | 1.500 | 0.017 | 0.010L | | | | |
| 29 | 09 | 76 | 0950 | | | .3 | 0.117 | 0.066 | 0.160 | 0.755 | 0.012 | 0.150 | | | | |
| 27 | 10 | 76 | 1000 | | | .3 | 0.135 | 0.067 | 0.115 | 0.895 | 0.029 | 1.690 | | | | |
| 29 | 11 | 76 | 1000 | | | .3 | 0.100 | -0.050 | 0.100 | 0.765 | 0.047 | 7.000 | | | | |
| 20 | 12 | 76 | 0945 | | | .3 | 0.234 | 0.057 | 0.405 | 1.320 | 0.030 | 2.000 | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|--------|-------|-------|--|
| | | | | | | | MAXIMUM | 0.520 | 0.286 | 0.405 | 1.500 | 0.290 | 10.000 | 466.0 | 258.0 | |
| | | | | | | | AVG OR GEOM MN (*) | 0.204 | 0.095 | 0.188 | 1.009 | 0.068 | 2.6230 | 466.0 | 258.0 | |
| | | | | | | | MINIMUM | 0.055 | 0.020 | 0.075 | 0.695 | 0.012 | 0.010 | 466.0 | 258.0 | |
| | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | 9 | 11 | 11 | 1 | 1 | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 28 | 02 | 76 | 0930 | | | .3 | 306 | 180.00 | | | | | | | | |
| 06 | 04 | 76 | 0925 | | | .3 | 565 | 7.50 | 18.5 | | | | | | | |
| 06 | 05 | 76 | 0955 | | | .3 | 515 | 3.80 | 19.0 | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | 560 | 8.00 | 16.0 | | | | | | | |
| 28 | 06 | 76 | 0950 | | | .3 | 650 | 10.00 | 22.0 | | | | | | | |
| 03 | 07 | 76 | 0950 | | | .3 | 620 | 8.00 | 22.0 | | | | | | | |
| 24 | 08 | 76 | 0955 | | | .3 | 580 | 4.10 | 26.5 | | | | | | | |
| 29 | 09 | 76 | 0950 | | | .3 | 580 | 3.70 | 22.5 | | | | | | | |
| 27 | 10 | 76 | 1000 | | | .3 | 810 | 5.40 | 36.0 | | | | | | | |
| 29 | 11 | 76 | 1000 | | | .3 | 700 | 14.00 | 29.5 | | | | | | | |
| 20 | 12 | 76 | 0945 | | | .3 | 740 | 27.00 | 60.0 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-----|--------|------|--|--|--|--|--|--|
| | | | | | | | MAXIMUM | 810 | 180.00 | 60.0 | | | | | | |
| | | | | | | | AVG OR GEOM MN (*) | 602 | 24.68 | 27.2 | | | | | | |
| | | | | | | | MINIMUM | 306 | 3.70 | 16.0 | | | | | | |
| | | | | | | | NO OF SAMPLES | 11 | 11 | 10 | | | | | | |

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT COUNTY ROAD 26 ST THOMAS
STATION TYPE: RIVER

STATION ID: 16-0087-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 9 LAT LONG U.T.M. 17 0483450.0 4736750.0 4 REGION 01 MILEAGE 14.00

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | EOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 28 | 02 | 76 | 0845 | | | .3 | 24012 | 6 | | 8000. | 780. | 7300. | 12. | 2.0 | 12.0 | 1.8 |
| 06 | 04 | 76 | 0845 | | | .3 | 24023 | 6 | | 1600. | 20. | 200. | 4. | 4.0 | 9.5 | 1.6 |
| 06 | 05 | 76 | 0910 | | | .3 | 24034 | 6 | | 910. | 90. | 110. | 4. | 11.0 | 10.0 | 1.5 |
| 31 | 05 | 76 | 1200 | | | .3 | 24045 | 6 | | 2500. | 360. | 400. | 28. | 19. | 10. | 2.0 |
| 28 | 06 | 76 | 0910 | | | .3 | 24056 | 6 | | | | | | 20.0 | 9.0 | 2.7 |
| 03 | 07 | 76 | 0915 | | | .3 | 24067 | 6 | | 9000. | 240. | 200. | 8. | 21.0 | 11.0 | 7.2 |
| 24 | 08 | 76 | 0910 | | | .3 | 24078 | 6 | | | | | | 22.0 | 11.0 | 1.8 |
| 29 | 09 | 76 | 0900 | | | .3 | 24089 | 6 | | | | | | 15.0 | 13.0 | 2.2 |
| 27 | 10 | 76 | 0915 | | | .3 | 24100 | | | 890. | 140. | 820. | 4. | | | 3.8 |
| 29 | 11 | 76 | 0915 | | | .3 | 24113 | 6 | | 8000. | 1300. | 1520. | | 1.0 | 10.0 | 4.4 |
| 20 | 12 | 76 | 0905 | | | .3 | 24126 | 6 | | 11100E+1 | 2100. | 1000. | 80. | 0.1 | 16.0 | 4.0 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|--|--|----------|-------|-------|------|------|------|-----|
| | | | | | | | MAXIMUM | | | 11100E+1 | 2100. | 7300. | 80. | 22.0 | 16.0 | 7.2 |
| | | | | | | | AVG OR GEOM MN (*) | | | 4618.* | 287.* | 596.* | 10.* | 11.5 | 11.2 | 3.0 |
| | | | | | | | MINIMUM | | | 890. | 20. | 110. | 4. | 0.1 | 9.0 | 1.5 |
| | | | | | | | NO OF SAMPLES | | | 8 | 8 | 8 | 7 | 10 | 10 | 11 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 | 02 | 76 | 0845 | | | .3 | 0.315 | 0.125 | 0.270 | 0.900 | 0.032 | 2.100 | 372.0 | 165.0 | | |
| 06 | 04 | 76 | 0845 | | | .3 | 0.133 | 0.049 | 0.125 | 0.855 | 0.039 | 2.410 | 396.0 | 18.0 | | |
| 06 | 05 | 76 | 0910 | | | .3 | 0.077 | 0.014 | 0.030 | 0.555 | 0.028 | 2.350 | 390.0 | 53.0 | | |
| 31 | 05 | 76 | 1200 | | | .3 | 0.060 | 0.009 | 0.060 | 0.855 | 0.077 | 1.360 | 314.0 | 8.0 | | |
| 28 | 06 | 76 | 0910 | | | .3 | 0.400 | 0.027 | 0.210 | 5.000 | 0.192 | 1.340 | 338.0 | 38.0 | | |
| 03 | 07 | 76 | 0915 | | | .3 | 0.138 | 0.012 | 0.035 | 1.310 | 0.034 | 1.900 | 312.0 | 42.0 | | |
| 24 | 08 | 76 | 0910 | | | .3 | 0.116 | 0.023 | 0.005L | 0.950 | 0.020 | 0.330 | 350.0 | 71.0 | | |
| 29 | 09 | 76 | 0900 | | | .3 | 0.112 | 0.032 | 0.145 | 0.890 | 0.053 | 0.660 | 362.0 | 26.0 | | |
| 27 | 10 | 76 | 0915 | | | .3 | 0.141 | 0.046 | 0.205 | 0.800 | 0.025 | 0.860 | 408.0 | 12.0 | | |
| 29 | 11 | 76 | 0915 | | | .3 | 0.280 | 0.111 | 0.130 | 1.190 | 0.059 | 6.000 | 434.0 | 52.0 | | |
| 20 | 12 | 76 | 0905 | | | .3 | 0.244 | 0.105 | 0.225 | 0.520 | 0.041 | 2.500 | 786.0 | 283.0 | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|--|
| | | | | | | | MAXIMUM | 0.400 | 0.125 | 0.270 | 5.000 | 0.192 | 6.000 | 786.0 | 283.0 | |
| | | | | | | | AVG OR GEOM MN (*) | 0.183 | 0.050 | 0.1310 | 1.257 | 0.055 | 1.983 | 405.6 | 69.8 | |
| | | | | | | | MINIMUM | 0.060 | 0.009 | 0.005 | 0.520 | 0.020 | 0.330 | 312.0 | 8.0 | |
| | | | | | | | NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 15 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 02 | 76 | 0845 | | .3 | | 317 | 155.00 | 12.5 | | | | | | | |
| 06 | 04 | 76 | 0845 | | .3 | | 520 | 45.00 | | | | | | | | |
| 06 | 05 | 76 | 0910 | | .3 | | 500 | 40.00 | 20.0 | | | | | | | |
| 31 | 05 | 76 | 1200 | | .3 | | 500 | 4.30 | 23.0 | | | | | | | |
| 28 | 06 | 76 | 0910 | | .3 | | 456 | 22.00 | 18.5 | | | | | | | |
| 03 | 07 | 76 | 0915 | | .3 | | 455 | 16.00 | 22.5 | | | | | | | |
| 24 | 08 | 76 | 0910 | | .3 | | 438 | 30.00 | 26.0 | | | | | | | |
| 29 | 09 | 76 | 0900 | | .3 | | 530 | 19.00 | | | | | | | | |
| 27 | 10 | 76 | 0915 | | .3 | | 660 | 14.00 | 31.5 | | | | | | | |
| 29 | 11 | 76 | 0915 | | .3 | | 560 | 86.00 | 29.5 | | | | | | | |
| 20 | 12 | 76 | 0905 | | .3 | | 780 | 270.00 | 98.0 | | | | | | | |
| MAXIMUM | | | | | | | 780 | 270.00 | 98.0 | | | | | | | |
| AVG OR GEOM MN (+) | | | | | | | 520 | 63.76 | 31.3 | | | | | | | |
| MINIMUM | | | | | | | 317 | 4.30 | 12.5 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 9 | | | | | | | |

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: FIRST BRIDGE ABOVE PORT STANLEY
STATION TYPE: RIVER FLOW GAUGE MOE 02GC111

STATION ID: 16-0087-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

| STN NO | 10 | LAT | LONG | U.T.M. 17 0482175.0 4726500.0 4 | REGION 01 | MILEAGE | 3.00 | | | | | | | | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|---------|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 28 | 02 | 76 | 1210 | | .3 | | 24019 | 6 | | 12000. | 2400. | 8100. | 12. | 4.0 | 10.0 | 2.2 |
| 06 | 04 | 76 | 1110 | | .3 | | 24030 | 6 | | 10000. | 1550. | 410. | 24. | 5.0 | 10.0 | 2.0 |
| 06 | 05 | 76 | 1125 | | .3 | | 24041 | 6 | | 4200. | 710. | 90. | 4. | 11.0 | 10.0 | 2.2 |
| 25 | 05 | 76 | 1333 | | .3 | | 21233 | 6 | | 1900. | 52. | 90. | 8. | 14.1 | 11.4 | 2.5 |
| 31 | 05 | 76 | 1200 | | .3 | | 24052 | 6 | | 17000. | 490. | 90. | 20. | 18. | 8. | 1.1 |
| 24 | 06 | 76 | 1200 | | .3 | | 21283 | 6 | | 3000. | 740. | 250. | 4. | L 26.4 | 7.6 | 1.8 |
| 28 | 06 | 76 | 1155 | | .3 | | 24063 | 6 | | | | | | 23.0 | 9.0 | 3.0 |
| 03 | 07 | 76 | 1135 | | .3 | | 24074 | 6 | | 8000. | 430. | 140. | 4. | 24.0 | 10.0 | 3.2 |
| 28 | 07 | 76 | 1023 | | .3 | | 21332 | 6 | | 14000. | 296. | 220. | 36. | 22.4 | 9.9 | 1.9 |
| 18 | 08 | 76 | 1033 | | .3 | | 21383 | 6 | | 10600. | 1960. | 280. | 16. | 19.2 | 11.4 | 2.4 |
| 24 | 08 | 76 | 1145 | | .3 | | 24085 | 6 | | | | | | 23.0 | 14.0 | 7.0 |
| 29 | 09 | 76 | 1150 | | .3 | | 24096 | 6 | | | | | | 15.0 | 11.0 | 1.6 |
| 27 | 10 | 76 | 1350 | | .3 | | 24109 | | | 41000. | 1800. | 180. | 44. | | | 2.8 |
| 29 | 11 | 76 | 1350 | | .3 | | 24122 | 6 | | 15000. | 1060. | 2100. | 160. | 1.0 | 10.5 | 3.6 |
| 16 | 12 | 76 | 1015 | | .3 | | 21604 | 4 | | | | | | 0.5 | 15.9 | |
| 20 | 12 | 76 | 1340 | | .3 | | 24135 | 6 | | 82000. | 1110. | 2510. | 70. | 0.0 | 13.0 | 5.6 |
| MAXIMUM | | | | | | | | | | 82000. | 2400. | 8100. | 160. | 26.4 | 15.9 | 7.0 |
| AVG OR GEOM MN (+) | | | | | | | | | | 10935.* | 738.* | 361.* | 18.* D | 13.8 | 10.8 | 2.9 |
| MINIMUM | | | | | | | | | | 1900. | 52. | 90. | 4. | 0.0 | 7.6 | 1.1 |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | 12 | 15 | 15 | 15 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 28 | 02 | 76 | 1210 | | .3 | | 0.440 | 0.162 | 0.295 | 1.280 | 0.031 | 1.990 | 528.0 | 255.0 | | |
| 06 | 04 | 76 | 1110 | | .3 | | 0.125 | 0.069 | 0.415 | 0.650 | 0.073 | 2.600 | 438.0 | 23.0 | | |
| 06 | 05 | 76 | 1125 | | .3 | | 0.100 | 0.025 | 0.050 | 0.700 | 0.026 | 1.400 | 386.0 | 26.5 | | |
| 25 | 05 | 76 | 1333 | | .3 | | 0.083 | 0.023 | 0.015 | 0.620 | 0.057 | 2.390 | 472.0 | 32.5 | 439 | |
| 31 | 05 | 76 | 1200 | | .3 | | 0.156 | 0.086 | 0.265 | 1.500 | 0.219 | 2.270 | 414.0 | 19.0 | | |
| 24 | 06 | 76 | 1200 | | .3 | | 0.160 | 0.037 | 0.005L | 0.925 | 0.147 | 1.080 | 532.0 | 36.5 | 496 | |
| 28 | 06 | 76 | 1155 | | .3 | | 0.254 | 0.097 | 0.025 | 1.150 | 0.149 | 4.000 | 424.0 | 76.0 | | |
| 03 | 07 | 76 | 1135 | | .3 | | 0.202 | 0.085 | 0.020 | 0.910 | 0.035 | 3.400 | 434.0 | 59.0 | | |
| 28 | 07 | 76 | 1023 | | .3 | | 0.214 | 0.093 | 0.025 | 1.040 | 0.043 | 2.800 | 442.0 | 50.0 | 392 | |
| 18 | 08 | 76 | 1033 | | .3 | | 0.310 | 0.143 | 0.025 | 1.890 | 0.029 | 1.840 | 502.0 | 70.5 | 432 | |
| 24 | 08 | 76 | 1145 | | .3 | | 0.200 | 0.005 | 0.020 | 1.840 | 0.031 | 1.290 | 406.0 | 42.0 | | |
| 29 | 09 | 76 | 1150 | | .3 | | 0.282 | 0.139 | 0.025 | 0.650 | 0.059 | 2.390 | 458.0 | 27.5 | | |
| 27 | 10 | 76 | 1350 | | .3 | | 0.193 | 0.103 | 0.100 | 0.785 | 0.052 | 3.400 | 494.0 | 17.5 | 477 | |
| 29 | 11 | 76 | 1350 | | .3 | | 0.286 | 0.140 | 0.125 | 1.140 | 0.056 | 5.300 | 454.0 | 61.0 | 393 | |
| 16 | 12 | 76 | 1015 | | .3 | | | | | | | | | | | |
| 20 | 12 | 76 | 1340 | | .3 | | 0.500 | 0.121 | 0.510 | 1.900 | 0.064 | 3.100 | 710.0 | 241.0 | 469 | |
| MAXIMUM | | | | | | | 0.500 | 0.162 | 0.510 | 1.900 | 0.219 | 5.300 | 710.0 | 255.0 | 496 | |
| AVG OR GEOM MN (+) | | | | | | | 0.234 | 0.089 | 0.128D | 1.132 | 0.071 | 2.617 | 472.9 | 69.1 | 442 | |
| MINIMUM | | | | | | | 0.083 | 0.005 | 0.005 | 0.620 | 0.026 | 1.080 | 386.0 | 17.5 | 392 | |
| NO OF SAMPLES | | | | | | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 7 | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 210 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 02 | 76 | 1210 | | .3 | | 348 | 205.00 | 16.5 | | | | | | | |
| 06 | 04 | 76 | 1110 | | .3 | | 585 | 42.00 | 29.5 | | | | | | | |
| 06 | 05 | 76 | 1125 | | .3 | | 520 | 20.00 | 16.5 | | | | | | | |
| 25 | 05 | 76 | 1333 | | .3 | | 600 | 19.00 | 31.0 | 48.0 | 1.05 | | | 8.42 | | 0.920 |
| 31 | 05 | 76 | 1200 | | .3 | | 600 | 7.50 | 34.0 | | | | | | | |
| 24 | 06 | 76 | 1200 | | .3 | | 610 | 42.00 | 47.0 | 53.0 | 1.10 | | | 8.22 | | 1.780 |
| 28 | 06 | 76 | 1155 | | .3 | | 530 | 57.00 | 30.5 | | | | | | | |
| 03 | 07 | 76 | 1135 | | .3 | | 580 | 45.00 | 33.5 | | | | | | | |
| 28 | 07 | 76 | 1023 | | .3 | | 600 | 43.00 | 44.0 | 40.0 | 2.45 | | | 8.28 | | 2.250 |
| 18 | 08 | 76 | 1033 | | .3 | | 640 | 56.00 | 35.5 | 41.0 | 4.00 | | | 8.17 | | 3.500 |
| 24 | 08 | 76 | 1145 | | .3 | | 600 | 29.00 | 48.0 | | | | | | | |
| 29 | 09 | 76 | 1150 | | .3 | | 610 | 26.00 | | | | | | | | |
| 27 | 10 | 76 | 1350 | | .3 | | 760 | 19.00 | 42.0 | 56.0 | 2.90 | | | 8.23 | | 0.940 |
| 29 | 11 | 76 | 1350 | | .3 | | 600 | 83.00 | 34.5 | 54.0 | 3.00 | | | 8.01 | | 3.640 |
| 16 | 12 | 76 | 1015 | | .3 | | | | | | | | | | | |
| 20 | 12 | 76 | 1340 | | .3 | | 710 | 180.00 | 58.0 | 58.0 | 2.25 | | | 7.89 | | 8.700 |

| | | | | | | | | |
|--------------------|-----|--------|------|------|------|--|------|-------|
| MAXIMUM | 760 | 205.00 | 58.0 | 58.0 | 4.00 | | 8.42 | 8.700 |
| AVG OR GEOM MN (*) | 593 | 58.23 | 35.8 | 50.0 | 2.39 | | 8.17 | 3.104 |
| MINIMUM | 348 | 7.50 | 16.5 | 40.0 | 1.05 | | 7.89 | 0.920 |
| NO OF SAMPLES | 15 | 15 | 14 | 7 | 7 | | 7 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 28 | 02 | 76 | 1210 | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1110 | | .3 | | 1.0L | | | | | | | | | |
| 06 | 05 | 76 | 1125 | | .3 | | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 1333 | | .3 | | 1.0 | | | | | | | | | |
| 31 | 05 | 76 | 1200 | | .3 | | 1.5 | | | | | | | | | |
| 24 | 06 | 76 | 1200 | | .3 | | 1.0 | | | | | | | | | |
| 28 | 06 | 76 | 1155 | | .3 | | 1.0L | | | | | | | | 38 | 1 |
| 03 | 07 | 76 | 1135 | | .3 | | 2.0 | | | | | | | | | |
| 28 | 07 | 76 | 1023 | | .3 | | 9.0 | | | | | | | | 26 | |
| 18 | 08 | 76 | 1033 | | .3 | | 2.0 | | | | | | | 17 | 28 | |
| 24 | 08 | 76 | 1145 | | .3 | | 1.0 | | | | | | | | | |
| 29 | 09 | 76 | 1150 | | .3 | | 2.0 | | | | | | | | | |
| 27 | 10 | 76 | 1350 | | .3 | | 1.0 | | | | | | | | 11 | |
| 29 | 11 | 76 | 1350 | | .3 | | 3.0 | | | | | | | | 36 | |
| 16 | 12 | 76 | 1015 | | .3 | | | | | | | | | | | 2L |
| 20 | 12 | 76 | 1340 | | .3 | | 4.0 | | | | | | | 16 | 46 | |

| | | | | | | | | | |
|--------------------|------|--|--|--|--|--|----|----|----|
| MAXIMUM | 9.0 | | | | | | 17 | 46 | 2 |
| AVG OR GEOM MN (*) | 2.20 | | | | | | 17 | 31 | 20 |
| MINIMUM | 1.0 | | | | | | 16 | 11 | 1 |
| NO OF SAMPLES | 14 | | | | | | 2 | 6 | 2 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 06 | 76 | 1200 | | .3 | | 0.002 | 0.160 | | 0.020 | 0.010L | 0.010L | 0.010L | 0.020 | | 0.020 |
| 16 | 12 | 76 | 1015 | | .3 | | 0.002 | 0.060 | | 0.010L | 0.010L | 0.010L | 0.005L | 0.040 | | 0.010L |

| | | | | | | | | | |
|--------------------|-------|-------|--|--------|--------|--------|--------|-------|--------|
| MAXIMUM | 0.002 | 0.160 | | 0.020 | 0.010 | 0.010 | 0.010 | 0.040 | 0.020 |
| AVG OR GEOM MN (*) | 0.002 | 0.110 | | 0.015D | 0.010D | 0.010D | 0.008D | 0.030 | 0.015D |
| MINIMUM | 0.002 | 0.060 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.020 | 0.010 |
| NO OF SAMPLES | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | 2 |

B.O.W./ SITE: KETTLE CREEK TRIBUTARY
SAMPLE POINT: 2 MILES EAST OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 11 LAT LONG U.T.M. 17 0487850.0 4727900.0 4 REGION 01 MILEAGE 9.20

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 02 | 76 | 1200 | | .3 | | 24018 | 6 | | | | | | 4.0 | 12.0 | |
| 06 | 04 | 76 | 1055 | | .3 | | 24029 | | | 1400. | 360. | 120. | 4. L | 4.0 | 11.0 | 1.7 |
| 06 | 05 | 76 | 1110 | | .3 | | 24040 | 6 | | 6100. | 460. | 430. | 4. L | 8.0 | 10.5 | 1.9 |
| 31 | 05 | 76 | 1200 | | .3 | | 24051 | 6 | | 24000. | 2800. | 8600. | | 18. | 11. | 2.8 |
| 28 | 06 | 76 | 1130 | | .3 | | 24062 | 6 | | | | | | 25.0 | 10.0 | 0.8 |
| 03 | 07 | 76 | 1110 | | .3 | | 24073 | 6 | | 55000. | 410. | 1300. | 4. L | 22.0 | 9.0 | 1.3 |
| 24 | 08 | 76 | 1130 | | .3 | | 24084 | 6 | | | | | | 23.0 | 10.0 | 0.7 |
| 29 | 09 | 76 | 1135 | | .3 | | 24095 | 6 | | | | | | 15.0 | 11.0 | 0.8 |
| 27 | 10 | 76 | 1335 | | .3 | | 24108 | | | 2300. | 250. | 160. | 4. | | | 0.9 |
| 29 | 11 | 76 | 1335 | | .3 | | 24121 | 6 | | 12000. | 280. | 90. | 4. L | 1.0 | 10.0 | 1.5 |
| 20 | 12 | 76 | 1315 | | .3 | | 24134 | 6 | | 19300E+1 | 15000. | 2470. | | 1.0 | 12.0 | 6.4 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|----------|--------|-------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | 19300E+1 | 15000. | 8600. | 4. | 25.0 | 12.0 | 6.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 12919.* | 794.* | 574.* | 4.* D | 12.1 | 10.7 | 1.9 |
| MINIMUM | | | | | | | | | | 1400. | 250. | 90. | 4. | 1.0 | 9.0 | 0.7 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | 7 | 5 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 02 | 76 | 1200 | | | | .3 | | | | | | | | | | |
| 06 | 04 | 76 | 1055 | | | | .3 | 0.052 | 0.016 | 0.035 | 0.420 | 0.015 | 1.920 | | | | |
| 06 | 05 | 76 | 1110 | | | | .3 | 0.057 | 0.022 | 0.025 | 0.500 | 0.022 | 1.680 | | | | |
| 31 | 05 | 76 | 1200 | | | | .3 | 0.185 | 0.072 | 0.100 | 1.500 | 0.071 | 1.470 | | | | |
| 28 | 06 | 76 | 1130 | | | | .3 | 0.079 | 0.033 | 0.015 | 0.600 | 0.041 | 2.030 | | | | |
| 03 | 07 | 76 | 1110 | | | | .3 | 0.068 | 0.035 | 0.020 | 0.435 | 0.028 | 2.100 | | | | |
| 24 | 08 | 76 | 1130 | | | | .3 | 0.079 | 0.038 | 0.025 | 0.535 | 0.030 | 1.330 | | | | |
| 29 | 09 | 76 | 1135 | | | | .3 | 0.060 | 0.035 | 0.020 | 0.395 | 0.018 | 1.460 | | | | |
| 27 | 10 | 76 | 1335 | | | | .3 | 0.049 | 0.021 | 0.025 | 0.455 | 0.018 | 2.020 | | | | |
| 29 | 11 | 76 | 1335 | | | | .3 | 0.046 | 0.020 | 0.045 | 0.495 | 0.022 | 2.900 | | | | |
| 20 | 12 | 76 | 1315 | | | | .3 | 0.605 | 0.111 | 0.495 | 2.480 | 0.061 | 3.100 | | | | |
| MAXIMUM | | | | | | | | 0.605 | 0.111 | 0.495 | 2.480 | 0.071 | 3.100 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.128 | 0.040 | 0.081 | 0.782 | 0.033 | 2.001 | | | | |
| MINIMUM | | | | | | | | 0.046 | 0.016 | 0.015 | 0.395 | 0.015 | 1.330 | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 06 | 04 | 76 | 1055 | | | | .3 | 520 | 6.00 | 16.0 | | | | | | | |
| 06 | 05 | 76 | 1110 | | | | .3 | 500 | 4.00 | 13.5 | | | | | | | |
| 31 | 05 | 76 | 1200 | | | | .3 | 480 | 17.00 | 15.0 | | | | | | | |
| 28 | 06 | 76 | 1130 | | | | .3 | 520 | 12.00 | 12.0 | | | | | | | |
| 03 | 07 | 76 | 1110 | | | | .3 | 540 | 7.70 | 13.5 | | | | | | | |
| 24 | 08 | 76 | 1130 | | | | .3 | 560 | 5.60 | 15.5 | | | | | | | |
| 29 | 09 | 76 | 1135 | | | | .3 | 570 | 3.80 | 14.5 | | | | | | | |
| 27 | 10 | 76 | 1335 | | | | .3 | 770 | 3.10 | 20.0 | | | | | | | |
| 29 | 11 | 76 | 1335 | | | | .3 | 600 | 5.80 | 18.5 | | | | | | | |
| 20 | 12 | 76 | 1315 | | | | .3 | 710 | 170.00 | 57.0 | | | | | | | |
| MAXIMUM | | | | | | | | 770 | 170.00 | 57.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 577 | 23.50 | 19.6 | | | | | | | |
| MINIMUM | | | | | | | | 480 | 3.10 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W. / SITE: KETTLE CREEK
SAMPLE POINT: AT ELGIN COUNTY ROAD 45
STATION TYPE: RIVER

STATION ID: 16-0087-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 12 LAT LONG U.T.M. 17 0482550.0 4731350.0 4 REGION 01 MILEAGE 10.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 02 | 76 | 1245 | | | | .3 | 24021 | 6 | | 42000. | 1420. | 8500. | 20. | 4.0 | 11.0 | 1.6 |
| 06 | 04 | 76 | 1140 | | | | .3 | 24032 | 6 | | 4000. | 1500. | 100. | | 5.0 | 10.0 | 2.2 |
| 06 | 05 | 76 | 1150 | | | | .3 | 24043 | 6 | | 32000. | 3300. | 230. | 4. | 12.0 | 8.5 | 3.9 |
| 31 | 05 | 76 | 1200 | | | | .3 | 24054 | 6 | | 13200E+1 | 3600. | 540. | 52. | 16. | 9.5 | 4.0 |
| 28 | 06 | 76 | 1250 | | | | .3 | 24065 | 6 | | | | | | 23.0 | 9.0 | 2.4 |
| 03 | 07 | 76 | 1235 | | | | .3 | 24076 | 6 | | 20000. | 2600. | 230. | 4. | 28.0 | 8.0 | 5.2 |
| 24 | 08 | 76 | 1245 | | | | .3 | 24087 | 6 | | | | | | 24.0 | 9.0 | 4.4 |
| 29 | 09 | 76 | 1235 | | | | .3 | 24098 | 6 | | | | | | 15.0 | 9.0 | 2.0 |
| 27 | 10 | 76 | 1430 | | | | .3 | 24111 | | | 23000. | 1450. | 210. | 12. | | | 3.8 |
| 29 | 11 | 76 | 1430 | | | | .3 | 24124 | 6 | | 25000. | 1260. | 230. | 152. | 1.0 | 10.5 | 4.0 |
| 20 | 12 | 76 | 1420 | | | | .3 | 24137 | 6 | | 33000E+1 | 7200. | 2800. | 120. | 1.0 | 12.5 | 8.0 |
| MAXIMUM | | | | | | | | | | | 33000E+1 | 7200. | 8500. | 152. | 28.0 | 12.5 | 8.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 35788.* | 2329.* | 489.* | 23.* | 12.9 | 9.7 | 3.8 |
| MINIMUM | | | | | | | | | | | 4000. | 1260. | 100. | 4. | 1.0 | 8.0 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 8 | 8 | 7 | 10 | 10 | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 02 | 76 | 1245 | | | | .3 | 0.250 | 0.144 | 0.265 | 1.520 | 0.031 | 1.860 | 408.0 | 174.0 | | |
| 06 | 04 | 76 | 1140 | | | | .3 | 0.123 | 0.056 | 0.345 | 0.610 | 0.065 | 5.520 | 448.0 | 40.5 | | |
| 06 | 05 | 76 | 1150 | | | | .3 | 0.160 | 0.096 | 0.580 | 1.150 | 0.226 | 2.620 | 386.0 | 23.5 | | |
| 31 | 05 | 76 | 1200 | | | | .3 | 0.210 | 0.100 | 0.495 | 1.750 | 0.233 | 2.800 | 402.0 | 26.0 | | |
| 28 | 06 | 76 | 1250 | | | | .3 | 0.310 | 0.195 | 0.155 | 1.150 | 0.330 | 5.300 | 388.0 | 33.0 | | |
| 03 | 07 | 76 | 1235 | | | | .3 | 0.220 | 0.099 | 0.095 | 0.925 | 0.118 | 4.300 | 424.0 | 50.0 | | |
| 24 | 08 | 76 | 1245 | | | | .3 | 0.540 | 0.278 | 0.010 | 1.900 | 0.132 | 3.900 | 448.0 | 22.0 | | |
| 29 | 09 | 76 | 1235 | | | | .3 | 0.330 | 0.247 | 0.545 | 1.390 | 0.191 | 2.810 | 462.0 | 19.5 | | |
| 27 | 10 | 76 | 1430 | | | | .3 | 0.193 | 0.111 | 0.100 | 0.800 | 0.055 | 3.400 | 480.0 | 14.5 | | |
| 29 | 11 | 76 | 1430 | | | | .3 | 0.250 | 0.105 | 0.105 | 0.800 | 0.051 | 5.200 | 446.0 | 50.0 | | |
| 20 | 12 | 76 | 1420 | | | | .3 | 0.425 | 0.380 | 0.765 | 2.020 | 0.053 | 2.200 | 506.0 | 114.0 | | |
| MAXIMUM | | | | | | | | 0.540 | 0.380 | 0.765 | 2.020 | 0.330 | 5.520 | 506.0 | 174.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.274 | 0.165 | 0.315 | 1.274 | 0.135 | 3.628 | 436.2 | 51.5 | | |
| MINIMUM | | | | | | | | 0.123 | 0.056 | 0.010 | 0.610 | 0.031 | 1.860 | 386.0 | 14.5 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 02 | 76 | 1245 | | | .3 | | 337 | 160.00 | 16.0 | | | | | | | |
| 06 | 04 | 76 | 1140 | | | .3 | | 590 | 35.00 | 30.0 | | | | | | | |
| 06 | 05 | 76 | 1150 | | | .3 | | 570 | 13.00 | 30.0 | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | | 570 | 17.00 | 35.5 | | | | | | | |
| 28 | 06 | 76 | 1250 | | | .3 | | 560 | 26.00 | 32.5 | | | | | | | |
| 03 | 07 | 76 | 1235 | | | .3 | | 560 | 40.00 | 34.5 | | | | | | | |
| 24 | 08 | 76 | 1245 | | | .3 | | 680 | 14.00 | 53.0 | | | | | | | |
| 29 | 09 | 76 | 1235 | | | .3 | | 640 | 19.00 | | | | | | | | |
| 27 | 10 | 76 | 1430 | | | .3 | | 650 | 19.00 | 42.0 | | | | | | | |
| 29 | 11 | 76 | 1430 | | | .3 | | 620 | 61.00 | 34.5 | | | | | | | |
| 20 | 12 | 76 | 1420 | | | .3 | | 580 | 78.00 | 54.0 | | | | | | | |

MAXIMUM 680 160.00 54.0
 AVG OR GEOM MN (*) 578 43.82 36.2
 MINIMUM 337 13.00 16.0
 NO OF SAMPLES 11 11 10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 28 | 02 | 76 | 1245 | | | .3 | | 1.0L | | | | | | | | | |
| 06 | 04 | 76 | 1140 | | | .3 | | 1.0L | | | | | | | | | |
| 06 | 05 | 76 | 1150 | | | .3 | | 1.0L | | | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | | 1.5 | | | | | | | | | |
| 28 | 06 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | | | |
| 03 | 07 | 76 | 1235 | | | .3 | | 1.0 | | | | | | | | | |
| 24 | 08 | 76 | 1245 | | | .3 | | 1.0 | | | | | | | | | |
| 29 | 09 | 76 | 1235 | | | .3 | | 1.0 | | | | | | | | | |
| 27 | 10 | 76 | 1430 | | | .3 | | 1.0 | | | | | | | | | |
| 29 | 11 | 76 | 1430 | | | .3 | | 6.0 | | | | | | | | | |
| 20 | 12 | 76 | 1420 | | | .3 | | 4.0 | | | | | | | | | |

MAXIMUM 6.0
 AVG OR GEOM MN (*) 1.8D
 MINIMUM 1.0
 NO OF SAMPLES 11

B.O.W./ SITE: DODD CREEK
 SAMPLE POINT: AT HIGHWAY 3 ST THOMAS
 STATION TYPE: RIVER

STATION ID: 16-0087-013-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: KETTLE CREEK

STORET CODE: 02
 003
 1660

STN NO 13 LAT LONG U.T.M. 17 0482200.0 4736850.0 4 REGION 01 MILEAGE 14.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BCD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 02 | 76 | 0825 | | | .3 | | 24011 | 6 | | 4000. | 500. | 9400. | 12. | 2.0 | 11.0 | 1.6 |
| 06 | 04 | 76 | 0825 | | | .3 | | 24022 | 6 | | 1000. | 160. | 100. | 4. | 4.0 | 60.6 | 1.5 |
| 06 | 05 | 76 | 0855 | | | .3 | | 24033 | 6 | | 17000. | 100. | 44. | 4. | 11.0 | 7.0 | 1.1 |
| 31 | 05 | 76 | 1200 | | | .3 | | 24044 | 6 | | 5600. | 340. | 350. | 4. | 18. | 9. | 1.4 |
| 28 | 06 | 76 | 0900 | | | .3 | | 24055 | 6 | | | | | | 2.0 | 10.0 | 3.2 |
| 03 | 07 | 76 | 0900 | | | .3 | | 24066 | 6 | | 52000. | 510. | 250. | 8. | 22.0 | 12.0 | 4.4 |
| 24 | 08 | 76 | 0900 | | | .3 | | 24077 | 6 | | | | | | 23.0 | 11.0 | 4.2 |
| 29 | 09 | 76 | 0850 | | | .3 | | 24088 | 6 | | | | | | 15.0 | 12.0 | 11.6 |
| 27 | 10 | 76 | 0900 | | | .3 | | 24099 | | | 1900. | 410. | 510. | 16. | | | 2.4 |
| 29 | 11 | 76 | 0900 | | | .3 | | 24112 | 6 | | 9000. | 420. | 950. | 92. | 1.0 | 12.0 | 3.4 |
| 20 | 12 | 76 | 0850 | | | .3 | | 24125 | 6 | | 18100E+1 | 1100. | 920. | 24. | 0.2 | 16.0 | 6.4 |

MAXIMUM 18100E+1 1100. 9400. 92. 23.0 60.6 11.6
 AVG OR GEOM MN (*) 9407.* 357.* 448.* 11.* D 9.8 16.1 3.7
 MINIMUM 1000. 100. 44. 4. 0.2 7.0 1.1
 NO OF SAMPLES 8 8 8 8 10 10 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 02 | 76 | 0825 | | | .3 | | 0.455 | 0.127 | 0.215 | 1.180 | 0.033 | 2.100 | 466.0 | 231.0 | | |
| 06 | 04 | 76 | 0825 | | | .3 | | 0.065 | 0.025 | 0.085 | 0.785 | 0.024 | 2.650 | | | | |
| 06 | 05 | 76 | 0855 | | | .3 | | 0.049 | 0.012 | 0.015 | 0.615 | 0.027 | 1.440 | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | | 0.057 | 0.022 | 0.035 | 0.705 | 0.037 | 1.840 | | | | |
| 28 | 06 | 76 | 0900 | | | .3 | | 0.117 | 0.035 | 0.035 | 0.900 | 0.350 | 8.700 | | | | |
| 03 | 07 | 76 | 0900 | | | .3 | | 0.220 | 0.066 | 0.040 | 1.200 | 0.043 | 3.200 | | | | |
| 24 | 08 | 76 | 0900 | | | .3 | | 0.152 | 0.011 | 0.015 | 1.200 | 0.003 | 0.010 | | | | |
| 29 | 09 | 76 | 0850 | | | .3 | | 0.142 | 0.027 | 0.005 | 0.940 | 0.011 | 0.920 | | | | |
| 27 | 10 | 76 | 0900 | | | .3 | | 0.095 | 0.048 | 0.020 | 0.715 | 0.020 | 6.100 | | | | |
| 29 | 11 | 76 | 0900 | | | .3 | | 0.161 | 0.080 | 0.045 | 0.800 | 0.035 | 4.700 | | | | |
| 20 | 12 | 76 | 0850 | | | .3 | | 0.300 | 0.011 | 0.050 | 1.180 | 0.003 | 1.900 | | | | |

MAXIMUM 0.455 0.127 0.215 1.200 0.350 8.700 466.0 231.0
 AVG OR GEOM MN (*) 0.165 0.042 0.051 0.929 0.053 3.051 466.0 231.0
 MINIMUM 0.049 0.011 0.005 0.615 0.003 0.010 466.0 231.0
 NO OF SAMPLES 11 11 11 11 11 1 1

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 02 | 76 | 0825 | | | .3 | 314 | 195.00 | 15.5 | | | | | | | |
| 06 | 04 | 76 | 0825 | | | .3 | 600 | 21.00 | 28.0 | | | | | | | |
| 06 | 05 | 76 | 0855 | | | .3 | 560 | 15.00 | 30.5 | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | 600 | 12.00 | 36.0 | | | | | | | |
| 28 | 06 | 76 | 0900 | | | .3 | 640 | 33.00 | 48.0 | | | | | | | |
| 03 | 07 | 76 | 0900 | | | .3 | 580 | 58.00 | 25.5 | | | | | | | |
| 24 | 08 | 76 | 0900 | | | .3 | 600 | 60.00 | 39.5 | | | | | | | |
| 29 | 09 | 76 | 0850 | | | .3 | 660 | 35.00 | 54.0 | | | | | | | |
| 27 | 10 | 76 | 0900 | | | .3 | 800 | 18.00 | 44.0 | | | | | | | |
| 29 | 11 | 76 | 0900 | | | .3 | 620 | 48.00 | 35.0 | | | | | | | |
| 20 | 12 | 76 | 0850 | | | .3 | 860 | 98.00 | 95.0 | | | | | | | |

MAXIMUM 860 195.00 95.0
 AVG OR GEOM MN (*) 621 53.91 41.0
 MINIMUM 314 12.00 15.5
 NO OF SAMPLES 11 11 11

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 28 | 02 | 76 | 0825 | | | .3 | 1.0L | | | | | | | | | |
| 06 | 04 | 76 | 0825 | | | .3 | 1.0L | | | | | | | | | |
| 06 | 05 | 76 | 0855 | | | .3 | 1.0 | | | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | 1.0 | | | | | | | | | |
| 28 | 06 | 76 | 0900 | | | .3 | 1.0L | | | | | | | | | |
| 03 | 07 | 76 | 0900 | | | .3 | | | | | | | | | | |
| 24 | 08 | 76 | 0900 | | | .3 | 2.0 | | | | | | | | | |
| 29 | 09 | 76 | 0850 | | | .3 | 1.0 | | | | | | | | | |
| 27 | 10 | 76 | 0900 | | | .3 | 1.0 | | | | | | | | | |
| 29 | 11 | 76 | 0900 | | | .3 | 2.0 | | | | | | | | | |
| 20 | 12 | 76 | 0850 | | | .3 | 4.0 | | | | | | | | | |

MAXIMUM 4.0
 AVG OR GEOM MN (*) 1.50
 MINIMUM 1.0
 NO OF SAMPLES 10

B.O.W./ SITE: CATFISH CREEK
 SAMPLE POINT: AT CONCESSION ROAD 2 MILES EAST OF SPARTA
 STATION TYPE: RIVER FLOW GAUGE FED D2GCO18

STATION ID: 16-0097-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CATFISH CREEK

STORET CODE: 02
 003
 1570

STN NO 3 LAT LONG U.T.M. 17 0496250.0 4727550.0 4 REGION 01 MILEAGE 3.20

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 02 | 76 | 1130 | | | .3 | 24017 | 6 | 377.00 | 15000. | 640. | 9900. | 4. L | 4.0 | 10.5 | |
| 06 | 04 | 76 | 1030 | | | .3 | 24028 | 6 | 109.00 | 1250. | 52. | 100. | 4. L | 5.0 | 10.0 | 2.0 |
| 06 | 05 | 76 | 1100 | | | .3 | 24039 | 6 | 74.50 | 1280. | 12. | 44. | 4. L | 11.0 | 8.5 | 2.8 |
| 25 | 05 | 76 | 1406 | | | .3 | 21232 | 6 | 44.00 | 500. | 40. | 48. | 4. L | 14.2 | 11.6 | 2.0 |
| 31 | 05 | 76 | 1200 | | | .3 | 24050 | 6 | 37.60 | 850. | 330. | 160. | 8. | 18. | 10. | 1.6 |
| 24 | 06 | 76 | 1245 | | | .3 | 21282 | 6 | 20.40 | 270. | 120. | 72. | 4. L | 28.9 | 10.6 | 2.4 |
| 28 | 06 | 76 | 1120 | | | .3 | 24061 | 6 | 36.00 | | | | | 25.0 | 9.0 | 2.4 |
| 03 | 07 | 76 | 1100 | | | .3 | 24072 | 6 | 63.00 | 20000. | 190. | 220. | 4. L | 23.0 | 9.0 | 4.4 |
| 28 | 07 | 76 | 1102 | | | .3 | 21331 | 6 | 15.40 | 2100. | 280. | 172. | 8. | 23.1 | 11.0 | 2.4 |
| 18 | 08 | 76 | 1058 | | | .3 | 21382 | 6 | 13.70 | 600. | 108. | 112. | 4. L | 19.9 | 14.8 | 2.2 |
| 24 | 08 | 76 | 1110 | | | .3 | 24083 | 6 | 8.20 | | | | | 24.0 | 10.0 | 1.8 |
| 29 | 09 | 76 | 1115 | | | .3 | 24094 | 6 | 9.70 | | | | | 14.0 | 10.5 | 1.9 |
| 27 | 10 | 76 | 1220 | | | .3 | 24107 | | 22.60 | 3300. | 100. | 80. | 4. L | | | 2.6 |
| 29 | 11 | 76 | 1200 | | | .3 | 24120 | 6 | | 11000. | 510. | 1260. | 12. | | | 2.4 |
| 16 | 12 | 76 | 1050 | | | .3 | 21605 | 4 | 13.80 | | | | | 0.1 | 16.4 | |
| 20 | 12 | 76 | 1230 | | | .3 | 24133 | 6 | 33.00 | 48000E+1 | 1320. | 1120. | 30. | 1.0 | 16.0 | 5.2 |

MAXIMUM 377.00 48000E+1 1320. 9900. 30. 28.9 16.4 5.2
 AVG OR GEOM MN (*) 58.53 3213.* 158.* 218.* 6.* D 15.1 11.3 2.6
 MINIMUM 8.20 270. 12. 44. 4. 0.1 8.5 1.6
 NO OF SAMPLES 15 12 12 12 12 14 14 14

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 02 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 06 | 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1406 | | | .3 | | | | | | | | | | 413 | |
| 31 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1245 | | | .3 | | | | | | | | | | 374 | |
| 28 | 06 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 03 | 07 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 28 | 07 | 76 | 1102 | | | .3 | | | | | | | | | | 330 | |
| 18 | 08 | 76 | 1058 | | | .3 | | | | | | | | | | 381 | |
| 24 | 08 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 29 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | 423 | |
| 16 | 12 | 76 | 1050 | | | .3 | | | | | | | | | | 390 | |
| 20 | 12 | 76 | 1230 | | | .3 | | | | | | | | | | 359 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 02 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 06 | 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1406 | | | .3 | | | | | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 28 | 06 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 03 | 07 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 28 | 07 | 76 | 1102 | | | .3 | | | | | | | | | | | |
| 18 | 08 | 76 | 1058 | | | .3 | | | | | | | | | | | |
| 24 | 08 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 29 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 20 | 12 | 76 | 1230 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 28 | 02 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 06 | 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1406 | | | .3 | | | | | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 06 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 28 | 06 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 03 | 07 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 28 | 07 | 76 | 1102 | | | .3 | | | | | | | | | | | |
| 18 | 08 | 76 | 1058 | | | .3 | | | | | | | | | | | |
| 24 | 08 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 29 | 09 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 29 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 20 | 12 | 76 | 1230 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 06 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 16 | 12 | 76 | 1050 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: CATFISH CREEK WEST
 SAMPLE POINT: AT FIRST CONCESSION NORTH OF HIGHWAY 3
 STATION TYPE: RIVER

STATION ID: 16-0097-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CATFISH CREEK

STORET CODE: 02
 003
 1570

| STN NO | 4 | LAT | LONG | U.T.M. 17 0493660.0 4737375.0 4 | REGION 01 | MI/EA | 16.00 | | | | | | | | | |
|---------|--------|-------|---------------|---------------------------------|-----------------|-------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 | 02 | 76 | 1045 | | | .3 | 24015 | 6 | | 10000. | 520. | 10200. | 4. L | 2.0 | 10.0 | 2.1 |
| 06 | 04 | 76 | 1045 | | | .3 | 24026 | 6 | | 1600. | 130. | 70. | 4. L | 5.0 | 10.0 | 1.2 |
| 06 | 05 | 76 | 1010 | | | .3 | 24037 | 6 | | 770. | 110. | 44. | 4. L | 11.0 | 8.0 | 1.8 |
| 31 | 05 | 76 | 1200 | | | .3 | 24048 | 6 | | 1480. | 510. | 340. | 4. L | 20. | 9. | 1.2 |
| 28 | 06 | 76 | 1010 | | | .3 | 24059 | 6 | | | | | | 23.0 | 8.0 | 2.6 |
| 03 | 07 | 76 | 1010 | | | .3 | 24070 | 6 | 43000. | | 1500. | 260. | 4. L | 20.0 | 9.0 | 4.4 |
| 24 | 08 | 76 | 1015 | | | .3 | 24081 | 6 | | | | | | 22.0 | 8.0 | 2.8 |
| 29 | 09 | 76 | 1010 | | | .3 | 24092 | 6 | | | | | | 15.0 | 9.0 | 2.2 |
| 27 | 10 | 76 | 1020 | | | .3 | 24103 | | 8000. | 200. | 360. | 4. L | | | | 4.2 |
| 29 | 11 | 76 | 1020 | | | .3 | 24116 | 6 | 7000. | 760. | 10000. | 8. | | 1.0 | 5.0 | 3.2 |
| 20 | 12 | 76 | 1020 | | | .3 | 24129 | 6 | 36000. | 950. | 960. | | | 1.0 | 10.0 | 3.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

43000. 1500. 10200. 8. 23.0 10.0 4.4
 5954.* 411.* 559.* 4.* D 12.0 8.6 2.6
 770. 110. 44. 4. 1.0 5.0 1.2

NO OF SAMPLES

8 8 8 7 10 10 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 28 | 02 | 76 | 1045 | | | .3 | 0.300 | 0.104 | 0.215 | 1.100 | 0.031 | 2.700 | 350.0 | 128.0 | | |
| 06 | 04 | 76 | 1045 | | | .3 | 0.084 | 0.023 | 0.020 | 0.515 | 0.022 | 2.320 | 410.0 | 20.0 | | |
| 06 | 05 | 76 | 1010 | | | .3 | 0.038 | 0.012 | 0.030 | 0.625 | 0.020 | 1.560 | 340.0 | 15.0L | | |
| 31 | 05 | 76 | 1200 | | | .3 | 0.065 | 0.007 | 0.055 | 0.655 | 0.070 | 1.820 | 332.0 | 18.0 | | |
| 28 | 06 | 76 | 1010 | | | .3 | 0.204 | 0.047 | 0.120 | 1.090 | 0.450 | 27.700 | 650.0 | 107.0 | | |
| 03 | 07 | 76 | 1010 | | | .3 | 0.200 | 0.050 | 0.055 | 0.675 | 0.076 | 4.300 | 408.0 | 72.0 | | |
| 24 | 08 | 76 | 1015 | | | .3 | 0.114 | 0.011 | 0.055 | 1.080 | 0.010 | 0.310 | 468.0 | 58.0 | | |
| 29 | 09 | 76 | 1010 | | | .3 | 0.082 | 0.006 | 0.005L | 0.900 | 0.003 | 0.010L | 440.0 | 25.0 | | |
| 27 | 10 | 76 | 1020 | | | .3 | 0.100 | 0.015 | 0.025 | 1.190 | 0.014 | 1.350 | 532.0 | 15.5 | | |
| 29 | 11 | 76 | 1020 | | | .3 | 0.154 | 0.076 | 0.075 | 0.810 | 0.057 | 8.900 | 418.0 | 25.0 | | |
| 20 | 12 | 76 | 1020 | | | .3 | 0.338 | 0.123 | 0.275 | 1.320 | 0.033 | 2.900 | 516.0 | 85.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.338 0.123 0.275 1.320 0.450 27.700 650.0 128.0
 0.153 0.043 0.085D 0.896 0.071 4.897D 442.2 51.70
 0.038 0.006 0.005 0.515 0.003 0.010 332.0 15.0

NO OF SAMPLES

11 11 11 11 11 11 11 11

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 28 | 02 | 76 | 1045 | | | .3 | 344 | 82.00 | 11.5 | | | | | | | |
| 06 | 04 | 76 | 1045 | | | .3 | 565 | 32.00 | 20.0 | | | | | | | |
| 06 | 05 | 76 | 1010 | | | .3 | 505 | 6.40 | 20.0 | | | | | | | |
| 31 | 05 | 76 | 1200 | | | .3 | 505 | 21.00 | 22.0 | | | | | | | |
| 28 | 06 | 76 | 1010 | | | .3 | 710 | 82.00 | 28.5 | | | | | | | |
| 03 | 07 | 76 | 1010 | | | .3 | 500 | 70.00 | 20.0 | | | | | | | |
| 24 | 08 | 76 | 1015 | | | .3 | 660 | 43.00 | 53.0 | | | | | | | |
| 29 | 09 | 76 | 1010 | | | .3 | 610 | 24.00 | | | | | | | | |
| 27 | 10 | 76 | 1020 | | | .3 | 740 | 21.00 | 65.0 | | | | | | | |
| 29 | 11 | 76 | 1020 | | | .3 | 640 | 28.00 | 32.5 | | | | | | | |
| 20 | 12 | 76 | 1020 | | | .3 | 660 | 92.00 | 45.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

740 92.00 65.0
 585 45.58 31.8
 344 6.40 11.5

NO OF SAMPLES

11 11 10

B.O.W. / SITE: CATFISH CREEK
 SAMPLE POINT: AT HIGHWAY NO 3 WEST OF ORWELL
 STATION TYPE: RIVER FLOW GAUGE MOE 02GC110

STATION ID: 16-0097-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CATFISH CREEK

STORET CODE: 02
 003
 1570

| STN NO | 5 | LAT | LONG | U.T.M. 17 0496475.0 4735675.0 4 | REGION 01 | MILEAGE | 15.50 | | | | | | | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 02 76 1110 | | | .3 | | 24016 | 6 | | 25000. | 1480. | 8200. | 20. | 3.0 | 10.0 | 2.1 |
| 06 04 76 1110 | | | .3 | | 24027 | 6 | | 9000. | 290. | 1100. | 8. | 5.0 | 10.0 | 4.8 |
| 06 05 76 1035 | | | .3 | | 24038 | 6 | | 15000. | 1500. | 570. | 24. | 11.0 | 7.0 | 2.3 |
| 31 05 76 1200 | | | .3 | | 24049 | 6 | | 1660. | 100. | 170. | 4. | 17. | 8. | 1.6 |
| 28 06 76 1040 | | | .3 | | 24060 | 6 | | | | | | 23.0 | 8.0 | 1.7 |
| 03 07 76 1030 | | | .3 | | 24071 | 6 | | 98000. | 650. | 360. | 4. | 21.0 | 9.0 | 2.8 |
| 24 08 76 1040 | | | .3 | | 24082 | 6 | | | | | | 22.0 | 10.0 | 1.7 |
| 29 09 76 1045 | | | .3 | | 24093 | 6 | | | | | | 14.0 | 9.0 | 2.4 |
| 27 10 76 1035 | | | .3 | | 24104 | | | 26000. | 530. | 190. | 4. | | | 2.8 |
| 29 11 76 1035 | | | .3 | | 24117 | 6 | | 13000. | 660. | 940. | 28. | 1.0 | 10.0 | 3.2 |
| 20 12 76 1040 | | | .3 | | 24130 | 6 | | 32000. | 1300. | 760. | 20. | 0.0 | 13.0 | 6.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 28 02 76 1110 | | | .3 | | 0.505 | 0.133 | 0.245 | 1.480 | 0.033 | 2.400 | | | | |
| 06 04 76 1110 | | | .3 | | 0.730 | 0.400 | 5.100 | 7.100 | 0.099 | 8.100 | 512.0 | 288.0 | | |
| 06 05 76 1035 | | | .3 | | 0.081 | 0.024 | 0.035 | 0.655 | 0.036 | 1.900 | | | | |
| 31 05 76 1200 | | | .3 | | 0.350 | 0.237 | 0.115 | 1.500 | 0.132 | 1.780 | | | | |
| 28 06 76 1040 | | | .3 | | 0.188 | 0.077 | 0.025 | 0.745 | 0.246 | 13.200 | | | | |
| 03 07 76 1030 | | | .3 | | 0.194 | 0.071 | 0.035 | 0.820 | 0.034 | 3.500 | | | | |
| 24 08 76 1040 | | | .3 | | 0.252 | 0.082 | 0.060 | 1.000 | 0.018 | 0.350 | | | | |
| 29 09 76 1045 | | | .3 | | 0.615 | 0.460 | 0.515 | 1.450 | 0.062 | 0.830 | | | | |
| 27 10 76 1035 | | | .3 | | 0.820 | 0.450 | 0.175 | 1.030 | 0.031 | 1.320 | | | | |
| 29 11 76 1035 | | | .3 | | 0.140 | 0.080 | 0.230 | 0.900 | 0.071 | 7.000 | | | | |
| 20 12 76 1040 | | | .3 | | 0.725 | 0.245 | 0.455 | 2.500 | 0.052 | 2.200 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 28 02 76 1110 | | | .3 | | 329 | 180.00 | 15.0 | | | | | | | |
| 06 04 76 1110 | | | .3 | | 760 | 21.00 | 56.0 | | | | | | | |
| 06 05 76 1035 | | | .3 | | 580 | 14.00 | 27.5 | | | | | | | |
| 31 05 76 1200 | | | .3 | | 640 | 4.70 | 34.0 | | | | | | | |
| 28 06 76 1040 | | | .3 | | 700 | 30.00 | 27.0 | | | | | | | |
| 03 07 76 1030 | | | .3 | | 640 | 41.00 | 23.5 | | | | | | | |
| 24 08 76 1040 | | | .3 | | 620 | 36.00 | 26.0 | | | | | | | |
| 29 09 76 1045 | | | .3 | | 680 | 14.00 | 39.0 | | | | | | | |
| 27 10 76 1035 | | | .3 | | 820 | 6.80 | 49.0 | | | | | | | |
| 29 11 76 1035 | | | .3 | | 690 | 19.00 | 34.5 | | | | | | | |
| 20 12 76 1040 | | | .3 | | 540 | 160.00 | 41.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: CATFISH CREEK
 SAMPLE POINT: AT ELGIN COUNTY ROAD NO 40 GLENCOLIN
 STATION TYPE: RIVER

STATION ID: 16-0097-006-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: CATFISH CREEK

STORET CODE: 02
 003
 1570

| STN NO | 6 | LAT | LONG | U.T.M. 17 0505600.0 4737600.0 4 | REGION 01 | MILEAGE | 21.60 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MFA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 27 10 76 1200 | | | .3 | | 24106 | | | 22000. | 240. | 310. | 4. | | | 1.4 |
| 29 11 76 1200 | | | .3 | | 24119 | 6 | | 49000. | 840. | 210. | 8. | 1.0 | 12.0 | 1.7 |
| 20 12 76 1130 | | | .3 | | 24132 | | | 36000. | 1600. | 2000. | 40. | 2.0 | 14.0 | 4.0 |
| | | | | | | | | 49000. | 1600. | 2000. | 40. | 2.0 | 14.0 | 4.0 |
| AVG OR GEOM MN (") | | | | | | | | 33860.* | 686.* | 507.* | 11.* | 1.5 | 13.0 | 2.0 |
| MINIMUM | | | | | | | | 22000. | 240. | 210. | 4. | 1.0 | 12.0 | 1.4 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 2 | 2 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 10 | 76 | 1200 | | | | | 0.081 | 0.041 | 0.115 | 0.715 | 0.035 | 1.380 | 530.0 | 4.0 | | |
| 29 | 11 | 76 | 1200 | | | | | 0.102 | 0.057 | 0.165 | 0.665 | 0.055 | 6.600 | 458.0 | 10.0 | | |
| 20 | 12 | 76 | 1130 | | | | | 0.670 | 0.180 | 0.645 | 2.280 | 0.045 | 3.000 | 518.0 | 148.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.670 0.180 0.645 2.280 0.055 6.600 530.0 148.0
0.284 0.093 0.308 1.220 0.045 3.660 502.0 54.0
0.081 0.041 0.115 0.665 0.035 1.380 458.0 4.0

NO OF SAMPLES

3 3 3 3 3 3 3 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 10 | 76 | 1200 | | | | | 800 | 5.40 | 34.5 | | | | | | | |
| 29 | 11 | 76 | 1200 | | | | | 720 | 9.20 | 31.0 | | | | | | | |
| 20 | 12 | 76 | 1130 | | | | | 560 | 120.00 | 38.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

800 120.00 38.0
693 44.87 34.5
560 5.40 31.0

NO OF SAMPLES

3 3 3

B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: AT PERTH COUNTY ROAD NO 10 SOUTH OF BROWNSVILLE
STATION TYPE: RIVER

STATION ID: 16-0097-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK

STORET CODE: 02
003
1570

STN NO 7 LAT LONG U.T.M. 17 0513475.0 4743350.0 4 REGION 01 MILEAGE 31.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 27 | 10 | 76 | 1140 | | | | | 24105 | | | 1700. | 460. | 160. | 4. L | | | 2.3 |
| 29 | 11 | 76 | 1140 | | | | | 24118 | 6 | | | | | | 1.0 | 9.0 | 1.7 |
| 20 | 12 | 76 | 1110 | | | | | 24131 | 6 | | 17500E+1 | 1340. | 2350. | 240. | 1.0 | 14.0 | 6.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

17500E+1 1340. 2350. 240. 1.0 14.0 6.8
17249.* 785.* 613.* 31.* D 1.0 11.5 3.6
1700. 460. 160. 4. 1.0 9.0 1.7

NO OF SAMPLES

2 2 2 2 2 2 2 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 27 | 10 | 76 | 1140 | | | | | 0.051 | 0.009 | 0.185 | 1.450 | 0.035 | 1.570 | 512.0 | 8.0 | | |
| 29 | 11 | 76 | 1140 | | | | | 0.093 | 0.040 | 0.200 | 0.615 | 0.049 | 7.700 | 468.0 | 9.0 | | |
| 20 | 12 | 76 | 1110 | | | | | 1.000 | 0.111 | 0.235 | 3.680 | 0.071 | 2.900 | 454.0 | 173.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1.000 0.111 0.235 3.680 0.071 7.700 512.0 173.0
0.381 0.053 0.207 1.915 0.052 4.057 478.0 63.3
0.051 0.009 0.185 0.615 0.035 1.570 454.0 8.0

NO OF SAMPLES

3 3 3 3 3 3 3 3

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 27 | 10 | 76 | 1140 | | | | | 780 | 7.80 | 20.0 | | | | | | | |
| 29 | 11 | 76 | 1140 | | | | | 760 | 8.70 | 26.0 | | | | | | | |
| 20 | 12 | 76 | 1110 | | | | | 426 | 83.00 | 22.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

780 83.00 26.0
655 33.17 22.8
426 7.80 20.0

NO OF SAMPLES

3 3 3

B.O.W./ SITE: BIG OTTER CREEK
SAMPLE POINT: 9TH LINE BAYHAM TOWN LINE
STATION TYPE: RIVER FLOW GAUGE FED 02GCO10

STATION ID: 16-0109-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG OTTER CREEK

STORET CODE: 02
003
1390

| STN NO | 4 | LAT | LONG | U.T.M. 17 0517825.0 4738100.0 4 | REGION 01 | MILEAGE | 27.40 | | | | | | | |
|---------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MFA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1100 | | | .3 | | 21038 | 4 | 91.40 | 7600. | 8. | 20. | 0. | 1.0 | 14.0 | 1.3 |
| 24 02 76 1715 | | | .3 | | 21084 | 6 | 640.00 | 1800. | 140. | 1500. | 4. L | 2.5 | 13.3 | 1.5 |
| 18 03 76 1200 | | | .3 | | 21130 | | 254.00 | 1200. | 60. | 40. | 0. | | | 0.7 |
| 06 05 76 1315 | | | .3 | | 21176 | 6 | 178.00 | 510. | 100. | 52 | 4. L | 12.2 | 10.2 | 0.8 |
| 17 05 76 1341 | | | .3 | | 21229 | 6 | 167.00 | 410. | 64. | 12 | 4. L | 16.2 | 9.2 | 1.2 |
| 21 06 76 1427 | | | .3 | | 21245 | 6 | 76.30 | 650. | 280. | 250. | 328. | 19.0 | 10.5 | 1.6 |
| 22 07 76 1355 | | | .3 | | 21294 | 6 | 246.00 | 52000. | 390. | 630. | 100. | 21.7 | 9.4 | 1.8 |
| 11 08 76 1339 | | | .3 | | 21345 | 6 | 86.10 | 640. | 90. | 1600. | 4. L | 20.5 | 12.6 | 2.0 |
| 25 10 76 1045 | | | .3 | | 21492 | 6 | 67.60 | 530. | 100. | 230. | 4. L | 5.3 | 10.8 | 1.4 |
| 17 11 76 1135 | | | .3 | | 21533 | 6 | 53.50 | 8000. | 4. L | 30. | 4. L | 2.3 | 16.2 | 1.4 |
| 16 12 76 1210 | | | .3 | | 21601 | 4 | 47.50 | 3500. | 20. | 12. | 4. L | 0.1 | 14.5 | 1.3 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

640.00 52000. 390. 1600. 328. 21.7 16.2 2.0
173.40 1890. 60. D 104. 6. D 10.1 12.1 1.4
47.50 410. 4. 12. 0. 0.1 9.2 0.7

NO OF SAMPLES

11 11 11 11 11 10 10 11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO3-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 13 01 76 1100 | | | .3 | | 0.035 | 0.022 | 0.155 | 0.440 | 0.021 | 3.900 | | | | |
| 24 02 76 1715 | | | .3 | | 0.143 | 0.055 | 0.115 | 0.795 | 0.025 | 8.200 | | | | |
| 18 03 76 1200 | | | .3 | | 0.081 | 0.031 | 0.085 | 0.490 | 0.017 | 3.500 | | | | |
| 06 05 76 1315 | | | .3 | | 0.053 | 0.009 | 0.035 | 0.575 | 0.021 | 1.700 | | | | |
| 17 05 76 1341 | | | .3 | | 0.072 | 0.014 | 0.045 | 0.605 | 0.033 | 2.000 | | | | |
| 21 06 76 1427 | | | .3 | | 0.123 | 0.015 | 0.020 | 0.695 | 0.056 | 1.060 | | | | |
| 22 07 76 1355 | | | .3 | | 0.185 | 0.043 | 0.010 | 0.975 | 0.020 | 4.000 | | | | |
| 11 08 76 1339 | | | .3 | | 0.061 | 0.007 | 0.040 | 0.575 | 0.019 | 1.590 | | | | |
| 25 10 76 1045 | | | .3 | | 0.029 | 0.007 | 0.035 | 0.395 | 0.019 | 1.450 | | | | |
| 17 11 76 1135 | | | .3 | | 0.024 | 0.010 | 0.050 | 0.400 | 0.015 | 1.730 | | | | |
| 16 12 76 1210 | | | .3 | | 0.031 | 0.014 | 0.200 | 0.515 | 0.018 | 2.600 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.185 0.055 0.200 0.975 0.056 8.200
0.076 0.021 0.072 0.587 0.024 2.885
0.024 0.007 0.010 0.395 0.015 1.060

NO OF SAMPLES

11 11 11 11 11 11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 13 01 76 1100 | | | .3 | | 650 | 4.20 | 22.5 | | | | | | | |
| 24 02 76 1715 | | | .3 | | 449 | 30.00 | 16.5 | | | | | | | |
| 18 03 76 1200 | | | .3 | | 520 | 19.00 | 17.5 | | | | | | | |
| 06 05 76 1315 | | | .3 | | 520 | 8.50 | 12.0 | | | | | | | |
| 17 05 76 1341 | | | .3 | | 540 | 9.60 | 17.0 | | | | | | | |
| 21 06 76 1427 | | | .3 | | 540 | 25.00 | 17.0 | | | | | | | |
| 22 07 76 1355 | | | .3 | | 500 | 50.00 | 17.5 | | | | | | | |
| 11 08 76 1339 | | | .3 | | 560 | 14.00 | 20.5 | | | | | | | |
| 25 10 76 1045 | | | .3 | | 590 | 3.90 | 23.0 | | | | | | | |
| 17 11 76 1135 | | | .3 | | 620 | 2.40 | 23.0 | | | | | | | |
| 16 12 76 1210 | | | .3 | | 650 | 3.60 | 31.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

650 50.00 31.5
558 15.47 19.8
449 2.40 12.0

NO OF SAMPLES

11 11 11

B.O.W./ SITE: BIG OTTER CREEK
SAMPLE POINT: AT HIGHWAY 19 SOUTHERN BRIDGE VIENNA
STATION TYPE: RIVER FLOW GAUGE FED 02GCO04

STATION ID: 16-0109-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG OTTER CREEK

STORET CODE: 02
003
1390

| STN NO | 5 | LAT | LONG | U.T.M. 17 0516940.0 4724700.0 4 | | | | REGION 01 | | MILEAGE | 4.40 | | | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 02 76 1740 | | | .3 | | 21083 | 6 | | 2700. | 250. | 1030. | 4. L | 1.9 | 13.8 | 1.6 |
| 18 03 76 1200 | | | .3 | | 21129 | | | 1100. | 60. | 60. | 0. | | | 1.4 |
| 06 05 76 1400 | | | .3 | | 21175 | 6 | | 74. | 52. | 120. | 4. L | 12.0 | 10.2 | 0.7 |
| 17 05 76 1415 | | | .3 | | 21228 | 6 | | 430. | 36. | 8. | 4. L | 16.9 | 8.8 | 1.2 |
| 21 06 76 1510 | | | .3 | | 21246 | 6 | | 650. | 260. | 180. | 4. | 20.1 | 11.0 | 2.1 |
| 22 07 76 1432 | | | .3 | | 21295 | 6 | | 21000. | 240. | 230. | 24. | 22.2 | 10.2 | |
| 11 08 76 1410 | | | .3 | | 21346 | 6 | | 900. | 120. | 120. | 4. | 20.0 | 13.6 | 1.4 |
| 25 10 76 1145 | | | .3 | | 21493 | 6 | | 1720. | 700. | 1950. | 4. | 5.7 | 11.8 | |
| 17 11 76 1100 | | | .3 | | 21534 | 6 | | 70. | 12. | 30. | 4. L | 1.1 | 16.6 | 3.2 |
| 16 12 76 1120 | | | .3 | | 21602 | 4 | | 240. | 4. L | 20. | 4. | 0.1 | 16.6 | 2.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

21000. 700. 1950. 24. 22.2 16.6 3.2
712. 77. D 113. 4. D 11.1 12.5 1.8
70. 4. 8. 0. 0.1 8.8 0.7

NO OF SAMPLES

10 10 10 10 9 9 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1740 | | | | .3 | 0.268 | 0.061 | 0.115 | 0.890 | 0.024 | 5.600 | | | | |
| 18 | 03 | 76 | 1200 | | | | .3 | 0.165 | 0.034 | 0.065 | 0.710 | 0.017 | 2.800 | | | | |
| 06 | 05 | 76 | 1400 | | | | .3 | 0.051 | 0.009 | 0.010 | 0.470 | 0.013 | 1.940 | 364.0 | 20.0 | 344 | |
| 17 | 05 | 76 | 1415 | | | | .3 | 0.085 | 0.012 | 0.005 | 0.645 | 0.023 | 1.720 | 384.0 | 27.5 | 356 | |
| 21 | 06 | 76 | 1510 | | | | .3 | 0.080 | 0.012 | 0.005 | 0.555 | 0.024 | 0.430 | 406.0 | 49.5 | 357 | |
| 22 | 07 | 76 | 1432 | | | | .3 | 0.185 | 0.008 | 0.005 | 0.800 | 0.003 | 2.010 | 460.0 | 148.0 | 318 | |
| 11 | 08 | 76 | 1410 | | | | .3 | 0.090 | 0.006 | 0.020 | 0.630 | 0.012 | 1.510 | 386.0 | 44.5 | 342 | |
| 25 | 10 | 76 | 1145 | | | | .3 | 0.037 | 0.008 | 0.015 | 0.345 | 0.008 | 1.180 | | | | |
| 17 | 11 | 76 | 1100 | | | | .3 | 0.041 | 0.015 | 0.005 | 0.315 | 0.009 | 1.430 | 338.0 | 6.5 | 332 | |
| 16 | 12 | 76 | 1120 | | | | .3 | 0.035 | 0.003 | 0.035 | 0.395 | 0.013 | 2.600 | 382.0 | 6.0 | 376 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|-------|-------|-------|-----|--|
| MAXIMUM | | | | | | | | 0.268 | 0.061 | 0.115 | 0.890 | 0.024 | 5.600 | 460.0 | 148.0 | 376 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.104 | 0.017 | 0.0280 | 0.576 | 0.015 | 2.122 | 388.6 | 43.1 | 346 | |
| MINIMUM | | | | | | | | 0.035 | 0.003 | 0.005 | 0.315 | 0.003 | 0.430 | 338.0 | 6.0 | 318 | |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|----|----|----|----|----|----|---|---|---|--|
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 7 | 7 | |
|---------------|--|--|--|--|--|--|--|----|----|----|----|----|----|---|---|---|--|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1740 | | | | .3 | 433 | 61.00 | 14.5 | | | | | | | |
| 18 | 03 | 76 | 1200 | | | | .3 | 495 | 35.00 | 14.5 | | | | | | | |
| 06 | 05 | 76 | 1400 | | | | .3 | 540 | 12.00 | 15.0 | 45.0 | 2.25 | | | 8.35 | 0.620 | |
| 17 | 05 | 76 | 1415 | | | | .3 | 520 | 13.00 | 14.5 | 46.0 | 2.80 | | | 8.43 | 0.960 | |
| 21 | 06 | 76 | 1510 | | | | .3 | 520 | 24.00 | 15.0 | 50.0 | 4.00 | | | 8.29 | 1.360 | |
| 22 | 07 | 76 | 1432 | | | | .3 | 560 | 47.00 | 17.0 | 51.0 | 3.05 | | | 8.23 | 3.200 | |
| 11 | 08 | 76 | 1410 | | | | .3 | 540 | 26.00 | 18.0 | 51.0 | 3.85 | | | 8.50 | 1.240 | |
| 25 | 10 | 76 | 1145 | | | | .3 | | | 16.5 | 45.0 | 3.75 | | | | 0.600 | |
| 17 | 11 | 76 | 1100 | | | | .3 | 570 | 4.60 | 17.5 | 63.0 | 3.45 | | | | 0.300 | |
| 16 | 12 | 76 | 1120 | | | | .3 | 600 | 7.00 | 20.0 | 63.0 | 4.20 | | | 8.19 | 0.440 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|------|--|--|------|--|-------|
| MAXIMUM | | | | | | | | 600 | 61.00 | 20.0 | 63.0 | 4.20 | | | 8.50 | | 3.200 |
| AVG OR GEOM MN (*) | | | | | | | | 531 | 25.51 | 16.3 | 51.8 | 3.42 | | | 8.28 | | 1.090 |
| MINIMUM | | | | | | | | 433 | 4.60 | 14.5 | 45.0 | 2.25 | | | 8.00 | | 0.300 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|----|---|---|--|--|---|--|---|
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | 8 | 8 | | | 7 | | 8 |
|---------------|--|--|--|--|--|--|--|---|---|----|---|---|--|--|---|--|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 24 | 02 | 76 | 1740 | | | | .3 | | | | | | | | | | |
| 18 | 03 | 76 | 1200 | | | | .3 | | | | | | | | | | |
| 06 | 05 | 76 | 1400 | | | | .3 | 1.0L | | | | | | | | | |
| 17 | 05 | 76 | 1415 | | | | .3 | 1.0 | | | | | | | | 11 | |
| 21 | 06 | 76 | 1510 | | | | .3 | 1.0L | | | | | | | | 2L | |
| 22 | 07 | 76 | 1432 | | | | .3 | 1.0L | | | | | | | | 14 | 2L |
| 11 | 08 | 76 | 1410 | | | | .3 | 2.0 | | | | | | | | 25 | |
| 25 | 10 | 76 | 1145 | | | | .3 | 1.0 | | | | | | | | 13 | |
| 17 | 11 | 76 | 1100 | | | | .3 | 1.0 | | | | | | | | | 2L |
| 16 | 12 | 76 | 1120 | | | | .3 | 1.0L | | | | | | | | 15 | 2L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|----|----|
| MAXIMUM | | | | | | | | 2.0 | | | | | | | | | 2 |
| AVG OR GEOM MN (*) | | | | | | | | 1.10 | | | | | | | | 65 | 2 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | 22 | 2D |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|--|--|--|--|--|--|---|---|---|
| NO OF SAMPLES | | | | | | | | 8 | | | | | | | 4 | 6 | 3 |
|---------------|--|--|--|--|--|--|--|---|--|--|--|--|--|--|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 21 | 06 | 76 | 1510 | | | | .3 | 0.001 | 0.090 | | 0.020L | 0.010 | 0.010L | 0.010L | 0.020 | | 0.010L |
| 25 | 10 | 76 | 1145 | | | | .3 | 0.001L | 0.050 | | 0.010L | 0.020 | 0.010L | 0.005L | 0.020 | | 0.010L |
| 16 | 12 | 76 | 1120 | | | | .3 | 0.001 | 0.150 | | 0.010L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|-------|--|--------|--------|--------|--------|--------|--|--------|
| MAXIMUM | | | | | | | | 0.001 | 0.150 | | 0.020 | 0.020 | 0.010 | 0.010 | 0.020 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.097 | | 0.013D | 0.013D | 0.010D | 0.007D | 0.017D | | 0.013D |
| MINIMUM | | | | | | | | 0.001 | 0.050 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|--|---|---|---|---|---|--|---|
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |
|---------------|--|--|--|--|--|--|--|---|---|--|---|---|---|---|---|--|---|

B.O.W. / SITE: CLEAR CREEK
 SAMPLE POINT: AT COUNTY ROAD 9 HOUGHTON TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE MOE 02GC103

STATION ID: 16-0111-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE

STORET CODE: 02
 003

| STN NO | 1 | LAT | LONG | U.T.M. 17 0533640.0 4714200.0 4 | REGION 02 | MILEAGE | 0.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | NF/100ML | NF/100ML | NF/100ML | NF/100ML | DEG C | | MG/L |
| 26 01 76 1115 | .3 | | | | 31308 | 4 | | 1300. | 100. | L | 1000. | 0.0 | 12.6 | 0.6 |
| 19 02 76 1050 | .3 | | | | 31347 | 3 | 195. | 4000. | 50. | | 100. | 1.0 | 14.1 | 1.2 |
| 10 03 76 1310 | .3 | | | | 31367 | 6 | 78.1 | 30. | 10. | 10. | | 3.0 | 12.9 | 0.8 |
| 07 04 76 1135 | .3 | | | | 31427 | 6 | | 100. | 20. | 10. | L | 8.5 | 13.7 | 0.8 |
| 13 05 76 1310 | .3 | | | | 31467 | 6 | 34.8 | 200. | 1. | 24. | | 13.5 | 10.9 | 1.2 |
| 30 06 76 1130 | .3 | | | | 31506 | 6 | 24.8 | 16000. | | 3200. | | 17.0 | 7.7 | 3.2 |
| 22 07 76 1200 | .3 | | | | 31545 | 6 | 8.2 | 1500. | | 12. | | 18.0 | 9.0 | 0.6 |
| 18 08 76 1040 | .3 | | | | 31583 | 6 | 8.7 | 300. | | 164. | | 16.0 | 10.2 | 0.8 |
| 27 09 76 1115 | .3 | | | | 31620 | 6 | | 6900. | 720. | 1160. | | 12.0 | 9.8 | 1.2 |
| 18 10 76 1140 | .3 | | | | 31652 | 6 | | 300. | 40. | 44. | | 8.8 | 8.6 | 1.0 |
| 18 11 76 1100 | .3 | | | | 31701 | 6 | | 110. | 44. | 60. | | 3.5 | 12.4 | 1.0 |
| 15 12 76 1205 | .3 | | | | 31738 | 4 | | 340. | 18. | 32. | | 0.0 | 12.2 | 0.4 |
| MAXIMUM | | | | | | | 195. | 16000. | 720. | 3200. | | 18.0 | 14.1 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | 58.3 | 589.* | 30.* | D | 85.* | 8.4 | 11.2 | 1.1 |
| MINIMUM | | | | | | | 8.2 | 30. | 1. | 10. | | 0.0 | 7.7 | 0.4 |
| NO OF SAMPLES | | | | | | | 6 | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 26 01 76 1115 | .3 | | | | 0.130 | 0.017 | 0.070 | 1.200 | 0.016 | 1.500 | 291.0 | 21.0 | | |
| 19 02 76 1050 | .3 | | | | 0.067 | 0.014 | 0.062 | 0.810 | 0.013 | 2.590 | 232.0 | 24.0 | | 208 |
| 10 03 76 1310 | .3 | | | | 0.021 | 0.004 | 0.014 | 0.530 | 0.005 | 1.200 | 255.0 | 8.3 | | 247 |
| 07 04 76 1135 | .3 | | | | 0.019 | 0.002 | 0.004 | 0.390 | 0.007 | 0.728 | 292.0 | 7.3 | | |
| 13 05 76 1310 | .3 | | | | 0.028 | 0.004 | 0.014 | 0.440 | 0.009 | 0.601 | 302.0 | 0.2 | | |
| 30 06 76 1130 | .3 | | | | 0.230 | 0.014 | 0.073 | 1.550 | 0.039 | 1.040 | 476.0 | 156.0 | | |
| 22 07 76 1200 | .3 | | | | 0.046 | 0.007 | 0.008 | 0.320 | 0.004 | 0.731 | 227.0 | 15.5 | | |
| 18 08 76 1040 | .3 | | | | 0.046 | 0.008 | 0.004 | 0.360 | 0.003 | 0.662 | 314.0 | 18.0 | | |
| 27 09 76 1115 | .3 | | | | 0.078 | 0.009 | 0.008 | 0.580 | 0.004 | 0.831 | 342.0 | 49.0 | | |
| 18 10 76 1140 | .3 | | | | 0.010 | 0.003 | 0.002L | 0.090 | 0.003 | 0.602 | 298.0 | 3.4 | | |
| 18 11 76 1100 | .3 | | | | 0.011 | 0.003 | 0.014 | 0.250 | 0.003 | 0.717 | 297.0 | 5.4 | | |
| 15 12 76 1205 | .3 | | | | 0.008 | 0.007 | 0.018 | 0.200 | 0.005 | 0.840 | 295.0 | 3.3 | | |
| MAXIMUM | | | | | 0.230 | 0.017 | 0.073 | 1.550 | 0.039 | 2.590 | 476.0 | 156.0 | | 247 |
| AVG OR GEOM MN (*) | | | | | 0.058 | 0.008 | 0.0240 | 0.560 | 0.009 | 1.004 | 301.8 | 26.0 | | 228 |
| MINIMUM | | | | | 0.008 | 0.002 | 0.002 | 0.090 | 0.003 | 0.601 | 227.0 | 0.2 | | 208 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 26 01 76 1115 | .3 | | | | 430 | 29.00 | 8.9 | | | | | | | |
| 19 02 76 1050 | .3 | | | | 320 | 20.00 | 6.0 | | | | | | | |
| 10 03 76 1310 | .3 | | | | 380 | 5.00 | 6.0 | | | | | | | |
| 07 04 76 1135 | .3 | | | | 420 | 5.30 | 6.5 | | | | | | | |
| 13 05 76 1310 | .3 | | | | 435 | 6.60 | 6.1 | | | | | | | |
| 30 06 76 1130 | .3 | | | | 415 | 55.00 | 6.6 | | | | | 8.17 | | |
| 22 07 76 1200 | .3 | | | | 325 | 9.50 | 7.0 | | | | | 8.07 | | |
| 18 08 76 1040 | .3 | | | | 440 | 14.00 | 7.0 | | | | | 8.47 | | |
| 27 09 76 1115 | .3 | | | | 445 | 26.00 | 7.6 | | | | | | | |
| 18 10 76 1140 | .3 | | | | 450 | 4.00 | 7.3 | | | | | 8.12 | | |
| 18 11 76 1100 | .3 | | | | 455 | 3.60 | 7.1 | | | | | 8.20 | | |
| 15 12 76 1205 | .3 | | | | 450 | 3.20 | 6.6 | 60.0 | | | | | | |
| MAXIMUM | | | | | 455 | 55.00 | 8.9 | 60.0 | | | | 8.47 | | |
| AVG OR GEOM MN (*) | | | | | 414 | 15.10 | 6.9 | 60.0 | | | | 8.21 | | |
| MINIMUM | | | | | 320 | 3.20 | 6.0 | 60.0 | | | | 8.07 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W. / SITE: BIG CREEK
 SAMPLE POINT: NORFOLK COUNTY ROAD 42
 STATION TYPE: RIVER

STATION ID: 16-0124-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: BIG CREEK

STORET CODE: 02
 003
 1090

| STN NO | 3 | LAT | LONG | U.T.M. 17 0542150.0 4715600.0 4 | REGION 02 | MILEAGE | 2.10 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 26 01 76 1130 | | | .3 | | 31309 | 4 | | 200. | 10. | L | 20. | 0.0 | 11.8 | 0.8 |
| 19 02 76 1220 | | | .3 | | 31348 | 3 | | 200. | 100. | | 600. | 1.5 | 12.9 | 2.2 |
| 18 03 76 1105 | | | .3 | | 31388 | 3 | | 600. | 10. | | 700. | 0.5 | 12.6 | 1.0 |
| 07 04 76 1150 | | | .3 | | 31428 | 6 | | 90. | 10. | L | 10. | 10.0 | 12.5 | 1.0 |
| 13 05 76 1340 | | | .3 | | 31468 | 6 9 | | 100. | 8. | | 4. | 13.5 | 10.8 | 1.2 |
| 30 06 76 1105 | | | .3 | | 31507 | 6 | | 2100. | | | 548. | 19.5 | 6.9 | 3.2 |
| 22 07 76 1125 | | | .3 | | 31547 | 6 | | 500. | | | 44. | 19.0 | 8.0 | 0.8 |
| 18 08 76 1120 | | | .3 | | 31584 | 6 9 | | 90. | | | 84. | 18.5 | 8.5 | 1.0 |
| 27 09 76 1125 | | | .3 | | 31621 | 6 | | 1300. | 164. | | 444. | 12.0 | 9.5 | 1.2 |
| 18 10 76 1155 | | | .3 | | 31663 | 6 | | 90. | 12. | | 22. | 9.0 | 8.7 | 0.8 |
| 18 11 76 1110 | | | .3 | | 31702 | 6 | | 90. | 8. | | 82. | 2.0 | 13.3 | 0.8 |
| 15 12 76 1225 | | | .3 | | 31739 | 4 | | 50. | 2. | | 16. | 0.0 | 12.7 | 0.8 |
| MAXIMUM | | | | | | | | 2100. | 164. | | 700. | 19.5 | 13.3 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | | 217.* | 14.* | D | 67.* | 8.8 | 10.7 | 1.2 |
| MINIMUM | | | | | | | | 50. | 2. | | 4. | 0.0 | 6.9 | 0.8 |
| NO OF SAMPLES | | | | | | | | 12 | 9 | | 12 | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 01 76 1130 | | | .3 | | 0.023 | 0.006 | 0.120 | 0.380 | 0.013 | 1.800 | 299.0 | 9.7 | | |
| 19 02 76 1220 | | | .3 | | 0.110 | 0.017 | 0.082 | 0.740 | 0.021 | 2.730 | 296.0 | 46.0 | | 250 |
| 18 03 76 1105 | | | .3 | | 0.098 | 0.008 | 0.032 | 0.540 | 0.012 | 2.040 | 353.0 | 36.0 | | |
| 07 04 76 1150 | | | .3 | | 0.030 | 0.003 | 0.016 | 0.480 | 0.013 | 1.440 | 349.0 | 15.0 | 317 | |
| 13 05 76 1340 | | | .3 | | 0.045 | 0.006 | 0.020 | 0.570 | 0.016 | 1.390 | 346.0 | 19.0 | 334 | |
| 30 06 76 1105 | | | .3 | | 0.063 | 0.014 | 0.060 | 0.500 | 0.019 | 1.360 | 389.0 | 29.0 | 327 | |
| 22 07 76 1125 | | | .3 | | 0.046 | 0.006 | 0.004 | 0.380 | 0.007 | 0.858 | 245.0 | 11.0 | | 234 |
| 18 08 76 1120 | | | .3 | | 0.050 | 0.009 | 0.008 | 0.200 | 0.006 | 0.954 | 348.0 | 17.0 | 331 | |
| 27 09 76 1125 | | | .3 | | 0.040 | 0.008 | 0.041 | 0.410 | 0.006 | 0.954 | 320.0 | 17.0 | 303 | |
| 18 10 76 1155 | | | .3 | | 0.015 | 0.005 | 0.008 | 0.100 | 0.005 | 0.895 | 332.0 | 4.6 | 327 | |
| 18 11 76 1110 | | | .3 | | 0.015 | 0.005 | 0.034 | 0.310 | 0.015 | 1.260 | 351.0 | 4.1 | 347 | |
| 15 12 76 1225 | | | .3 | | 0.013 | 0.005 | 0.082 | 0.320 | 0.008 | 0.849 | 359.0 | 3.0 | 356 | |
| MAXIMUM | | | | | 0.110 | 0.017 | 0.120 | 0.740 | 0.021 | 2.730 | 389.0 | 46.0 | 356 | 250 |
| AVG OR GEOM MN (*) | | | | | 0.046 | 0.008 | 0.042 | 0.411 | 0.012 | 1.378 | 332.3 | 17.6 | 330 | 242 |
| MINIMUM | | | | | 0.013 | 0.003 | 0.004 | 0.100 | 0.005 | 0.849 | 245.0 | 3.0 | 303 | 234 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 8 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 01 76 1130 | | | .3 | | 480 | 5.00 | 10.5 | | | | | | | |
| 19 02 76 1220 | | | .3 | | 385 | 20.00 | 9.0 | | | | | | | |
| 18 03 76 1105 | | | .3 | | 460 | 28.00 | 10.0 | 58.0 | 2.85 | | | | 0.92 | |
| 07 04 76 1150 | | | .3 | | 485 | 6.30 | 1.0 | 60.0 | 2.50 | | | 8.10 | 0.65 | |
| 13 05 76 1340 | | | .3 | | 485 | 9.00 | 9.4 | 54.0 | 2.50 | | | 8.20 | | 0.840 |
| 30 06 76 1105 | | | .3 | | 490 | 15.00 | 12.0 | | | | | 8.28 | | |
| 22 07 76 1125 | | | .3 | | 360 | 6.50 | 11.5 | 53.0 | 3.45 | | | 8.11 | | 0.470 |
| 18 08 76 1120 | | | .3 | | 500 | 8.50 | 12.0 | 65.0 | 3.90 | | | 8.26 | | 0.740 |
| 27 09 76 1125 | | | .3 | | 485 | 6.80 | 12.0 | 60.0 | 4.05 | | | 8.21 | | 0.680 |
| 18 10 76 1155 | | | .3 | | 520 | 4.00 | 13.0 | 98.0 | 4.20 | | | 8.14 | | 0.260 |
| 18 11 76 1110 | | | .3 | | 530 | 3.20 | 13.5 | 68.0 | 3.75 | | | 8.00 | | 0.280 |
| 15 12 76 1225 | | | .3 | | 540 | 2.50 | 13.0 | 68.0 | 4.45 | | | 8.06 | | 0.290 |
| MAXIMUM | | | | | 540 | 28.00 | 13.5 | 98.0 | 4.45 | | | 8.28 | 0.92 | 0.840 |
| AVG OR GEOM MN (*) | | | | | 477 | 9.57 | 10.6 | 64.9 | 3.52 | | | 8.15 | 0.79 | 0.509 |
| MINIMUM | | | | | 360 | 2.50 | 1.0 | 53.0 | 2.50 | | | 8.00 | 0.65 | 0.260 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 9 | 9 | | | 10 | 2 | 7 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 26 01 76 1130 | | | .3 | | | | | | | | | | | |
| 19 02 76 1220 | | | .3 | | | | | | | | | | | |
| 18 03 76 1105 | | | .3 | | 1.0L | | | | | | | 7 | 20 | 1 |
| 07 04 76 1150 | | | .3 | | 1.0L | | | | | | | 3 | 24 | |
| 13 05 76 1340 | | | .3 | | 1.0L | | | | | | | 8 | 14 | |
| 30 06 76 1105 | | | .3 | | 1.0L | | | | | | | 11 | 20 | |
| 22 07 76 1125 | | | .3 | | 1.0L | | | | | | | 9 | 60 | 0 |
| 18 08 76 1120 | | | .3 | | 1.0L | | | | | | | 4 | 14 | |
| 27 09 76 1125 | | | .3 | | 1.0L | | | | | | | 6 | 27 | |
| 18 10 76 1155 | | | .3 | | 1.0L | | | | | | | 8 | 10L | 0 |
| 18 11 76 1110 | | | .3 | | 1.0L | | | | | | | 6 | 10L | |
| 15 12 76 1225 | | | .3 | | 1.0L | | | | | | | 5 | 20 | |
| MAXIMUM | | | | | 1.0 | | | | | | | 11 | 60 | 1 |
| AVG OR GEOM MN (*) | | | | | 1.00 | | | | | | | 7 | 220 | 0 |
| MINIMUM | | | | | 1.0 | | | | | | | 3 | 10 | 0 |
| NO OF SAMPLES | | | | | 10 | | | | | | | 10 | 10 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 03 | 76 | 1105 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.010L | 0.010L | 0.020L | | 0.010L |
| 22 | 07 | 76 | 1125 | | | .3 | | 0.001L | 0.040L | | 0.010L | 0.030 | 0.010L | 0.010L | 0.010L | | 0.010L |
| 18 | 10 | 76 | 1155 | | | .3 | | 0.001L | 0.060 | | 0.020L | 0.010L | 0.010L | 0.005L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.060 | | 0.020 | 0.030 | 0.010 | 0.010 | 0.020 | | 0.010 |
| AVG OR GEOM MN (%) | | | | | | | | 0.001D | 0.043D | | 0.017D | 0.017D | 0.010D | 0.008D | 0.013D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.030 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W. / SITE: VENISON CREEK
SAMPLE POINT: AT CONCESSION 11 NORTH WALSINGHAM TOWNSHIP
STATION TYPE: RIVER

STATION ID: 16-0124-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG CREEK

STORET CODE: 02
003
2870

STN NO 6 LAT LONG U.T.M. 17 0530100.0 4729600.0 4 REGION 02 MILEAGE 17.20

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 64 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 1240 | | | .3 | | 31306 | 6 | 34.5 | 70. | 10. L | 10. L | | 2.5 | 14.4 | 1.2 |
| 10 | 02 | 76 | 1200 | | | .3 | | 31345 | 6 | 38.2 | 10. | 1. | 4. | | 4.0 | 12.2 | 0.8 |
| 10 | 03 | 76 | 1200 | | | .3 | | 31385 | 6 | 106. | 20. | 10. L | 10. L | | 4.0 | 12.0 | 2.0 |
| 07 | 04 | 76 | 1110 | | | .3 | | 31425 | 6 | | 10. | 8. | 1. | | 8.5 | 12.4 | 0.6 |
| 13 | 05 | 76 | 1225 | | | .3 | | 31465 | 6 | 57.9 | 20. | 28. | 24. | | 11.0 | 10.2 | 2.6 |
| 28 | 06 | 76 | 1125 | | | .3 | | 31505 | 6 | 27.9 | 3500. | | 508. | | 16.0 | 8.9 | 0.6 |
| 22 | 07 | 76 | 1330 | | | .3 | | 31545 | 6 | 25.8 | 300. | | 84. | | 14.5 | 9.2 | 0.6 |
| MAXIMUM | | | | | | | | | | 106. | 3500. | 28. | 508. | | 16.0 | 14.4 | 2.6 |
| AVG OR GEOM MN (%) | | | | | | | | | | 48.4 | 60. * | 7. * D | 17. * D | | 8.6 | 11.3 | 1.2 |
| MINIMUM | | | | | | | | | | 25.8 | 10. | 1. | 1. | | 2.5 | 8.9 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 6 | 7 | 5 | 7 | | 7 | 7 | 7 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1240 | | | .3 | | 0.021 | 0.005 | 0.030 | 0.360 | 0.012 | 1.100 | | | | |
| 10 | 02 | 76 | 1200 | | | .3 | | 0.014 | 0.005 | 0.015 | 0.270 | 0.009 | 1.220 | | | | |
| 10 | 03 | 76 | 1200 | | | .3 | | 0.029 | 0.007 | 0.036 | 0.560 | 0.009 | 1.070 | | | | |
| 07 | 04 | 76 | 1110 | | | .3 | | 0.025 | 0.004 | 0.010 | 0.370 | 0.009 | 0.791 | | | | |
| 13 | 05 | 76 | 1225 | | | .3 | | 0.021 | 0.004 | 0.020 | 0.550 | 0.009 | 0.746 | | | | |
| 28 | 06 | 76 | 1125 | | | .3 | | 0.035 | 0.002 | 0.028 | 0.430 | 0.009 | 0.404 | | | | |
| 22 | 07 | 76 | 1330 | | | .3 | | 0.020 | 0.006 | 0.006 | 0.220 | 0.003 | 0.952 | | | | |
| MAXIMUM | | | | | | | | 0.035 | 0.007 | 0.036 | 0.560 | 0.012 | 1.220 | | | | |
| AVG OR GEOM MN (%) | | | | | | | | 0.024 | 0.005 | 0.021 | 0.394 | 0.009 | 0.898 | | | | |
| MINIMUM | | | | | | | | 0.014 | 0.002 | 0.006 | 0.220 | 0.003 | 0.404 | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1240 | | | .3 | | 470 | 2.60 | 6.4 | | | | | | | |
| 10 | 02 | 76 | 1200 | | | .3 | | 470 | 2.60 | 6.7 | | | | | | | |
| 10 | 03 | 76 | 1200 | | | .3 | | 425 | 5.00 | 8.8 | | | | | | | |
| 07 | 04 | 76 | 1110 | | | .3 | | 450 | 4.10 | 7.9 | | | | | | | |
| 13 | 05 | 76 | 1225 | | | .3 | | 475 | 3.50 | 8.1 | | | | | | | |
| 28 | 06 | 76 | 1125 | | | .3 | | 450 | 1.60 | 9.0 | | | | | | | |
| 22 | 07 | 76 | 1330 | | | .3 | | 330 | 3.10 | 5.0 | | | | | | | |
| MAXIMUM | | | | | | | | 475 | 5.00 | 9.0 | | | | | | | |
| AVG OR GEOM MN (%) | | | | | | | | 439 | 3.21 | 7.4 | | | | | | | |
| MINIMUM | | | | | | | | 330 | 1.60 | 5.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | | | | | 3 | | |

B.O.W./ SITE: VENISON CREEK
SAMPLE POINT: AT MIDDLETON NORTH AND WALSINGHAM TOWNSHIP LINE
STATION TYPE: RIVER FLOW GAUGE FED 02GCD21

STATION ID: 16-0124-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG CREEK

STORET CODE: 02
003
2870

STN NO 7 LAT LONG U.T.M. 17 0530250.0 4734850.0 4 REGION 02 MILEAGE 21.20

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|---------------|---------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 20 01 76 1215 | | | .3 | | 31305 | 6 | | 70. | 10. L | 10. | | 4.0 | 12.1 | 1.2 |
| 10 02 76 1125 | | | .3 | | 31344 | 6 | 5.90 | 10. L | 1. | 4. | | 4.5 | 10.7 | 0.6 |
| 10 03 76 1105 | | | .3 | | 31384 | 6 | 27.90 | 10. | 10. L | 30. | | 4.0 | 10.8 | 1.6 |
| 07 04 76 1050 | | | .3 | | 31424 | 6 | 11.10 | 10. | 1. | 4. | | 8.5 | 10.9 | 1.4 |
| 13 05 76 1130 | | | .3 | | 31464 | 6 | | 100. | 1. | 56. | | 12.5 | 10.0 | 1.2 |
| 28 06 76 1105 | | | .3 | | 31504 | 6 | 3.30 | 2700. | | 368. | | 13.5 | 8.9 | 0.6 |
| 22 07 76 1405 | | | .3 | | 31544 | 6 | 3.00 | 200. | | 52. | | 16.5 | 7.4 | 0.8 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|--------|-------|------|--|------|------|-----|
| MAXIMUM | | | | | | | 27.90 | 2700. | 10. | 368. | | 16.5 | 12.1 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | 10.24 | 63.* D | 3.* D | 24.* | | 9.1 | 10.1 | 1.1 |
| MINIMUM | | | | | | | 3.00 | 10. | 1. | 4. | | 4.0 | 7.4 | 0.6 |
| NO OF SAMPLES | | | | | | | 5 | 7 | 5 | 7 | | 7 | 7 | 7 |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 20 01 76 1215 | | | .3 | | 0.011 | 0.004 | 0.070 | 0.470 | 0.011 | 1.000 | | | | |
| 10 02 76 1125 | | | .3 | | 0.009 | 0.005 | 0.050 | 0.420 | 0.011 | 0.990 | | | | |
| 10 03 76 1105 | | | .3 | | 0.033 | 0.007 | 0.058 | 0.720 | 0.009 | 1.420 | | | | |
| 07 04 76 1050 | | | .3 | | 0.025 | 0.002 | 0.030 | 0.620 | 0.013 | 0.842 | | | | |
| 13 05 76 1130 | | | .3 | | 0.025 | 0.004 | 0.030 | 0.550 | 0.014 | 0.716 | | | | |
| 28 06 76 1105 | | | .3 | | 0.017 | 0.001 | 0.040 | 0.340 | 0.010 | 0.398 | | | | |
| 22 07 76 1405 | | | .3 | | 0.014 | 0.006 | 0.016 | 0.280 | 0.011 | 0.779 | | | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-------|-------|-------|-------|-------|-------|--|--|--|--|
| MAXIMUM | | | | | 0.033 | 0.007 | 0.070 | 0.720 | 0.014 | 1.420 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.019 | 0.004 | 0.042 | 0.486 | 0.011 | 0.878 | | | | |
| MINIMUM | | | | | 0.009 | 0.001 | 0.016 | 0.280 | 0.009 | 0.398 | | | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | | |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 20 01 76 1215 | | | .3 | | 530 | 2.20 | 6.6 | | | | | | | |
| 10 02 76 1125 | | | .3 | | 520 | 2.60 | 7.0 | | | | | | | |
| 10 03 76 1105 | | | .3 | | 420 | 5.60 | 6.4 | | | | | | | |
| 07 04 76 1050 | | | .3 | | 470 | 5.30 | 6.6 | | | | | | | |
| 13 05 76 1130 | | | .3 | | 490 | 3.70 | 6.3 | | | | | | | |
| 28 06 76 1105 | | | .3 | | 480 | 1.90 | 5.7 | | | | | 8.21 | | |
| 22 07 76 1405 | | | .3 | | 346 | 2.10 | 7.5 | | | | | 8.03 | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|-----|------|-----|--|--|--|--|------|--|--|
| MAXIMUM | | | | | 530 | 5.60 | 7.5 | | | | | 8.21 | | |
| AVG OR GEOM MN (*) | | | | | 465 | 3.34 | 6.6 | | | | | 8.15 | | |
| MINIMUM | | | | | 346 | 1.90 | 5.7 | | | | | 8.03 | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | | | | | 3 | | |

B.O.W./ SITE: VENISON CREEK
SAMPLE POINT: AT DAM NEAR HAZEN ROAD MIDDLETON TOWNSHIP
STATION TYPE: RIVER

STATION ID: 16-0124-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG CREEK

STORET CODE: 02
003
2870

STN NO 8 LAT LONG U.T.M. 17 0530400.0 4735400.0 4 REGION 02 MILEAGE 21.60

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|---------------|---------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 20 01 76 1150 | | | .3 | | 31304 | 6 | 3.00 | 140. | 10. L | 10. L | | 1.5 | 12.6 | 1.6 |
| 10 02 76 1040 | | | .3 | | 31343 | 6 | 3.80 | 10. L | 1. | 1. | | 3.5 | 11.1 | 0.6 |
| 10 03 76 1020 | | | .3 | | 31383 | 6 | 16.20 | 10. | 10. | 10. L | | 4.0 | 11.2 | 0.8 |
| 07 04 76 1040 | | | .3 | | 31423 | 6 | 6.60 | 30. | 4. | 4. | | 9.0 | 13.4 | 1.0 |
| 13 05 76 1040 | | | .3 | | 31463 | 6 | 6.50 | 50. | 12. | 16. | | 12.0 | 11.4 | 2.0 |
| 28 06 76 1050 | | | .3 | | 31503 | 6 | 2.60 | 4000. | | 296. | | 19.0 | 8.7 | 0.4 |
| 22 07 76 1354 | | | .3 | | 31543 | 6 | 2.10 | 150. | | 40. | | 18.5 | 7.7 | 1.0 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|--------|-------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | 16.20 | 4000. | 12. | 296. | | 19.0 | 13.4 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | 5.83 | 74.* D | 5.* D | 13.* D | | 9.6 | 10.9 | 1.1 |
| MINIMUM | | | | | | | 2.10 | 10. | 1. | 1. | | 1.5 | 7.7 | 0.4 |
| NO OF SAMPLES | | | | | | | 7 | 7 | 5 | 7 | | 7 | 7 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1150 | | .3 | | 0.024 | 0.009 | 0.120 | 0.430 | 0.013 | 0.850 | | | | |
| 10 | 02 | 76 | 1040 | | .3 | | 0.020 | 0.010 | 0.110 | 0.370 | 0.016 | 1.110 | | | | |
| 10 | 03 | 76 | 1020 | | .3 | | 0.026 | 0.008 | 0.026 | 0.370 | 0.010 | 0.885 | | | | |
| 07 | 04 | 76 | 1040 | | .3 | | 0.022 | 0.003 | 0.022 | 0.370 | 0.009 | 0.456 | | | | |
| 13 | 05 | 76 | 1040 | | .3 | | 0.025 | 0.003 | 0.020 | 0.350 | 0.010 | 0.360 | | | | |
| 28 | 06 | 76 | 1050 | | .3 | | 0.030 | 0.002 | 0.022 | 0.310 | 0.009 | 0.458 | | | | |
| 22 | 07 | 76 | 1354 | | .3 | | 0.024 | 0.005 | 0.050 | 0.310 | 0.006 | 0.299 | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|
| MAXIMUM | 0.030 | 0.010 | 0.120 | 0.430 | 0.016 | 1.110 |
| AVG OR GEOM MN (*) | 0.024 | 0.006 | 0.053 | 0.364 | 0.010 | 0.631 |
| MINIMUM | 0.020 | 0.002 | 0.020 | 0.310 | 0.006 | 0.299 |
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1150 | | .3 | | 500 | 3.60 | 13.5 | | | | | | | |
| 10 | 02 | 76 | 1040 | | .3 | | 520 | 3.00 | 84.0 | | | | | | | |
| 10 | 03 | 76 | 1020 | | .3 | | 465 | 3.40 | 18.0 | | | | | | | |
| 07 | 04 | 76 | 1040 | | .3 | | 475 | 4.70 | 16.5 | | | | | | | |
| 13 | 05 | 76 | 1040 | | .3 | | 485 | 4.10 | 15.5 | | | | | | 8.18 | |
| 28 | 06 | 76 | 1050 | | .3 | | 425 | 2.70 | 5.5 | | | | | | 8.23 | |
| 22 | 07 | 76 | 1354 | | .3 | | 340 | 2.20 | 8.0 | | | | | | 8.28 | |
| MAXIMUM | | | | | | | 520 | 4.70 | 84.0 | | | | | | 8.28 | |
| AVG OR GEOM MN (*) | | | | | | | 459 | 3.39 | 23.0 | | | | | | 8.23 | |
| MINIMUM | | | | | | | 340 | 2.20 | 5.5 | | | | | | 8.18 | |
| NO OF SAMPLES | | | | | | | 7 | 7 | 7 | | | | | | 3 | |

B.O.W. / SITE: DEDRICH CREEK
SAMPLE POINT: AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP
STATION TYPE: RIVER FLOW GAUGE FED 02GC013

STATION ID: 16-0126-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: DEDRICH CREEK

STORET CODE: 02
003
1080

STN NO 1 LAT LONG U.T.M. 17 0544225.0 4717790.0 4 REGION 02 MILEAGE 0.60

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 26 | 01 | 76 | 1145 | | .3 | | 31310 | 4 | 52.00 | 15000. | 3800. | 100. | | 0.0 | 12.9 | 1.0 |
| 19 | 02 | 76 | 1225 | | .3 | | 31349 | 4 | 267.00 | 61000. | 20. | 600. | | 0.5 | 13.0 | 1.6 |
| 18 | 03 | 76 | 1125 | | .3 | | 31389 | 6 | 65.40 | 100. | 10. | 20. | | 0.0 | 13.7 | 1.0 |
| 07 | 04 | 76 | 1200 | | .3 | | 31429 | 6 | 43.40 | 160. | 80. | 10. | | 9.0 | 13.3 | 1.2 |
| 13 | 05 | 76 | 1400 | | .3 | | 31469 | 6 | 45.60 | 100. | 1. | 40. | | 13.5 | 10.9 | 1.6 |
| 30 | 06 | 76 | 1045 | | .3 | | 31508 | 6 | 13.10 | 2900. | | 828. | | 19.5 | 5.8 | 1.8 |
| 22 | 07 | 76 | 1110 | | .3 | | 31548 | 6 | 8.90 | 500. | | 40. | | 22.0 | 6.5 | 1.0 |
| 18 | 08 | 76 | 1135 | | .3 | | 31585 | 6 | 13.60 | 2100. | | 380. | | 20.0 | 8.3 | 1.4 |
| 27 | 09 | 76 | 1135 | | .3 | | 31622 | 6 | 13.70 | 5200. | 316. | 1880. | | 12.5 | 8.9 | 1.2 |
| 18 | 10 | 76 | 1220 | | .3 | | 31664 | 6 | 8.90 | 1100. | 248. | 70. | | 8.9 | 8.3 | 3.2 |
| 18 | 11 | 76 | 1120 | | .3 | | 31703 | 6 | 12.00 | 60. | 12. | 36. | | 2.0 | 12.9 | 0.9 |
| 15 | 12 | 76 | 1235 | | .3 | | 31740 | 4 | 12.10 | 170. | 62. | 10. | | 0.0 | 12.6 | 0.6 |
| MAXIMUM | | | | | | | | | 267.00 | 61000. | 3800. | 1880. | | 22.0 | 13.7 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | | | 46.31 | 894.* | 53.* | 90.* | | 9.0 | 10.6 | 1.4 |
| MINIMUM | | | | | | | | | 8.90 | 60. | 1. | 10. | | 0.0 | 5.8 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 9 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1145 | | .3 | | 0.044 | 0.016 | 0.090 | 0.450 | 0.011 | 1.500 | 273.0 | 10.0 | | |
| 19 | 02 | 76 | 1225 | | .3 | | 0.246 | 0.043 | 0.184 | 1.280 | 0.025 | 2.220 | 280.0 | 114.0 | | 166 |
| 18 | 03 | 76 | 1125 | | .3 | | 0.033 | 0.006 | 0.020 | 0.360 | 0.007 | 1.090 | 260.0 | 19.0 | | |
| 07 | 04 | 76 | 1200 | | .3 | | 0.023 | 0.002 | 0.016 | 0.460 | 0.007 | 0.668 | 259.0 | 12.0 | | |
| 13 | 05 | 76 | 1400 | | .3 | | 0.038 | 0.006 | 0.014 | 0.490 | 0.009 | 0.611 | 257.0 | 25.0 | | |
| 30 | 06 | 76 | 1045 | | .3 | | 0.059 | 0.014 | 0.081 | 0.640 | 0.016 | 0.449 | 279.0 | 19.0 | | |
| 22 | 07 | 76 | 1110 | | .3 | | 0.039 | 0.006 | 0.016 | 0.370 | 0.007 | 0.263 | 205.0 | 13.0 | | |
| 18 | 08 | 76 | 1135 | | .3 | | 0.068 | 0.011 | 0.040 | 0.560 | 0.009 | 0.601 | 308.0 | 23.0 | | |
| 27 | 09 | 76 | 1135 | | .3 | | 0.060 | 0.013 | 0.008 | 0.340 | 0.004 | 0.431 | 281.0 | 21.0 | | |
| 18 | 10 | 76 | 1220 | | .3 | | 0.017 | 0.002 | 0.002L | 0.090 | 0.003 | 0.142 | 280.0 | 7.7 | | |
| 18 | 11 | 76 | 1120 | | .3 | | 0.010 | 0.003 | 0.010 | 0.220 | 0.003 | 0.417 | 281.0 | 5.2 | | |
| 15 | 12 | 76 | 1235 | | .3 | | 0.012 | 0.003 | 0.016 | 0.200 | 0.004 | 0.601 | 314.0 | 4.7 | | |
| MAXIMUM | | | | | | | 0.246 | 0.043 | 0.184 | 1.280 | 0.025 | 2.220 | 314.0 | 114.0 | | 166 |
| AVG OR GEOM MN (*) | | | | | | | 0.054 | 0.010 | 0.041D | 0.455 | 0.009 | 0.749 | 273.1 | 22.8 | | 166 |
| MINIMUM | | | | | | | 0.010 | 0.002 | 0.002 | 0.090 | 0.003 | 0.142 | 205.0 | 4.7 | | 166 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1145 | | | .3 | | 430 | 9.00 | 14.5 | | | | | | | |
| 19 | 02 | 76 | 1225 | | | .3 | | 255 | 110.00 | 6.7 | | | | | | | |
| 18 | 03 | 76 | 1125 | | | .3 | | 370 | 7.00 | 8.3 | | | | | | | |
| 07 | 04 | 76 | 1200 | | | .3 | | 380 | 7.80 | 8.7 | | | | | | | |
| 13 | 05 | 76 | 1400 | | | .3 | | 395 | 8.50 | 8.1 | | | | | | | |
| 30 | 06 | 76 | 1045 | | | .3 | | 398 | 15.00 | 8.8 | | | | | | 8.26 | |
| 22 | 07 | 76 | 1110 | | | .3 | | 295 | 8.70 | 9.5 | | | | | | 8.01 | |
| 18 | 08 | 76 | 1135 | | | .3 | | 420 | 24.00 | 9.5 | | | | | | 8.20 | |
| 27 | 09 | 76 | 1135 | | | .3 | | 410 | 22.00 | 10.5 | | | | | | 8.10 | |
| 18 | 10 | 76 | 1220 | | | .3 | | 420 | 6.60 | 9.3 | | | | | | 7.95 | |
| 18 | 11 | 76 | 1120 | | | .3 | | 440 | 5.20 | 9.2 | | | | | | | |
| 15 | 12 | 76 | 1235 | | | .3 | | 455 | 5.50 | 10.0 | | | | | | | |
| MAXIMUM | | | | | | | | 455 | 110.00 | 14.5 | | | | | | 8.26 | |
| AVG OR GEOM MN (-) | | | | | | | | 389 | 19.11 | 9.4 | | | | | | 8.10 | |
| MINIMUM | | | | | | | | 255 | 5.20 | 6.7 | | | | | | 7.95 | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | | | | 5 | | |

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT HIGHWAY 6 PORT DOVER
STATION TYPE: RIVER FLOW GAUGE MOE 02GC102

STATION ID: 16-0159-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

| STN NO | 1 | LAT | LONG | U.T.M. 17 0565600.0 4737100.0 4 | REGION 02 | MILEAGE | 0.40 | | | | | | | | | | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1330 | | | .3 | | 31311 | 4 | | 700. | 60. | 50. | | 0.0 | 12.4 | 1.0 |
| 19 | 02 | 76 | 1345 | | | .3 | | 31350 | 3 | | 3000. | 500. | 2300. | | 1.5 | 13.1 | 3.0 |
| 18 | 03 | 76 | 1310 | | | .3 | | 31390 | 4 | | 300. | 50. | 200. | | 0.0 | 13.6 | 1.8 |
| 07 | 04 | 76 | 1250 | | | .3 | | 31430 | 6 | | 170. | 50. | 10. | | 10.5 | 12.5 | 1.2 |
| 19 | 05 | 76 | 1135 | | | .3 | | 31470 | 6 | | 1300. | 100. | 10. | | 12.0 | 9.5 | 1.4 |
| 14 | 06 | 76 | 1225 | | | .3 | | 31514 | 6 | | 600. | | 10. | | 22.5 | 8.4 | 2.4 |
| 21 | 07 | 76 | 1235 | | | .3 | | 31554 | 6 9 | | 1700. | | 100. | | 22.0 | 8.1 | 2.2 |
| 18 | 08 | 76 | 1235 | | | .3 | | 31591 | 6 9 | | 1500. | | 124. | | 22.0 | 8.7 | 1.6 |
| 27 | 09 | 76 | 1235 | | | .3 | | 31628 | 6 | | 1800. | 100. | 64. | | 12.5 | 10.0 | 1.2 |
| 18 | 10 | 76 | 1330 | | | .3 | | 31665 | 6 9 | | 500. | 56. | 1. | | 10.8 | 8.3 | 1.0 |
| 18 | 11 | 76 | 1240 | | | .3 | | 31704 | 6 | | 4100. | 244. | 280. | | 3.5 | 12.9 | 1.0 |
| 15 | 12 | 76 | 1350 | | | .3 | | 31741 | 4 | | 2800. | 800. | 310. | | 0.0 | 12.9 | 1.4 |
| MAXIMUM | | | | | | | | | | | 4100. | 800. | 2300. | | 22.5 | 13.6 | 3.0 |
| AVG OR GEOM MN (-) | | | | | | | | | | | 1068.* | 126.* | 60.* | D | 9.8 | 10.9 | 1.6 |
| MINIMUM | | | | | | | | | | | 170. | 50. | 1. | | 0.0 | 8.1 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | 0.058 | 0.023 | 0.280 | 0.690 | 0.022 | 2.300 | 399.0 | 11.0 | | |
| 19 | 02 | 76 | 1345 | | | .3 | | 0.286 | 0.069 | 0.168 | 1.280 | 0.036 | 3.190 | 348.0 | 114.0 | | 234 |
| 18 | 03 | 76 | 1310 | | | .3 | | 0.049 | 0.016 | 0.168 | 0.540 | 0.020 | 2.230 | 369.0 | 9.4 | | |
| 07 | 04 | 76 | 1250 | | | .3 | | 0.057 | 0.011 | 0.084 | 0.570 | 0.028 | 1.570 | 383.0 | 14.0 | 360 | |
| 19 | 05 | 76 | 1135 | | | .3 | | 0.170 | 0.160 | 0.092 | 0.640 | 0.042 | 1.460 | 403.0 | 20.0 | 369 | |
| 14 | 06 | 76 | 1225 | | | .3 | | 0.183 | 0.100 | 0.024 | 0.660 | 0.060 | 1.140 | 364.0 | 14.0 | 383 | |
| 21 | 07 | 76 | 1235 | | | .3 | | 0.300 | 0.013 | 0.010 | 1.060 | 0.042 | 1.550 | 467.0 | 27.0 | 350 | |
| 18 | 08 | 76 | 1235 | | | .3 | | 0.074 | 0.013 | 0.018 | 0.540 | 0.045 | 1.330 | 369.0 | 12.0 | 440 | |
| 27 | 09 | 76 | 1235 | | | .3 | | 0.054 | 0.022 | 0.158 | 0.560 | 0.064 | 1.790 | 378.0 | 10.0 | 357 | |
| 18 | 10 | 76 | 1330 | | | .3 | | 0.053 | 0.009 | 0.084 | 0.470 | 0.060 | 1.940 | 430.0 | 6.6 | 423 | |
| 18 | 11 | 76 | 1240 | | | .3 | | 0.035 | 0.007 | 0.124 | 0.460 | 0.027 | 2.170 | 399.0 | 6.5 | 392 | |
| 15 | 12 | 76 | 1350 | | | .3 | | 0.054 | 0.012 | 0.270 | 0.600 | 0.019 | 1.380 | 506.0 | 9.1 | 497 | |
| MAXIMUM | | | | | | | | 0.300 | 0.160 | 0.280 | 1.280 | 0.064 | 3.190 | 506.0 | 114.0 | 497 | 234 |
| AVG OR GEOM MN (-) | | | | | | | | 0.114 | 0.038 | 0.123 | 0.672 | 0.039 | 1.838 | 401.3 | 21.1 | 394 | 234 |
| MINIMUM | | | | | | | | 0.035 | 0.007 | 0.010 | 0.460 | 0.019 | 1.140 | 348.0 | 6.5 | 350 | 234 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | 620 | 5.40 | 30.5 | | | | | | | |
| 19 | 02 | 76 | 1345 | | | .3 | | 360 | 120.00 | 14.5 | | | | | | | |
| 18 | 03 | 76 | 1310 | | | .3 | | 520 | 7.00 | 22.0 | 70.0 | 2.95 | | | 8.20 | 0.70 | |
| 07 | 04 | 76 | 1250 | | | .3 | | 520 | 8.60 | 1.9 | 63.0 | 2.90 | | | 8.40 | 0.80 | |
| 19 | 05 | 76 | 1135 | | | .3 | | 550 | 15.00 | 21.5 | 50.0 | 3.00 | | | 8.19 | | 1.050 |
| 14 | 06 | 76 | 1225 | | | .3 | | 540 | 7.50 | 25.0 | 85.0 | 4.10 | | | 8.43 | | 0.880 |
| 21 | 07 | 76 | 1235 | | | .3 | | 640 | 16.00 | 51.0 | 70.0 | 2.75 | | | 8.19 | | 1.080 |
| 18 | 08 | 76 | 1235 | | | .3 | | 550 | 6.60 | 26.0 | 60.0 | 4.45 | | | 8.31 | | 0.670 |
| 27 | 09 | 76 | 1235 | | | .3 | | 580 | 5.40 | 34.0 | 62.5 | 4.55 | | | 8.32 | | 0.450 |
| 18 | 10 | 76 | 1330 | | | .3 | | 640 | 5.00 | 46.0 | 110.0 | 4.40 | | | 8.21 | | 0.340 |
| 18 | 11 | 76 | 1240 | | | .3 | | 620 | 6.20 | 34.5 | 68.0 | 3.70 | | | 8.24 | | 0.340 |
| 15 | 12 | 76 | 1350 | | | .3 | | 760 | 4.00 | 65.0 | 80.0 | 4.25 | | | 8.10 | | 0.340 |
| MAXIMUM | | | | | | | | 760 | 120.00 | 65.0 | 110.0 | 4.55 | | | 8.43 | 0.80 | 1.080 |
| AVG OR GEOM MN (-) | | | | | | | | 575 | 17.23 | 31.0 | 71.9 | 3.71 | | | 8.26 | 0.75 | 0.644 |
| MINIMUM | | | | | | | | 360 | 4.00 | 1.9 | 50.0 | 2.75 | | | 8.10 | 0.70 | 0.340 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 10 | 10 | | | 10 | 2 | 8 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 26 | 01 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 19 | 02 | 76 | 1345 | | | .3 | | | | | | | | | | | |
| 18 | 03 | 76 | 1310 | | | .3 | | 1.0L | | | | | | | 5 | 20 | 1 |
| 07 | 04 | 76 | 1250 | | | .3 | | 1.0L | | | | | | | 3 | 26 | |
| 19 | 05 | 76 | 1135 | | | .3 | | 1.0L | | | | | | | 1 | 10 | |
| 14 | 06 | 76 | 1225 | | | .3 | | 1.0L | | | | | | | 5 | 24 | |
| 21 | 07 | 76 | 1235 | | | .3 | | 1.0 | | | | | | | 10 | | 1 |
| 18 | 08 | 76 | 1235 | | | .3 | | 1.0L | | | | | | | 6 | 14 | |
| 27 | 09 | 76 | 1235 | | | .3 | | 1.0L | | | | | | | 5 | 25 | |
| 18 | 10 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | 8 | 16 | 0 |
| 18 | 11 | 76 | 1240 | | | .3 | | 1.0L | | | | | | | 26 | 10L | |
| 15 | 12 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | 10 | 26 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|----|-----|---|
| MAXIMUM | | | | | | | | 1.0 | | | | | | | 26 | 26 | 1 |
| AVG OR GEOM MN (*) | | | | | | | | 1.00 | | | | | | | 8 | 190 | 1 |
| MINIMUM | | | | | | | | 1.0 | | | | | | | 1 | 10 | 0 |
| NO OF SAMPLES | | | | | | | | 10 | | | | | | | 10 | 9 | 3 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 18 | 03 | 76 | 1310 | | | .3 | | 0.001L | 0.030L | | 0.020L | 0.010L | 0.020 | 0.010L | 0.030 | | 0.010 |
| 21 | 07 | 76 | 1235 | | | .3 | | 0.001 | 0.040L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| 18 | 10 | 76 | 1330 | | | .3 | | 0.001L | 0.040L | | 0.020L | 0.010L | 0.010L | 0.005L | 0.020 | | 0.010L |
| MAXIMUM | | | | | | | | 0.001 | 0.040 | | 0.020 | 0.010 | 0.020 | 0.010 | 0.030 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.037D | | 0.017D | 0.010D | 0.013D | 0.008D | 0.020D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.030 | | 0.010 | 0.010 | 0.010 | 0.005 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | | 3 | 3 | 3 | 3 | 3 | | 3 |

B.O.W. / SITE: LYNN RIVER

SAMPLE POINT: AT BRIDGE ON LYNN VALLEY ROAD DOWNSTREAM FROM SIMCOE STP

STATION TYPE: RIVER FLOW GAUGE FED 02GC00B

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ERIE

TERM STREAM: LYNN RIVER

STATION ID: 16-0159-002-02

STORET CODE: 02
003
0650

STN NO 2 LAT LONG U.T.M. 17 0559000.0 4740050.0 4 REGION 02 MILEAGE 5.60

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------|---------------------------|
| 26 | 01 | 76 | 1250 | | | .3 | | 31307 | 6 | 85.20 | 20000. | 1500. | 1400. | | 2.0 | 12.8 | 4.0 |
| 19 | 02 | 76 | 1010 | | | .3 | | 31346 | 3 | 248.00 | 7000. | 300. | 900. | | 3.0 | 13.5 | 3.6 |
| 18 | 03 | 76 | 1030 | | | .3 | | 31386 | 6 | 145.00 | 130. | 10. | 50. | | 1.0 | 13.9 | 2.2 |
| 07 | 04 | 76 | 1230 | | | .3 | | 31426 | 6 | 97.50 | 200. | 10. | 100. | L | 0.0 | 13.4 | 1.2 |
| 19 | 05 | 76 | 1115 | | | .3 | | 31466 | 6 | 99.70 | 300. | 36. | 8. | | 0.0 | 10.8 | 1.6 |
| 14 | 06 | 76 | 1120 | | | .3 | | 31513 | 6 | 57.40 | 1100. | | 216. | | 20.5 | 7.9 | 4.4 |
| 21 | 07 | 76 | 1145 | | | .3 | | 31553 | 6 | 103.00 | 20000. | | 70. | | 19.5 | 8.0 | 3.2 |
| 18 | 08 | 76 | 1205 | | | .3 | | 31590 | 6 | 49.40 | 2400. | | 90. | | 19.0 | 9.4 | 1.8 |
| 27 | 09 | 76 | 1040 | | | .3 | | 31627 | 6 | 57.40 | 2000. | 64. | 256. | | 12.5 | 9.4 | 2.4 |
| 18 | 10 | 76 | 1110 | | | .3 | | 31661 | 6 | 43.80 | 3600. | 176. | 152. | | 8.9 | 8.1 | 1.4 |
| 18 | 11 | 76 | 1220 | | | .3 | | 31700 | 6 | 44.60 | 20. | 1. | 10. | L | 4.5 | 12.2 | 1.9 |
| 15 | 12 | 76 | 1130 | | | .3 | | 31737 | 6 | 40.30 | 7000. | 300. | 156. | | 2.5 | 12.5 | 2.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|--------|-------|-------|------|------|-----|
| MAXIMUM | | | | | | | | | | | 248.00 | 20000. | 1500. | 1400. | 20.5 | 13.9 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 89.28 | 1403. | 56. | 113. | 9.3 | 11.0 | 2.5 |
| MINIMUM | | | | | | | | | | | 40.30 | 20. | 1. | 8. | 1.0 | 7.9 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 9 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1250 | | | .3 | | 0.450 | 0.022 | 0.340 | 2.700 | 0.046 | 2.800 | 728.0 | 53.0 | | |
| 19 | 02 | 76 | 1010 | | | .3 | | 0.143 | 0.017 | 0.080 | 0.850 | 0.020 | 9.430 | 378.0 | 47.0 | | |
| 18 | 03 | 76 | 1030 | | | .3 | | 0.041 | 0.016 | 0.166 | 0.390 | 0.011 | 1.910 | 372.0 | 6.9 | | |
| 07 | 04 | 76 | 1230 | | | .3 | | 0.042 | 0.008 | 0.036 | 0.470 | 0.012 | 1.490 | 387.0 | 13.0 | | |
| 19 | 05 | 76 | 1115 | | | .3 | | 0.025 | 0.010 | 0.066 | 0.470 | 0.022 | 1.500 | 375.0 | 6.1 | | |
| 14 | 06 | 76 | 1120 | | | .3 | | 0.088 | 0.027 | 0.140 | 0.760 | 0.073 | 1.950 | 372.0 | 14.0 | | |
| 21 | 07 | 76 | 1145 | | | .3 | | 0.063 | 0.021 | 0.216 | 0.570 | 0.050 | 1.180 | 376.0 | 36.0 | | |
| 18 | 08 | 76 | 1205 | | | .3 | | 0.056 | 0.011 | 0.156 | 0.500 | 0.086 | 1.790 | 375.0 | 8.5 | | |
| 27 | 09 | 76 | 1040 | | | .3 | | 0.064 | 0.018 | 0.204 | 0.620 | 0.085 | 1.920 | 339.0 | 16.0 | | |
| 18 | 10 | 76 | 1110 | | | .3 | | 0.031 | 0.009 | 0.132 | 0.480 | 0.079 | 2.270 | 384.0 | 4.6 | | |
| 18 | 11 | 76 | 1220 | | | .3 | | 0.046 | 0.021 | 0.160 | 0.470 | 0.025 | 2.100 | 388.0 | 3.8 | | |
| 15 | 12 | 76 | 1130 | | | .3 | | 0.046 | 0.014 | 0.400 | 0.760 | 0.021 | 1.580 | 424.0 | 8.2 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.450 | 0.027 | 0.400 | 2.700 | 0.086 | 9.430 | 728.0 | 53.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.091 | 0.016 | 0.175 | 0.755 | 0.044 | 2.493 | 408.2 | 18.1 | | |
| MINIMUM | | | | | | | | 0.025 | 0.008 | 0.036 | 0.390 | 0.011 | 1.180 | 339.0 | 3.8 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1250 | | | .3 | 1180 | 37.00 | 245.0 | | | | | | | |
| 19 | 02 | 76 | 1010 | | | .3 | 485 | 30.00 | 15.5 | | | | | | | |
| 18 | 03 | 76 | 1030 | | | .3 | 540 | 3.50 | 17.5 | | | | | | | |
| 07 | 04 | 76 | 1230 | | | .3 | 540 | 5.30 | 23.0 | | | | | | | |
| 19 | 05 | 76 | 1115 | | | .3 | 550 | 4.10 | 17.0 | | | | | | | |
| 14 | 06 | 76 | 1120 | | | .3 | 530 | 6.00 | 21.0 | | | | | 8.38 | | |
| 21 | 07 | 76 | 1145 | | | .3 | 470 | 20.00 | 18.0 | | | | | 8.20 | | |
| 18 | 08 | 76 | 1205 | | | .3 | 555 | 3.60 | 22.0 | | | | | 8.12 | | |
| 27 | 09 | 76 | 1040 | | | .3 | 520 | 10.00 | 22.5 | | | | | 8.06 | | |
| 18 | 10 | 76 | 1110 | | | .3 | 590 | 3.50 | 25.5 | | | | | 8.25 | | |
| 18 | 11 | 76 | 1220 | | | .3 | 610 | 3.00 | 29.0 | | | | | | | |
| 15 | 12 | 76 | 1130 | | | .3 | 670 | 3.00 | 47.5 | 65.0 | | | | | | |
| MAXIMUM | | | | | | | 1180 | 37.00 | 245.0 | 65.0 | | | | 8.38 | | |
| AVG OR GEOM MN (*) | | | | | | | 603 | 10.75 | 42.0 | 65.0 | | | | 8.20 | | |
| MINIMUM | | | | | | | 470 | 3.00 | 15.5 | 65.0 | | | | 8.06 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W./ SITE: FOLEY CREEK
SAMPLE POINT: FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0162-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: FOLEY CREEK

STORET CODE: 02
003
0610

| STN NO | 1 | LAT | LONG | U.T.M. | 17 | 0570400.0 | 4737250.0 | 4 | REGION | 02 | MILEAGE | 0.10 | | | | |
|--------------------|-----------|----------|-------------|------------|---------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 26 | 01 | 76 | 1345 | | | .3 | 31312 | 4 | | 5100. | 60. | 800. | | 0.0 | 11.2 | 1.6 |
| 19 | 02 | 76 | 1355 | | | .3 | 31351 | 3 | | 1000. | 100. | 1100. | | 1.0 | 13.7 | 2.6 |
| 11 | 03 | 76 | 1100 | | | .3 | 31391 | 3 | | 200. | 110. | 290. | | 1.0 | 13.1 | 2.0 |
| 07 | 04 | 76 | 1305 | | | .3 | 31431 | 3 | | 100. | 100. | 100. | L | 12.0 | 10.1 | 1.4 |
| 19 | 05 | 76 | 1205 | | | .3 | 31471 | 6 | | 2600. | 380. | 1310. | | 9.2 | 8.0 | 1.3 |
| 14 | 06 | 76 | 1240 | | | .3 | 31515 | 6 9 | | 500. | 100. | L | | 21.0 | 5.5 | 2.4 |
| 21 | 07 | 76 | 1300 | | | .3 | 31555 | 6 9 | | 13000. | 1900. | | | 21.5 | 6.0 | 4.2 |
| 18 | 08 | 76 | 1300 | | | .3 | 31592 | 6 9 | | 900. | 30. | | | 22.0 | 7.3 | 1.4 |
| 27 | 09 | 76 | 1245 | | | .3 | 31629 | 6 | | 27000. | 360. | 2000. | | 13.0 | 6.3 | 4.0 |
| 18 | 10 | 76 | 1350 | | | .3 | 31666 | 6 | | 200. | 20. | 40. | | 10.1 | 5.3 | 3.0 |
| 18 | 11 | 76 | 1250 | | | .3 | 31705 | 6 | | 10. | 4. | 12. | | 3.0 | 6.6 | 1.5 |
| 15 | 12 | 76 | 1400 | | | .3 | 31742 | 4 | | 1600. | 148. | 286. | | 0.0 | 8.6 | 4.0 |
| MAXIMUM | | | | | | | | | | 27000. | 380. | 2000. | | 22.0 | 13.7 | 4.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 846.* | 78.* | 247.* D | | 9.5 | 8.5 | 2.5 |
| MINIMUM | | | | | | | | | | 10. | 4. | 12. | | 0.0 | 5.3 | 1.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | 0.210 | 0.066 | 0.150 | 1.000 | 0.022 | 1.300 | 333.0 | 99.0 | | 234 |
| 19 | 02 | 76 | 1355 | | | .3 | 0.308 | 0.098 | 0.172 | 1.380 | 0.048 | 1.450 | 261.0 | 154.0 | | 107 |
| 11 | 03 | 76 | 1100 | | | .3 | 0.224 | 0.080 | 0.158 | 1.320 | 0.049 | 0.826 | 189.0 | 39.0 | | 150 |
| 07 | 04 | 76 | 1305 | | | .3 | 0.124 | 0.037 | 0.082 | 1.100 | 0.023 | 0.087 | 266.0 | 29.0 | | |
| 19 | 05 | 76 | 1205 | | | .3 | 0.156 | 0.036 | 0.046 | 1.340 | 0.016 | 0.029 | 375.0 | 56.0 | | |
| 14 | 06 | 76 | 1240 | | | .3 | 0.090 | 0.009 | 0.066 | 0.950 | 0.011 | 0.084 | 295.0 | 20.0 | | |
| 21 | 07 | 76 | 1300 | | | .3 | 0.196 | 0.052 | 0.088 | 1.620 | 0.130 | 3.050 | 474.0 | 74.0 | | |
| 18 | 08 | 76 | 1300 | | | .3 | 0.068 | 0.008 | 0.080 | 1.480 | 0.025 | 0.325 | 335.0 | 23.0 | | |
| 27 | 09 | 76 | 1245 | | | .3 | 0.140 | 0.017 | 0.061 | 1.180 | 0.017 | 0.348 | 342.0 | 29.0 | | |
| 18 | 10 | 76 | 1350 | | | .3 | 0.080 | 0.008 | 0.002 | 1.040 | 0.092 | 1.560 | 424.0 | 18.0 | | |
| 18 | 11 | 76 | 1250 | | | .3 | 0.054 | 0.014 | 0.040 | 0.940 | 0.053 | 4.500 | 375.0 | 8.7 | | |
| 15 | 12 | 76 | 1400 | | | .3 | 0.086 | 0.026 | 0.002 | 0.960 | 0.021 | 0.900 | 351.0 | 9.4 | | |
| MAXIMUM | | | | | | | 0.308 | 0.098 | 0.172 | 1.620 | 0.130 | 4.500 | 474.0 | 154.0 | | 234 |
| AVG OR GEOM MN (*) | | | | | | | 0.145 | 0.038 | 0.079 | 1.193 | 0.042 | 1.205 | 335.0 | 46.6 | | 164 |
| MINIMUM | | | | | | | 0.054 | 0.008 | 0.002 | 0.940 | 0.011 | 0.029 | 189.0 | 8.7 | | 107 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 26 | 01 | 76 | 1345 | | | .3 | 360 | 110.00 | 8.5 | | | | | | | |
| 19 | 02 | 76 | 1355 | | | .3 | 165 | 180.00 | 6.4 | | | | | | | |
| 11 | 03 | 76 | 1100 | | | .3 | 230 | 150.00 | 7.3 | | | | | | | |
| 07 | 04 | 76 | 1305 | | | .3 | 365 | 59.00 | 8.2 | | | | | | | |
| 19 | 05 | 76 | 1205 | | | .3 | 440 | 60.00 | 10.0 | | | | | 8.00 | | |
| 14 | 06 | 76 | 1240 | | | .3 | 435 | 23.00 | 18.0 | | | | | 7.82 | | |
| 21 | 07 | 76 | 1300 | | | .3 | 420 | 140.00 | 13.0 | | | | | 7.87 | | |
| 18 | 08 | 76 | 1300 | | | .3 | 470 | 25.00 | 14.5 | | | | | | | |
| 27 | 09 | 76 | 1245 | | | .3 | 475 | 38.00 | 17.5 | | | | | 7.65 | | |
| 18 | 10 | 76 | 1350 | | | .3 | 580 | 26.00 | 33.0 | | | | | 8.09 | | |
| 18 | 11 | 76 | 1250 | | | .3 | 530 | 33.00 | 19.0 | | | | | | | |
| 15 | 12 | 76 | 1400 | | | .3 | 520 | 22.00 | 17.5 | 80.0 | | | | | | |
| MAXIMUM | | | | | | | 580 | 180.00 | 33.0 | 80.0 | | | | 8.09 | | |
| AVG OR GEOM MN (*) | | | | | | | 416 | 72.17 | 14.4 | 80.0 | | | | 7.89 | | |
| MINIMUM | | | | | | | 165 | 22.00 | 6.4 | 80.0 | | | | 7.65 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W./ SITE: CENTRE CREEK
SAMPLE POINT: AT FIRST ROAD UPSTREAM FROM LAKE ERIE
STATION TYPE: RIVER

STATION ID: 16-0163-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CENTRE CREEK

STORET CODE: 02
003
0596

| STN NO | 1 | LAT | LONG | U.T.M. 17 0573200.0 4737650.0 4 | REGION 02 | MILEAGE | 0.10 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 01 76 1400 | | | .3 | | 32398 | 4 | | 6000. | 600. | 4000. | | 0.0 | 11.1 | 2.0 |
| 19 02 76 1405 | | | .3 | | 31352 | 3 | | 1000. | 200. | 4300. | | 1.0 | 13.4 | 3.0 |
| 11 03 76 1110 | | | .3 | | 31392 | 3 0 | | 300. | 120. | 80. | | 2.0 | 12.4 | 3.4 |
| 07 04 76 1315 | | | .3 | | 31432 | 3 | | 100. | 120. | 20. | | 12.0 | 11.8 | 3.2 |
| 19 05 76 1215 | | | .3 | | 31472 | 6 9 0 | | 800. | 140. | 400. | | 8.0 | 9.4 | 11.0 |
| 14 06 76 1250 | | | .3 | | 31516 | 6 | | 2500. | | 1350. | | 25.5 | 10.1 | 2.2 |
| 21 07 76 1310 | | | .3 | | 31556 | 6 | | 10000. | | 1200. | | 24.0 | 5.6 | 7.5 |
| 18 08 76 1310 | | | .3 | | 31593 | 6 9 | | 800. | 1. | 710. | | 25.0 | 10.1 | 2.6 |
| 27 09 76 1250 | | | .3 | | 31630 | 3 | | 27000. | 690. | 2700. | | 13.5 | 10.5 | 1.4 |
| 18 10 76 1355 | | | .3 | | 31667 | 6 9 | | 1000. | 300. | 130. | | 9.4 | 9.3 | 5.0 |
| 18 11 76 1300 | | | .3 | | 31706 | 6 9 | | 40. | 30. | 30. | | 4.0 | 12.1 | 7.4 |
| 15 12 76 1415 | | | .3 | | 31743 | 4 0 | | 600. | 124. | 124. | | 0.0 | 10.9 | 12.0 |
| MAXIMUM | | | | | | | | 27000. | 690. | 4300. | | 25.5 | 13.4 | 12.0 |
| AVG OR GEOM MN (*) | | | | | | | | 1054.* | 106.* | 399.* | | 10.4 | 10.6 | 5.1 |
| MINIMUM | | | | | | | | 40. | 1. | 20. | | 0.0 | 5.6 | 1.4 |
| NO OF SAMPLES | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 01 76 1400 | | | .3 | | 0.230 | 0.070 | 0.700 | 1.900 | 0.046 | 2.000 | 573.0 | 94.0 | | |
| 19 02 76 1405 | | | .3 | | 0.405 | 0.105 | 0.316 | 1.550 | 0.082 | 1.420 | 346.0 | 183.0 | | 163 |
| 11 03 76 1110 | | | .3 | | 0.680 | 0.090 | 0.510 | 1.320 | 0.091 | 0.674 | 685.0 | 223.0 | | |
| 07 04 76 1315 | | | .3 | | 0.118 | 0.012 | 1.320 | 2.140 | 0.410 | 1.500 | 1200.0 | 74.0 | | |
| 19 05 76 1215 | | | .3 | | 0.102 | 0.020 | 0.840 | 1.540 | 0.065 | 0.365 | 2181.0 | 44.0 | | |
| 14 06 76 1250 | | | .3 | | 0.050 | 0.003 | 0.650 | 1.300 | 0.025 | 0.025 | 3054.0 | 14.0 | | |
| 21 07 76 1310 | | | .3 | | 0.280 | 0.004 | 0.680 | 2.300 | 0.130 | 2.150 | 1300.0 | 61.0 | | |
| 18 08 76 1310 | | | .3 | | 0.088 | 0.003 | 0.540 | 1.000 | 0.008 | 0.027 | 2794.0 | 43.0 | | |
| 27 09 76 1250 | | | .3 | | 0.070 | 0.017 | 0.100 | 0.760 | 0.076 | 2.620 | 852.0 | 39.0 | | |
| 18 10 76 1355 | | | .3 | | 0.074 | 0.007 | 0.780 | 1.220 | 0.016 | 0.139 | 2819.0 | 57.0 | | |
| 18 11 76 1300 | | | .3 | | 0.022 | 0.009 | 0.400 | 1.560 | 0.012 | 0.403 | 2497.0 | 18.0 | | |
| 15 12 76 1415 | | | .3 | | 0.090 | 0.024 | 1.480 | 1.840 | 0.016 | 0.014 | 2680.0 | 82.0 | | |
| MAXIMUM | | | | | 0.680 | 0.105 | 1.480 | 2.300 | 0.410 | 2.620 | 3054.0 | 223.0 | | 163 |
| AVG OR GEOM MN (*) | | | | | 0.184 | 0.030 | 0.693 | 1.536 | 0.081 | 0.945 | 1748.4 | 77.7 | | 163 |
| MINIMUM | | | | | 0.022 | 0.003 | 0.100 | 0.760 | 0.008 | 0.014 | 346.0 | 14.0 | | 163 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 26 01 76 1400 | | | .3 | | 720 | 140.00 | 75.0 | | | | | | | |
| 19 02 76 1405 | | | .3 | | 250 | 270.00 | 17.0 | | | | | | | |
| 11 03 76 1110 | | | .3 | | 620 | 250.00 | 83.0 | | | | | | | |
| 07 04 76 1315 | | | .3 | | 1550 | 95.00 | 255.0 | | | | | | | |
| 19 05 76 1215 | | | .3 | | 3000 | 120.00 | 750.0 | | | | | 7.69 | | |
| 14 06 76 1250 | | | .3 | | 3875 | 15.00 | 980.0 | | | | | 8.18 | | |
| 21 07 76 1310 | | | .3 | | 1575 | 120.00 | 305.0 | | | | | 7.88 | | |
| 18 08 76 1310 | | | .3 | | 3850 | 22.00 | 1050.0 | | | | | | | |
| 27 09 76 1250 | | | .3 | | 1070 | 38.00 | 130.0 | | | | | 7.85 | | |
| 18 10 76 1355 | | | .3 | | 3900 | 105.00 | 975.0 | 505.0 | | | | 8.40 | | |
| 18 11 76 1300 | | | .3 | | 3800 | 110.00 | 975.0 | 425.0 | | | | | | |
| 15 12 76 1415 | | | .3 | | 3850 | 120.00 | 975.0 | 335.0 | | | | | | |
| MAXIMUM | | | | | 3900 | 270.00 | 1050.0 | 505.0 | | | | 8.40 | | |
| AVG OR GEOM MN (*) | | | | | 2338 | 117.08 | 547.5 | 421.7 | | | | 8.00 | | |
| MINIMUM | | | | | 250 | 15.00 | 17.0 | 335.0 | | | | 7.69 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 3 | | | | 5 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 26 01 76 1400 | | | .3 | | | | | | | | | | | |
| 19 02 76 1405 | | | .3 | | | | | | | | | | | |
| 11 03 76 1110 | | | .3 | | 1.0 | | | | | | | | | |
| 07 04 76 1315 | | | .3 | | | | | | | | | | | |
| 19 05 76 1215 | | | .3 | | | | | | | | | | | |
| 14 06 76 1250 | | | .3 | | | | | | | | | | | |
| 21 07 76 1310 | | | .3 | | | | | | | | | | | |
| 18 08 76 1310 | | | .3 | | | | | | | | | | | |
| 27 09 76 1250 | | | .3 | | | | | | | | | | | |
| 18 10 76 1355 | | | .3 | | 8.0 | | | | | | | | | |
| 18 11 76 1300 | | | .3 | | 2.0 | | | | | | | | | |
| 15 12 76 1415 | | | .3 | | 3.0 | | | | | | | | | |
| MAXIMUM | | | | | 8.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 3.5 | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 4 | | | | | | | | | |

B.O.W. / SITE: NANTICOKE CREEK
 SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
 STATION TYPE: RIVER FLOW GAUGE FED 02GC022

STATION ID: 16-0164-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
 003
 0550

| STN NO | 1 | LAT | LONG | U.T.M. 17 0575500.0 4730950.0 4 | REGION 02 | MILEAGE | 1.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|-----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M. F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 28 01 76 1145 | | | .3 | | 31317 | 4 | 230.00 | 2400. | 260. | 560. | | 0.0 | 12.5 | 2.0 |
| 24 02 76 1050 | | | .3 | | 31357 | 3 | 359.00 | 2700. | 40. | 20. | | 0.5 | 15.5 | 1.2 |
| 11 03 76 1120 | | | .3 | | 31397 | 3 | 183.00 | 100. | 20. | 160. | | 2.5 | 13.9 | 0.8 |
| 21 04 76 1100 | | | .3 | | 31437 | 6 | 19.80 | 100. | 10. L | 10. L | | 14.5 | 9.3 | 1.8 |
| 19 05 76 1230 | | | .3 | | 31477 | 6 | 140.00 | 1300. | 84. | 48. | | 10.0 | 13.0 | 1.8 |
| 14 06 76 1300 | | | .3 | | 31517 | 5 B | 17.50 | | | | | 22.5 | 9.2 | 1.8 |
| 21 07 76 1325 | | | .3 | | 31557 | 6 | 106.00 | 31000. | | 1500. | | 23.0 | 8.6 | 1.8 |
| 18 08 76 1320 | | | .3 | | 31594 | 6 | 11.10 | 500. | 1. | 520. | | 23.0 | 9.5 | 3.0 |
| 27 09 76 1300 | | | .3 | | 31631 | 3 | 31.20 | 17000. | 312. | 600. G | | 13.0 | 10.4 | 2.4 |
| 18 10 76 1410 | | | .3 | | 31668 | 6 | 15.40 | 90. | 10. | 10. | | 8.8 | 11.4 | 1.4 |
| 18 11 76 1310 | | | .3 | | 31707 | 6 | 18.00 | 20. | 1. | 8. | | 3.5 | 15.4 | 1.8 |
| 15 12 76 1425 | | | .3 | | 31744 | 4 | 17.20 | 30. | 30. | 22. | | 0.0 | 15.4 | 1.0 |
| MAXIMUM | | | | | | | 359.00 | 31000. | 312. | 1500. | | 23.0 | 15.5 | 3.0 |
| AVG OR GEOM MN (%) | | | | | | | 95.68 | 543.9 | 21.0 D | 79.0 E | | 10.1 | 12.0 | 1.7 |
| MINIMUM | | | | | | | 11.10 | 20. | 1. | 8. | | 0.0 | 8.6 | 0.8 |
| NO OF SAMPLES | | | | | | | 12 | 11 | 10 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 28 01 76 1145 | | | .3 | | 0.120 | 0.072 | 0.200 | 0.860 | 0.029 | 3.600 | 342.0 | 14.0 | | |
| 24 02 76 1050 | | | .3 | | 0.100 | 0.022 | 0.032 | 0.710 | 0.017 | 3.880 | 356.0 | 39.0 | | |
| 11 03 76 1120 | | | .3 | | 0.090 | 0.020 | 0.054 | 0.820 | 0.014 | 2.060 | 273.0 | 23.0 | | 250 |
| 21 04 76 1100 | | | .3 | | 0.058 | 0.004 | 0.002L | 0.700 | 0.012 | 0.603 | 391. | 26. | | |
| 19 05 76 1230 | | | .3 | | 0.038 | 0.005 | 0.002 | 0.740 | 0.025 | 1.130 | 380.0 | 14.0 | | |
| 14 06 76 1300 | | | .3 | | 0.046 | 0.006 | 0.002L | 0.640 | 0.002 | 0.005L | 400.0 | 14.0 | | |
| 21 07 76 1325 | | | .3 | | 0.455 | 0.089 | 0.070 | 2.550 | 0.052 | 3.350 | 617.0 | 237.0 | | |
| 18 08 76 1320 | | | .3 | | 0.146 | 0.005 | 0.004 | 1.520 | 0.003 | 0.005L | 443.0 | 95.0 | | |
| 27 09 76 1300 | | | .3 | | 0.162 | 0.036 | 0.055 | 1.120 | 0.030 | 2.570 | 513.0 | 84.0 | | |
| 18 10 76 1410 | | | .3 | | 0.034 | 0.006 | 0.002L | 0.240 | 0.006 | 0.449 | 414.0 | 10.0 | | |
| 18 11 76 1310 | | | .3 | | 0.034 | 0.004 | 0.012 | 0.540 | 0.004 | 0.806 | 439.0 | 14.0 | | |
| 15 12 76 1425 | | | .3 | | 0.026 | 0.005 | 0.036 | 0.470 | 0.006 | 0.959 | 475.0 | 5.2 | | |
| MAXIMUM | | | | | 0.455 | 0.089 | 0.200 | 2.550 | 0.052 | 3.880 | 617.0 | 237.0 | | 250 |
| AVG OR GEOM MN (%) | | | | | 0.109 | 0.023 | 0.039D | 0.909 | 0.017 | 1.618D | 420.3 | 47.9 | | 250 |
| MINIMUM | | | | | 0.026 | 0.004 | 0.002 | 0.240 | 0.002 | 0.005 | 273.0 | 5.2 | | 250 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 28 01 76 1145 | | | .3 | | 475 | 27.00 | 26.0 | | | | | | | |
| 24 02 76 1050 | | | .3 | | 450 | 27.00 | 16.5 | | | | | | | |
| 11 03 76 1120 | | | .3 | | 385 | 40.00 | 12.0 | | | | | | | |
| 21 04 76 1100 | | | .3 | | 550 | 18.00 | 27.5 | | | | | | | |
| 19 05 76 1230 | | | .3 | | 550 | 13.00 | 20.0 | | | | | 8.65 | | |
| 14 06 76 1300 | | | .3 | | 580 | 15.00 | 27.5 | | | | | 8.39 | | |
| 21 07 76 1325 | | | .3 | | 426 | 210.00 | 19.0 | | | | | 7.94 | | |
| 18 08 76 1320 | | | .3 | | 530 | 20.00 | 31.5 | | | | | | | |
| 27 09 76 1300 | | | .3 | | 620 | 85.00 | 48.0 | | | | | 8.43 | | |
| 18 10 76 1410 | | | .3 | | 600 | 12.00 | 39.0 | | | | | 7.87 | | |
| 18 11 76 1310 | | | .3 | | 600 | 12.00 | 33.5 | | | | | | | |
| 15 12 76 1425 | | | .3 | | 700 | 5.20 | 36.5 | 85.0 | | | | | | |
| MAXIMUM | | | | | 700 | 210.00 | 48.0 | 85.0 | | | | 8.65 | | |
| AVG OR GEOM MN (%) | | | | | 539 | 40.35 | 28.1 | 85.0 | | | | 8.26 | | |
| MINIMUM | | | | | 385 | 5.20 | 12.0 | 85.0 | | | | 7.87 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W. / SITE: NANTICOKE CREEK
SAMPLE POINT: AT COUNTY ROAD 27 AND 32
STATION TYPE: RIVER

STATION ID: 16-0164-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

| STN NO | 2 | LAT | LONG | U.T.M. 17 0570400.0 4747850.0 4 | REGION 02 | MILEAGE | 11.10 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 28 01 | 76 | 1100 | | | .3 | | 31315 | 4 | | 200. | 40. | 170. | | 0.0 | 13.4 | 2.0 |
| 24 02 | 76 | 0955 | | | .3 | | 31355 | 4 | | 3700. | 10. | 30. | | 0.0 | 13.3 | 1.4 |
| 11 03 | 76 | 1020 | | | .3 | | 31395 | 6 | | 100. | 70. | 120. | | 1.5 | 13.9 | 1.2 |
| 21 04 | 76 | 1015 | | | .3 | | 31435 | 6 | | 100. | 10. | 60. | | 15.5 | 7.2 | 2.0 |
| 19 05 | 76 | 1020 | | | .3 | | 31475 | 6 | | 800. | 144. | 40. | | 8.5 | 9.8 | 3.0 |
| 14 06 | 76 | 1015 | | | .3 | | 31511 | 6 | | 1100. | | 368. | | 22.5 | 6.6 | 4.0 |
| 21 07 | 76 | 1040 | | | .3 | | 31551 | 6 | | 13000. | | 520. | | 20.5 | 6.8 | 4.2 |
| 24 08 | 76 | 1005 | | | .3 | | 31588 | 6 | | 1100. | | 220. | | 21.5 | 7.7 | 3.8 |
| 27 09 | 76 | 1000 | | | .3 | | 31625 | 6 | | 75000E+3 | 13700. | 600. | G | 12.0 | 8.3 | 2.4 |
| 18 10 | 76 | 1030 | | | .3 | | 31659 | 6 | | 700. | 44. | 72. | | 8.0 | 7.8 | 1.4 |
| 18 11 | 76 | 0950 | | | .3 | | 31698 | 6 9 | | 140. | 24. | 20. | | 0.5 | 12.7 | 1.5 |
| 15 12 | 76 | 1005 | | | .3 | | 31735 | 4 | | 400. | 12. | 4. | | 0.0 | 12.1 | 0.8 |
| | | | | | | | | | | 75000E+3 | 13700. | 600. | | 22.5 | 13.9 | 4.2 |
| MAXIMUM | | | | | | | | | | 1596.* | 58.* D | 88.* U | | 9.2 | 10.0 | 2.3 |
| AVG OR GEOM MN (*) | | | | | | | | | | 100. | 10. | 4. | | 0.0 | 6.6 | 0.8 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 28 01 | 76 | 1100 | | | .3 | | 0.083 | 0.056 | 0.220 | 0.720 | 0.023 | 3.500 | 434.0 | 3.0 | | |
| 24 02 | 76 | 0955 | | | .3 | | 0.250 | 0.014 | 0.020 | 1.100 | 0.014 | 3.040 | 488.0 | 157.0 | | |
| 11 03 | 76 | 1020 | | | .3 | | 0.040 | 0.011 | 0.024 | 0.480 | 0.010 | 2.270 | 272.0 | 8.8 | | 263 |
| 21 04 | 76 | 1015 | | | .3 | | 0.138 | 0.006 | 0.002L | 1.200 | 0.025 | 0.920 | 414.0 | 40.0 | | |
| 19 05 | 76 | 1020 | | | .3 | | 0.044 | 0.005 | 0.006 | 0.690 | 0.024 | 1.550 | 390.0 | 7.6 | | |
| 14 06 | 76 | 1015 | | | .3 | | 0.154 | 0.010 | 0.002L | 1.700 | 0.015 | 0.280 | 453.0 | 51.0 | | |
| 21 07 | 76 | 1040 | | | .3 | | 0.254 | 0.034 | 0.020 | 0.790 | 0.029 | 1.650 | 561.0 | 161.0 | | |
| 24 08 | 76 | 1005 | | | .3 | | 0.235 | 0.009 | 0.006 | 1.350 | 0.006 | 0.005L | 417.0 | 70.0 | | |
| 27 09 | 76 | 1000 | | | .3 | | 0.172 | 0.037 | 0.019 | 1.260 | 0.028 | 1.920 | 463.0 | 53.0 | | |
| 18 10 | 76 | 1030 | | | .3 | | 0.058 | 0.011 | 0.004 | 0.640 | 0.012 | 0.753 | 406.0 | 13.0 | | |
| 18 11 | 76 | 0950 | | | .3 | | 0.042 | 0.009 | 0.010 | 0.560 | 0.010 | 0.090 | 410.0 | 10.0 | | |
| 15 12 | 76 | 1005 | | | .3 | | 0.043 | 0.014 | 0.178 | 0.680 | 0.008 | 1.320 | 508.0 | 6.2 | | |
| | | | | | | | 0.254 | 0.056 | 0.220 | 1.700 | 0.029 | 3.500 | 561.0 | 161.0 | | 263 |
| MAXIMUM | | | | | | | 0.126 | 0.018 | 0.043D | 0.931 | 0.017 | 1.442D | 434.7 | 48.4 | | 263 |
| AVG OR GEOM MN (*) | | | | | | | 0.040 | 0.005 | 0.002 | 0.480 | 0.006 | 0.005 | 272.0 | 3.0 | | 263 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 28 01 | 76 | 1100 | | | .3 | | 620 | 6.90 | 31.0 | | | | | | | |
| 24 02 | 76 | 0955 | | | .3 | | 460 | 51.00 | 16.5 | | | | | | | |
| 11 03 | 76 | 1020 | | | .3 | | 405 | 8.00 | 18.0 | | | | | | | |
| 21 04 | 76 | 1015 | | | .3 | | 550 | 22.00 | 30.0 | | | | | | | |
| 19 05 | 76 | 1020 | | | .3 | | 550 | 7.00 | 18.5 | | | | | | | |
| 14 06 | 76 | 1015 | | | .3 | | 580 | 32.00 | 31.0 | | | | | | | |
| 21 07 | 76 | 1040 | | | .3 | | 520 | 68.00 | 22.0 | | | | | | | |
| 24 08 | 76 | 1005 | | | .3 | | 520 | 36.00 | 31.5 | | | | | | | |
| 27 09 | 76 | 1000 | | | .3 | | 600 | 49.00 | 42.0 | | | | | | | |
| 18 10 | 76 | 1030 | | | .3 | | 620 | 16.00 | 35.5 | | | | | | | |
| 18 11 | 76 | 0950 | | | .3 | | 630 | 2.60 | 32.0 | | | | | | | |
| 15 12 | 76 | 1005 | | | .3 | | 730 | 5.00 | 38.0 | 90.0 | | | | | | |
| | | | | | | | 730 | 68.00 | 42.0 | 90.0 | | | | 8.47 | | |
| MAXIMUM | | | | | | | 565 | 25.29 | 28.8 | 90.0 | | | | 8.16 | | |
| AVG OR GEOM MN (*) | | | | | | | 405 | 2.60 | 16.5 | 90.0 | | | | 7.91 | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 1 | | | | 6 | | |

B.O.W. / SITE: NANTICOKE CREEK
SAMPLE POINT: AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD
STATION TYPE: RIVER

STATION ID: 16-0164-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

| STN NO | | 3 | | LAT | | LONG | | U.T.M. 17 0559350.0 4754200.0 4 | | | | REGION 02 | | MILEAGE | | 24.40 | | | | | | | | | | | | | |
|---------------|----|----------|------|---------|--|------------|----|---------------------------------|--|---------------|---|-----------|--|--------------|--|----------------------------|------|----------------------------|--|-------------------------|--|------------------------|------|-----------------------|-----|-----------------|--|------------------|--|
| SAMP DTE HOUR | | STN DIST | | STN BRG | | SAMP DEPTH | | PJ | | 934 SAMPLE NO | | 901 SCD | | 444 FLOW CFS | | 80 TOTAL COLIFORM MF/100ML | | 81 FECAL COLIFORM MF/100ML | | 84 M.F. ENTER. MF/100ML | | 88 PSEUD. MPA MF/100ML | | 805 WATER TEMP. DEG C | | 3 DISS. 02 MG/L | | 1 5-DAY BOD MG/L | |
| 28 | 01 | 76 | 1115 | | | | .3 | | | 31316 | 6 | | | | | 300. | 220. | 160. | | | | | 0.5 | 12.0 | 1.0 | | | | |
| 24 | 02 | 76 | 1025 | | | | .3 | | | 31356 | 6 | | | | | 11500. | 40. | 50. | | | | | 1.5 | 12.3 | 1.2 | | | | |
| 11 | 03 | 76 | 1040 | | | | .3 | | | 31396 | 6 | | | | | 100. | 20. | 20. | | | | | 2.0 | 14.2 | 0.6 | | | | |
| 21 | 04 | 76 | 1035 | | | | .3 | | | 31436 | 6 | | | | | 300. | 8. | 76. | | | | | 17.5 | 8.0 | 2.8 | | | | |
| 19 | 05 | 76 | 1050 | | | | .3 | | | 31476 | 6 | | | | | 600. | 24. | 12. | | | | | 11.0 | 9.3 | 2.6 | | | | |
| 14 | 06 | 76 | 1035 | | | | .3 | | | 31512 | 6 | | | | | 1600. | | 192. | | | | | 23.0 | 8.6 | 5.0 | | | | |
| 21 | 07 | 76 | 1115 | | | | .3 | | | 31552 | 6 | | | | | 13000. | | 300. | | | | | 20.5 | 7.6 | 5.0 | | | | |
| 24 | 08 | 76 | 1025 | | | | .3 | | | 31589 | 6 | | | | | 900. | | 270. | | | | | 24.0 | 7.5 | 3.0 | | | | |
| 27 | 09 | 76 | 1020 | | | | .3 | | | 31626 | 6 | | | | | 42000. | 2000 | 1040. | | | | | 12.5 | 8.7 | 2.4 | | | | |
| 18 | 10 | 76 | 1045 | | | | .3 | | | 31660 | 6 | | | | | 3300. | 52. | 92. | | | | | 10.0 | 8.2 | 2.0 | | | | |
| 18 | 11 | 76 | 1005 | | | | .3 | | | 31699 | 6 | | | | | 1100. | 36. | 4. | | | | | 3.0 | 12.6 | 2.2 | | | | |
| 15 | 12 | 76 | 1025 | | | | .3 | | | 31736 | 6 | | | | | 800. | 36. | 12. | | | | | 3.5 | 13.2 | 1.6 | | | | |

| | | | | | | |
|--------------------|--------|-------|-------|------|------|-----|
| MAXIMUM | 42000. | 2000. | 1040. | 24.0 | 14.2 | 5.0 |
| AVG OR GEOM MN (*) | 1511.* | 55.* | 68.* | 10.8 | 10.2 | 2.5 |
| MINIMUM | 100. | 8. | 4. | 0.5 | 7.5 | 0.6 |
| NO OF SAMPLES | 12 | 9 | 12 | 12 | 12 | 12 |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 28 01 76 1115 | | | .3 | | 0.030 | 0.010 | 0.210 | 0.610 | 0.022 | 1.700 | 381.0 | 5.1 | | |
| 24 02 76 1025 | | | .3 | | 0.039 | 0.008 | 0.046 | 0.510 | 0.016 | 1.680 | 271.0 | 11.0 | | 260 |
| 11 03 76 1040 | | | .3 | | 0.033 | 0.003 | 0.020 | 0.480 | 0.008 | 1.390 | 248.0 | 7.1 | | 241 |
| 21 04 76 1035 | | | .3 | | 0.063 | 0.002 | 0.012 | 0.870 | 0.018 | 0.845 | 332.0 | 23.0 | | |
| 19 05 76 1050 | | | .3 | | 0.067 | 0.003 | 0.054 | 0.970 | 0.019 | 0.681 | 348.0 | 20.0 | | |
| 14 06 76 1035 | | | .3 | | 0.134 | 0.004 | 0.020 | 1.180 | 0.042 | 0.788 | 396.0 | 34.0 | | |
| 21 07 76 1115 | | | .3 | | 0.176 | 0.007 | 0.034 | 0.690 | 0.028 | 0.852 | 462.0 | 82.0 | | |
| 24 08 76 1025 | | | .3 | | 0.120 | 0.003 | 0.010 | 0.860 | 0.018 | 0.372 | 382.0 | 49.0 | | |
| 27 09 76 1020 | | | .3 | | 0.101 | 0.003 | 0.044 | 1.020 | 0.016 | 0.799 | 368.0 | 32.0 | | |
| 18 10 76 1045 | | | .3 | | 0.039 | 0.001 | 0.020 | 0.730 | 0.013 | 0.867 | 383.0 | 8.3 | | |
| 18 11 76 1005 | | | .3 | | 0.026 | 0.004 | 0.036 | 0.540 | 0.008 | 0.972 | 386.0 | 6.5 | | |
| 15 12 76 1025 | | | .3 | | 0.028 | 0.004 | 0.048 | 0.540 | 0.011 | 1.220 | 442.0 | 8.2 | | |

| | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|------|-----|
| MAXIMUM | 0.176 | 0.010 | 0.210 | 1.180 | 0.042 | 1.700 | 462.0 | 82.0 | 260 |
| AVG OR GEOM MN (*) | 0.071 | 0.004 | 0.046 | 0.750 | 0.018 | 1.014 | 366.6 | 23.9 | 251 |
| MINIMUM | 0.026 | 0.001 | 0.010 | 0.480 | 0.008 | 0.372 | 248.0 | 5.1 | 241 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 2 |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 CONDO. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|---------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 28 01 76 1115 | | | .3 | | 600 | 5.00 | 17.5 | | | | | | | |
| 24 02 76 1025 | | | .3 | | 400 | 6.50 | 11.5 | | | | | | | |
| 11 03 76 1040 | | | .3 | | 370 | 4.00 | 14.0 | | | | | | | |
| 21 04 76 1035 | | | .3 | | 470 | 7.30 | 17.5 | | | | | | | |
| 19 05 76 1050 | | | .3 | | 490 | 8.00 | 13.0 | | | | | | | |
| 14 06 76 1035 | | | .3 | | 520 | 15.00 | 17.5 | | | | | 8.21 | | |
| 21 07 76 1115 | | | .3 | | 510 | 37.00 | 15.5 | | | | | 8.42 | | |
| 24 08 76 1025 | | | .3 | | 500 | 15.00 | 20.5 | | | | | 8.20 | | |
| 27 09 76 1020 | | | .3 | | 520 | 16.00 | 24.0 | | | | | 8.26 | | |
| 18 10 76 1045 | | | .3 | | 580 | 4.50 | 23.5 | | | | | 8.05 | | |
| 18 11 76 1005 | | | .3 | | 590 | 3.20 | 19.0 | | | | | 8.01 | | |
| 15 12 76 1025 | | | .3 | | 650 | 2.50 | 21.0 | 83.0 | | | | | | |

| | | | | | |
|--------------------|-----|-------|------|------|------|
| MAXIMUM | 650 | 37.00 | 24.0 | 83.0 | 8.42 |
| AVG OR GEOM MN (*) | 517 | 10.33 | 17.9 | 83.0 | 8.19 |
| MINIMUM | 370 | 2.50 | 11.5 | 83.0 | 8.01 |
| NO OF SAMPLES | 12 | 12 | 12 | 1 | 6 |

B.O.W. / SITE: SANDUSK CREEK
 SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11
 STATION TYPE: RIVER

STATION ID: 16-0170-002-82

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SANDUSK CREEK

STORET CODE: 02
 003
 0490

| STN NO | 2 | LAT | LONG | U.T.M. 17 0582200.0 4741550.0 4 | REGION 02 | MILEAGE | 2.80 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 | 01 | 76 | 1200 | | .3 | | 31318 | 4 | | 4400. | 760. | 1300. | | 0.0 | 13.0 | 2.4 |
| 24 | 02 | 76 | 1055 | | .3 | | 31358 | 3 | | 17700. | 630. | 260. | | 0.0 | 13.3 | 1.4 |
| 11 | 03 | 76 | 1130 | | .3 | | 31398 | 3 | | 3800. | 130. | 120. | | 1.5 | 14.8 | 1.2 |
| 21 | 04 | 76 | 1110 | | .3 | | 31438 | 6 | | 300. | 30. | 10. | | 16.5 | 7.0 | 4.8 |
| 19 | 05 | 76 | 1240 | | .3 | | 31476 | 6 | | 1400. | 350. | 110. | | 11.0 | 8.7 | 3.4 |
| 14 | 06 | 76 | 1405 | | .3 | | 31518 | 6 | | | | | | 24.0 | 7.1 | 3.6 |
| 21 | 07 | 76 | 1350 | | .3 | | 31558 | 6 | | 3000. | | 170. | | 24.0 | 9.3 | 2.8 |
| 18 | 08 | 76 | 1345 | | .3 | | 31595 | 6 | | 200. | 1. | 110. | | 23.0 | 7.6 | 2.6 |
| 27 | 09 | 76 | 1310 | | .3 | | 31632 | 3 | | 14600. | 960. | 2800. | | 13.0 | 8.6 | 2.0 |
| 18 | 10 | 76 | 1420 | | .3 | | 31669 | 6 | | 100. | 10. | 10. | | 9.7 | 7.1 | 2.0 |
| 18 | 11 | 76 | 1320 | | .3 | | 31708 | 6 | | 10. | 1. | 16. | | 2.5 | 13.4 | 2.9 |
| 15 | 12 | 76 | 1435 | | .3 | | 31745 | 4 | | 10. | 2. | 26. | | 0.0 | | 4.0 |
| MAXIMUM | | | | | | | | | | 17700. | 960. | 2800. | | 24.0 | 14.8 | 4.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 663.* | 41.* D | 100.* | | 10.4 | 10.0 | 2.8 |
| MINIMUM | | | | | | | | | | 10. | 1. | 10. | | 0.0 | 7.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | | | 11 | 10 | 11 | | 12 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 28 | 01 | 76 | 1200 | | .3 | | 0.140 | 0.084 | 0.700 | 0.950 | 0.040 | 3.100 | 243.0 | 6.6 | | |
| 24 | 02 | 76 | 1055 | | .3 | | 0.255 | 0.105 | 0.298 | 1.600 | 0.061 | 2.390 | 226.0 | 24.0 | | |
| 11 | 03 | 76 | 1130 | | .3 | | 0.192 | 0.096 | 0.296 | 1.300 | 0.045 | 1.230 | 265.0 | 28.0 | | 202 |
| 21 | 04 | 76 | 1110 | | .3 | | 0.162 | 0.006 | 0.044 | 1.460 | 0.005 | 0.005L | 408.0 | 57.0 | | 237 |
| 19 | 05 | 76 | 1240 | | .3 | | 0.138 | 0.016 | 0.024 | 1.480 | 0.028 | 0.567 | 365.0 | 53.0 | | |
| 14 | 06 | 76 | 1405 | | .3 | | 0.125 | 0.025 | 0.020 | 1.200 | 0.003 | 0.005L | 517.0 | 44.0 | | |
| 21 | 07 | 76 | 1350 | | .3 | | 0.134 | 0.009 | 0.004 | 1.420 | 0.022 | 0.588 | 1042.0 | 42.0 | | |
| 18 | 08 | 76 | 1345 | | .3 | | 0.108 | 0.007 | 0.016 | 0.740 | 0.008 | 0.022 | 785.0 | 32.0 | | |
| 27 | 09 | 76 | 1310 | | .3 | | 0.090 | 0.015 | 0.010 | 1.060 | 0.004 | 0.361 | 756.0 | 37.0 | | |
| 18 | 10 | 76 | 1420 | | .3 | | 0.058 | 0.003 | 0.002 | 0.920 | 0.001 | 0.005L | 1045.0 | 13.0 | | |
| 18 | 11 | 76 | 1320 | | .3 | | 0.218 | 0.145 | 0.006 | 1.220 | 0.260 | 0.420 | 942.0 | 14.0 | | |
| 15 | 12 | 76 | 1435 | | .3 | | 0.113 | 0.020 | 0.004 | 1.420 | 0.019 | 0.671 | 1127.0 | 14.0 | | |
| MAXIMUM | | | | | | | 0.255 | 0.145 | 0.700 | 1.600 | 0.260 | 3.100 | 1127.0 | 57.0 | | 237 |
| AVG OR GEOM MN (*) | | | | | | | 0.144 | 0.044 | 0.119 | 1.231 | 0.041 | 0.7800 | 643.4 | 30.4 | | 220 |
| MINIMUM | | | | | | | 0.058 | 0.003 | 0.002 | 0.740 | 0.001 | 0.005 | 228.0 | 6.6 | | 202 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 2 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 28 | 01 | 76 | 1200 | | .3 | | 325 | 30.00 | 15.0 | | | | | | | |
| 24 | 02 | 76 | 1055 | | .3 | | 310 | 160.00 | 16.0 | | | | | | | |
| 11 | 03 | 76 | 1130 | | .3 | | 365 | 120.00 | 10.5 | | | | | | | |
| 21 | 04 | 76 | 1110 | | .3 | | 550 | 38.00 | 26.0 | | | | | | | |
| 19 | 05 | 76 | 1240 | | .3 | | 550 | 55.00 | 24.0 | | | | | | | |
| 14 | 06 | 76 | 1405 | | .3 | | 670 | 45.00 | 27.5 | | | | | 8.34 | | |
| 21 | 07 | 76 | 1350 | | .3 | | 1160 | 35.00 | 97.0 | | | | | 8.25 | | |
| 18 | 08 | 76 | 1345 | | .3 | | 980 | 58.00 | 81.0 | | | | | 8.21 | | |
| 27 | 09 | 76 | 1310 | | .3 | | 1000 | 35.00 | 87.5 | | | | | 8.02 | | |
| 18 | 10 | 76 | 1420 | | .3 | | 1340 | 18.00 | 125.0 | | | | | 8.01 | | |
| 18 | 11 | 76 | 1320 | | .3 | | 1300 | 17.00 | 143.0 | | | | | | | |
| 15 | 12 | 76 | 1435 | | .3 | | 1420 | 9.00 | 153.0 | 405.0 | | | | | | |
| MAXIMUM | | | | | | | 1420 | 160.00 | 153.0 | 405.0 | | | | 8.34 | | |
| AVG OR GEOM MN (*) | | | | | | | 831 | 51.67 | 67.1 | 405.0 | | | | 8.17 | | |
| MINIMUM | | | | | | | 310 | 9.00 | 10.5 | 405.0 | | | | 8.01 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W./ SITE: SANDUSK CREEK
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SANDUSK CREEK

STATION ID: 16-0170-003-02

STORET CODE: 02
 003
 0490

| STN NO | 3 | LAT | LONG | U.T.M. 17 0573350.0 4746900.0 4 | REGION 02 | MILEAGE | 11.00 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | R1 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 28 01 76 1045 | | | .3 | | 31314 | 4 | | 12000. | 2700. | 3400. | | 0.0 | 10.4 | 1.4 |
| 24 02 76 0945 | | | .3 | | 31354 | 4 | | 80000E+1 | 48000. | 4400. | | 0.5 | 9.6 | 5.4 |
| 11 03 76 1015 | | | .3 | | 31394 | 6 | | 18200E+2 | 11000. | 1500. | G | 1.5 | 12.6 | 3.4 |
| 21 04 76 1005 | | | .3 | | 31424 | 5 | | 8000. | 760. | 2000. | | 14.5 | 9.8 | 10.0 |
| 19 05 76 1010 | | | .3 | | 31474 | 6 | | 20000. | 380. | 430. | | | 11.0 | 4.0 |
| 14 06 76 1010 | | | .3 | | 31510 | 1 | | | | | | | | |
| 21 07 76 1025 | | | .3 | | 31550 | 6 | | 50000. | | 3500. | | 20.0 | 5.9 | 4.6 |
| 24 08 76 0955 | | | .3 | | 31587 | 1 | | | | | | | | |
| 27 09 76 0945 | | | .3 | | 31624 | 3 | | 78000. | 6300. | 1500. | G | 12.0 | 7.8 | 2.0 |
| 18 10 76 1025 | | | .3 | | 31658 | 6 | | 500. | 30. | 180. | | 6.5 | 7.4 | 1.6 |
| 18 11 76 0940 | | | .3 | | 31697 | 5 | | 14000E+1 | 19000. | 2100. | | 2.0 | 14.1 | 32.0 |
| 15 12 76 0950 | | | .3 | | 31734 | 4 | | 11000. | 100. | 100. | L | 0.0 | 9.4 | 3.0 |
| MAXIMUM | | | | | | | | 18200E+2 | 48000. | 4400. | | 20.0 | 14.1 | 32.0 |
| AVG OR GEOM MN (*) | | | | | | | | 39117.* | 1742.* | 1144.* | E | 6.3 | 9.8 | 6.7 |
| MINIMUM | | | | | | | | 500. | 30. | 100. | | 0.0 | 5.9 | 1.4 |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 10 | | 9 | 10 | 10 |

B.O.W./ SITE: SANDUSK CREEK
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SANDUSK CREEK

STATION ID: 16-0170-003-02

STORET CODE: 02
 003
 0490

| STN NO | | 3 | | LAT | | LONG | | U.T.M. 17 0573350.0 4746900.0 4 | | | | REGION 02 | | MILEAGE | | 11.00 | |
|--------------------|-----|------|------|------|-----|-------|----|---------------------------------|----------|---------|----------|-----------|----------|---------|--------|--------|----------|
| SAMP | DTE | HOUR | | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | AMMONIA | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | | P | REACTIVE | MG/L | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 | 01 | 76 | 1045 | | | .3 | | 0.190 | 0.100 | 0.420 | 1.500 | 0.046 | 3.200 | 346.0 | 8.1 | | |
| 24 | 02 | 76 | 0945 | | | .3 | | 0.760 | 0.560 | 3.020 | 4.400 | 0.030 | 0.930 | 497.0 | 62.0 | | |
| 11 | 03 | 76 | 1015 | | | .3 | | 0.950 | 0.280 | 1.370 | 2.980 | 0.029 | 0.751 | 336.0 | 29.0 | | |
| 21 | 04 | 76 | 1005 | | | .3 | | 1.720 | 0.875 | 3.700 | 7.000 | 0.650 | 0.335 | 594.0 | 36.0 | | |
| 19 | 05 | 76 | 1010 | | | .3 | | 0.182 | 0.088 | 0.010 | 2.510 | 0.017 | 0.063 | 448.0 | 18.0 | | |
| 14 | 06 | 76 | 1010 | | | .3 | | | | | | | | | | | |
| 21 | 07 | 76 | 1025 | | | .3 | | 0.370 | 0.175 | 0.052 | 1.540 | 0.052 | 2.920 | 448.0 | 48.0 | | |
| 24 | 08 | 76 | 0955 | | | .3 | | | | | | | | | | | |
| 27 | 09 | 76 | 0945 | | | .3 | | 0.242 | 0.140 | 0.006 | 1.220 | 0.026 | 4.070 | 484.0 | 23.0 | | |
| 18 | 10 | 76 | 1025 | | | .3 | | 0.126 | 0.020 | 0.004 | 0.260 | 0.002 | 0.005L | 724.0 | 45.0 | | |
| 18 | 11 | 76 | 0940 | | | .3 | | 3.130 | 0.470 | 0.400 | 14.500 | 0.820 | 0.930 | 776.0 | 140.0 | | |
| 15 | 12 | 76 | 0950 | | | .3 | | 0.090 | 0.080 | 0.960 | 2.000 | 0.006 | 0.059 | 1833.0 | 11.0 | | |
| MAXIMUM | | | | | | | | 3.130 | 0.875 | 3.700 | 14.500 | 0.820 | 4.070 | 1833.0 | 140.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.776 | 0.279 | 0.994 | 3.791 | 0.168 | 1.326D | 648.6 | 42.0 | | |
| MINIMUM | | | | | | | | 0.090 | 0.020 | 0.004 | 0.260 | 0.002 | 0.005 | 336.0 | 8.1 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | |

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 28 01 76 1045 | | | .3 | | 485 | 31.00 | 70.0 | | | | | | | |
| 24 02 76 0945 | | | .3 | | 650 | 60.00 | 65.0 | | | | | | | |
| 11 03 76 1015 | | | .3 | | 430 | 85.00 | 40.0 | | | | | | | |
| 21 04 76 1005 | | | .3 | | 850 | 15.00 | 83.0 | | | | | | | |
| 19 05 76 1010 | | | .3 | | 650 | 30.00 | 50.5 | | | | | | | |
| 21 07 76 1025 | | | .3 | | 460 | 77.00 | 33.0 | | | | | | | |
| 27 09 76 0945 | | | .3 | | 660 | 34.00 | 57.5 | | | | | | | |
| 18 10 76 1025 | | | .3 | | 1020 | 35.00 | 105.0 | | | | | | | |
| 18 11 76 0940 | | | .3 | | 930 | 26.00 | 100.0 | | | | | | | |
| 15 12 76 0950 | | | .3 | | 3000 | 9.00 | 650.0 | 210.0 | | | | | | |
| MAXIMUM | | | | | 3000 | 85.00 | 650.0 | 210.0 | | | | | 8.21 | |
| AVG OR GEOM MN (*) | | | | | 914 | 40.20 | 125.4 | 210.0 | | | | | 7.83 | |
| MINIMUM | | | | | 430 | 9.00 | 33.0 | 210.0 | | | | | 7.56 | |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | 1 | | | | 5 | | |

B.O.W./ SITE: SANDUSK CREEK
 SAMPLE POINT: AT HIGHWAY 3 3.4 MILES EAST OF HIGHWAY 8
 STATION TYPE: RIVER

STATION ID: 16-0170-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: SANDUSK CREEK

STORET CODE: 02
 003
 0490

| STN NO | 4 | LAT | LONG | U.T.M. 17 0577550.0 4749150.0 4 | REGION 02 | MILEAGE | 11.70 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 01 76 1025 | | | .3 | | 31313 | 4 | | 3500. | 800. | 1500. | | 0.0 | 11.3 | 1.6 |
| 24 02 76 0935 | | | .3 | | 31353 | 4 | | 3000. | 110. | 210. | | 0.0 | 11.8 | 1.4 |
| 11 03 76 1005 | | | .3 | | 31393 | 6 | | 1900. | 690. | 780. | | 1.0 | 12.8 | 1.6 |
| 21 04 76 0955 | | | .3 | | 31433 | 6 | | 100. | 10. | 50. | | 12.5 | 6.5 | 2.4 |
| 19 05 76 0950 | | | .3 | | 31473 | 6 | | 2000. | 280. | 150. | | 8.0 | 6.7 | 1.6 |
| 14 06 76 0950 | | | .3 | | 31509 | 6 9 | | 1000. | | 100. | | 21.0 | 8.0 | 2.2 |
| 21 07 76 1005 | | | .3 | | 31549 | 6 | | 6000. | | 230. | | 19.0 | 6.3 | 1.4 |
| 24 08 76 0940 | | | .3 | | 31586 | 6 | | 600. | | 70. | | 21.5 | 5.7 | 0.6 |
| 27 09 76 0940 | | | .3 | | 31623 | 6 | | 2200. | 216. | 820. | | 12.0 | 8.9 | 2.8 |
| 18 10 76 1015 | | | .3 | | 31657 | 6 | | 100. | 24. | 44. | | 8.8 | 8.3 | 1.0 |
| 18 11 76 0930 | | | .3 | | 31696 | 6 | | 20. | 1. | 4. | | 2.5 | 14.4 | 1.4 |
| 15 12 76 0945 | | | .3 | | 31733 | 4 | | 100. | 4. | 20. | | 0.0 | 12.5 | 1.0 |
| MAXIMUM | | | | | | | | 6000. | 800. | 1500. | | 21.5 | 14.4 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | | 656.* | 53.* D | 120.* | | 8.9 | 9.4 | 1.6 |
| MINIMUM | | | | | | | | 20. | 1. | 4. | | 0.0 | 5.7 | 0.6 |
| NO OF SAMPLES | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 28 01 76 1025 | | | .3 | | 0.190 | 0.075 | 0.580 | 2.000 | 0.042 | 3.500 | 328.0 | 16.0 | | |
| 24 02 76 0935 | | | .3 | | 0.162 | 0.064 | 0.138 | 0.940 | 0.035 | 2.010 | 244.0 | 16.0 | | |
| 11 03 76 1005 | | | .3 | | 0.222 | 0.075 | 0.460 | 1.640 | 0.040 | 1.360 | 374.0 | 42.0 | | 228 |
| 21 04 76 0955 | | | .3 | | 0.088 | 0.002 | 0.002L | 0.920 | 0.011 | 0.584 | 1164.0 | 22.0 | | |
| 19 05 76 0950 | | | .3 | | 0.106 | 0.026 | 0.050 | 1.100 | 0.057 | 1.050 | 744.0 | 29.0 | | |
| 14 06 76 0950 | | | .3 | | 0.084 | 0.009 | 0.016 | 0.780 | 0.006 | 0.074 | 2107.0 | 20.0 | | |
| 21 07 76 1005 | | | .3 | | 0.110 | 0.030 | 0.036 | 0.760 | 0.006 | 0.119 | 1174.0 | 14.0 | | |
| 24 08 76 0940 | | | .3 | | 0.035 | 0.013 | 0.008 | 0.220 | 0.003 | 0.005L | 1879.0 | 23.0 | | |
| 27 09 76 0940 | | | .3 | | 0.087 | 0.007 | 0.008 | 0.810 | 0.002 | 0.008 | 1022.0 | 26.0 | | |
| 18 10 76 1015 | | | .3 | | 0.047 | 0.003 | 0.016 | 0.550 | 0.009 | 0.511 | 1379.0 | 12.0 | | |
| 18 11 76 0930 | | | .3 | | 0.028 | 0.002 | 0.018 | 0.570 | 0.011 | 2.790 | 1687.0 | 6.9 | | |
| 15 12 76 0945 | | | .3 | | 0.037 | 0.008 | 3.280 | 9.300 | 0.037 | 1.370 | 2331.0 | 7.3 | | |
| MAXIMUM | | | | | 0.222 | 0.075 | 3.280 | 9.300 | 0.057 | 3.500 | 2331.0 | 42.0 | | 228 |
| AVG OR GEOM MN (*) | | | | | 0.100 | 0.026 | 0.384D | 1.633 | 0.022 | 1.115D | 1202.8 | 19.5 | | 228 |
| MINIMUM | | | | | 0.028 | 0.002 | 0.002 | 0.220 | 0.002 | 0.005 | 244.0 | 6.9 | | 228 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 28 01 76 1025 | | | .3 | | 415 | 39.00 | 29.0 | | | | | | | |
| 24 02 76 0935 | | | .3 | | 350 | 66.00 | 16.5 | | | | | | | |
| 11 03 76 1005 | | | .3 | | 415 | 120.00 | 23.5 | | | | | | | |
| 21 04 76 0955 | | | .3 | | 1400 | 5.10 | 145.0 | | | | | | | |
| 19 05 76 0950 | | | .3 | | 950 | 25.00 | 65.0 | | | | | | | |
| 14 06 76 0950 | | | .3 | | 2450 | 17.00 | 305.0 | | | | | | | |
| 21 07 76 1005 | | | .3 | | 1380 | 12.00 | 125.0 | | | | | | | |
| 24 08 76 0940 | | | .3 | | 2350 | 15.00 | 310.0 | | | | | | | |
| 27 09 76 0940 | | | .3 | | 1300 | 23.00 | 145.0 | | | | | | | |
| 18 10 76 1015 | | | .3 | | 1750 | 9.00 | 178.0 | | | | | | | |
| 18 11 76 0930 | | | .3 | | 2150 | 4.20 | 235.0 | | | | | | | |
| 15 12 76 0945 | | | .3 | | 2850 | 5.60 | 345.0 | 975.0 | | | | | | |
| MAXIMUM | | | | | 2850 | 120.00 | 345.0 | 975.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1480 | 28.41 | 160.2 | 975.0 | | | | | | |
| MINIMUM | | | | | 350 | 4.20 | 16.5 | 975.0 | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 1 | | | | 6 | | |

B.O.W./ SITE: STONEY CREEK
 SAMPLE POINT: AT SELKIRK ROAD RAINHAM TOWNSHIP
 STATION TYPE: RIVER FLOW GAUGE MOE 02GC100

STATION ID: 16-0173-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: STONEY CREEK

STORET CODE: 02
 003
 0450

| STN NO | 1 | LAT | LONG | U.T.M. 17 0587440.0 4742100.0 4 | REGION 02 | MILEAGE | 1.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 28 01 76 1225 | | | .3 | | 31319 | 4 | | 8900. | 710. | 1090. | | 0.0 | 10.0 | 2.2 |
| 24 02 76 1110 | | | .3 | | 31359 | 3 | | 3500. | 50. | 170. | | 0.0 | 12.1 | 1.6 |
| 11 03 76 1145 | | | .3 | | 31399 | 3 | | 1800. | 450. | 190. | | 1.0 | 13.6 | 0.6 |
| 21 04 76 1125 | | | .3 | | 31439 | 6 | | 500. | 10. L | 10. L | | 17.5 | 8.5 | 1.6 |
| 19 05 76 1255 | | | .3 | | 31479 | 6 | | 3000. | 572. | 676. | | 11.0 | 9.2 | 2.2 |
| 14 06 76 1435 | | | .3 | | 31519 | 7 | | 400. | 10. L | 100. | | 25.5 | 13.1 | 1.2 |
| 21 07 76 1410 | | | .3 | | 31559 | 7 9 | | 34000. | | 90. | | 26.5 | 11.4 | 3.6 |
| 18 08 76 1400 | | | .3 | | 31596 | 7 | | 1300. | 1. | 48. | | 25.0 | 12.6 | 1.2 |
| 27 09 76 1320 | | | .3 | | 31633 | 7 | | 64000. | 270. | 260. | | 13.0 | 11.3 | 2.8 |
| 18 10 76 1425 | | | .3 | | 31670 | 5 7 | | 1300. | 40. | 20. | | 8.3 | 8.8 | 1.4 |
| 18 11 76 1330 | | | .3 | | 31709 | 5 7 | | 120. | 1. | 4. | | 4.5 | 14.4 | 2.1 |
| 15 12 76 1450 | | | .3 | | 31746 | 4 | | 600. | 18. | 16. | | 0.0 | 12.3 | 3.0 |
| MAXIMUM | | | | | | | | 64000. | 710. | 1090. | | 26.5 | 14.4 | 3.6 |
| AVG OR GEOM MN (-) | | | | | | | | 2134.* | 37.* D | 75.* D | | 11.0 | 11.4 | 2.0 |
| MINIMUM | | | | | | | | 120. | 1. | 4. | | 0.0 | 8.5 | 0.6 |
| NO OF SAMPLES | | | | | | | | 12 | 11 | 12 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 28 01 76 1225 | | | .3 | | 0.150 | 0.085 | 0.240 | 1.400 | 0.029 | 2.200 | 460.0 | 1.0L | | |
| 24 02 76 1110 | | | .3 | | 0.255 | 0.090 | 0.266 | 1.400 | 0.074 | 1.560 | 120.0 | 16.0 | | 104 |
| 11 03 76 1145 | | | .3 | | 0.136 | 0.063 | 0.104 | 0.800 | 0.028 | 0.812 | 201.0 | 8.9 | | 192 |
| 21 04 76 1125 | | | .3 | | 0.054 | 0.006 | 0.004 | 0.700 | 0.003 | 0.007 | 481.0 | 11.0 | | |
| 19 05 76 1255 | | | .3 | | 0.176 | 0.064 | 0.042 | 1.420 | 0.025 | 0.210 | 426.0 | 33.0 | | |
| 14 06 76 1435 | | | .3 | | 0.036 | 0.011 | 0.002L | 0.760 | 0.001 | 0.005L | 433.0 | 1.9 | | |
| 21 07 76 1410 | | | .3 | | 0.136 | 0.019 | 0.004 | 1.440 | 0.003 | 0.007 | 613.0 | 33.0 | | |
| 18 08 76 1400 | | | .3 | | 0.050 | 0.002 | 0.002 | 0.700 | 0.002 | 0.005L | 812.0 | 6.2 | | |
| 27 09 76 1320 | | | .3 | | 0.070 | 0.013 | 0.004 | 0.900 | 0.002 | 0.008 | 807.0 | 8.6 | | |
| 18 10 76 1425 | | | .3 | | 0.056 | 0.012 | 0.012 | 0.700 | 0.001 | 0.005L | 937.0 | 18.0 | | |
| 18 11 76 1330 | | | .3 | | 0.054 | 0.009 | 0.002 | 0.640 | 0.002 | 0.005L | 1069.0 | 5.4 | | |
| 15 12 76 1450 | | | .3 | | 0.075 | 0.006 | 0.006 | 0.930 | 0.004 | 0.011 | 1523.0 | 9.8 | | |
| MAXIMUM | | | | | 0.255 | 0.090 | 0.266 | 1.440 | 0.074 | 2.200 | 1523.0 | 33.0 | | 192 |
| AVG OR GEOM MN (-) | | | | | 0.104 | 0.032 | 0.057D | 0.989 | 0.015 | 0.403D | 656.8 | 12.7D | | 148 |
| MINIMUM | | | | | 0.036 | 0.002 | 0.002 | 0.640 | 0.001 | 0.005 | 120.0 | 1.0 | | 104 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 28 01 76 1225 | | | .3 | | 580 | 36.00 | 15.0 | | | | | | | |
| 24 02 76 1110 | | | .3 | | 210 | 200.00 | 10.0 | | | | | | | |
| 11 03 76 1145 | | | .3 | | 295 | 80.00 | 8.8 | | | | | | | |
| 21 04 76 1125 | | | .3 | | 700 | 7.20 | 48.0 | | | | | | | |
| 19 05 76 1255 | | | .3 | | 500 | 60.00 | 19.5 | | | | | 8.21 | | |
| 14 06 76 1435 | | | .3 | | 530 | 2.60 | 40.5 | | | | | 8.87 | | |
| 21 07 76 1410 | | | .3 | | 780 | 11.00 | 77.0 | | | | | 8.19 | | |
| 18 08 76 1400 | | | .3 | | 1080 | 6.50 | 145.0 | | | | | | | |
| 27 09 76 1320 | | | .3 | | 1120 | 4.50 | 145.0 | | | | | 8.12 | | |
| 18 10 76 1425 | | | .3 | | 1360 | 20.00 | 190.0 | | | | | 7.80 | | |
| 18 11 76 1330 | | | .3 | | 1900 | 2.20 | 280.0 | | | | | | | |
| 15 12 76 1450 | | | .3 | | 2100 | 5.50 | 250.0 | 530.0 | | | | | | |
| MAXIMUM | | | | | 2100 | 200.00 | 280.0 | 530.0 | | | | 8.87 | | |
| AVG OR GEOM MN (-) | | | | | 930 | 36.29 | 102.4 | 530.0 | | | | 8.24 | | |
| MINIMUM | | | | | 210 | 2.20 | 8.8 | 530.0 | | | | 7.80 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 1 | | | | 5 | | |

B.O.W. / SITE: SUNFISH CREEK
 SAMPLE POINT: AT HILL STREET DUNVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-005-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 5 LAT LONG U.T.M. 17 0613625.0 4750550.0 4 REGION 02 MILEAGE 4.40

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1145 | | | .3 | | 32403 | | | 17200E+1 | 2200. | 200. | | 2.0 | 8.8 | 2.8 |
| 09 | 02 | 76 | 1115 | | | .3 | | 32439 | | | 100. L | 100. L | 100. L | | 1.5 | 10.4 | 1.0 |
| 08 | 03 | 76 | 1110 | | | .3 | | 32475 | | | 2200. | 100. | 100. L | | 1.0 | 10.0 | 1.2 |
| 12 | 04 | 76 | 1100 | | | .3 | | 32524 | | | 100. | 10. | 10. L | | 7.0 | 6.8 | 0.4 |
| 17 | 05 | 76 | 1100 | | | .3 | | 32573 | | | 40000. | 600. | 412. | | 15.0 | 7.4 | 2.4 |
| 21 | 06 | 76 | 1145 | | | .3 | | 32609 | | | 15000. | | 380. | | 17.5 | 5.2 | 1.6 |
| 19 | 07 | 76 | 1105 | | | .3 | | 32645 | | | | | | | 21.5 | 5.8 | 1.4 |
| 23 | 08 | 76 | 1110 | | | .3 | | 32681 | | | 37000. | 3800. | 84. | | 24.0 | 5.6 | 1.0 |
| 20 | 09 | 76 | 1105 | | | .3 | | 32717 | | | 12700E+2 | 10200. | 23000. | | 19.0 | 6.4 | 3.2 |
| 12 | 10 | 76 | 1110 | | | .3 | | 32753 | | | 10. L | 1. | 100. L | | 14.0 | 8.8 | 1.2 |
| 22 | 11 | 76 | 1110 | | | .3 | | 32789 | | | 10. | 1. | 1. | | 5.0 | 8.8 | 0.8 |
| 20 | 12 | 76 | 1120 | | | .3 | | 32824 | | | 91000. | 2200. | 1500. G | | 3.5 | 9.2 | 5.4 |
| MAXIMUM | | | | | | | | | | | 12700E+2 | 10200. | 23000. | | 24.0 | 10.4 | 5.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 3502. * D | 160. * D | 151. * E | | 10.9 | 7.8 | 1.9 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 1.0 | 5.2 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 10 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1145 | | | .3 | | 0.170 | 0.042 | 0.400 | 1.200 | 0.044 | 0.850 | 656.0 | 24.0 | | |
| 09 | 02 | 76 | 1115 | | | .3 | | 0.082 | 0.019 | 0.335 | 0.780 | 0.009 | 0.380 | 323.0 | 16.0 | | |
| 08 | 03 | 76 | 1110 | | | .3 | | 0.119 | 0.057 | 0.310 | 0.840 | 0.018 | 1.780 | 408.0 | 21.0 | | |
| 12 | 04 | 76 | 1100 | | | .3 | | 0.010 | 0.001 | 0.064 | 0.350 | 0.009 | 0.326 | 375.0 | 31.0 | | |
| 17 | 05 | 76 | 1100 | | | .3 | | 0.274 | 0.090 | 0.146 | 1.220 | 0.035 | 0.645 | 409.0 | 32.0 | | |
| 21 | 06 | 76 | 1145 | | | .3 | | 0.176 | 0.052 | 0.040 | 1.040 | 0.008 | 0.152 | 534.0 | 14.0 | | |
| 19 | 07 | 76 | 1105 | | | .3 | | 0.230 | 0.083 | 0.288 | 0.780 | 0.007 | 0.113 | 336.0 | 16.0 | | |
| 23 | 08 | 76 | 1110 | | | .3 | | 0.098 | 0.025 | 0.240 | 0.520 | 0.008 | 0.122 | 275.0 | 20.0 | | |
| 20 | 09 | 76 | 1105 | | | .3 | | 0.340 | 0.130 | 0.204 | 0.840 | 0.023 | 0.422 | 327.0 | 73.0 | | |
| 12 | 10 | 76 | 1110 | | | .3 | | 0.044 | 0.020 | 0.174 | 0.440 | 0.003 | 0.097 | 264.0 | 2.7 | | |
| 22 | 11 | 76 | 1110 | | | .3 | | 0.050 | 0.022 | 0.152 | 0.460 | 0.002 | 0.108 | 241.0 | 6.6 | | |
| 20 | 12 | 76 | 1120 | | | .3 | | 0.715 | 0.230 | 0.224 | 1.450 | 0.053 | 0.747 | 527.0 | 196.0 | | |
| MAXIMUM | | | | | | | | 0.715 | 0.230 | 0.400 | 1.450 | 0.053 | 1.780 | 656.0 | 196.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.192 | 0.064 | 0.215 | 0.827 | 0.018 | 0.479 | 389.6 | 37.7 | | |
| MINIMUM | | | | | | | | 0.010 | 0.001 | 0.040 | 0.350 | 0.002 | 0.097 | 241.0 | 2.7 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1145 | | | .3 | | 1040 | 18.00 | 173.0 | | | | | | | |
| 09 | 02 | 76 | 1115 | | | .3 | | 580 | 8.80 | 60.0 | | | | | | | |
| 08 | 03 | 76 | 1110 | | | .3 | | 650 | 7.30 | 50.0 | | | | | | | |
| 12 | 04 | 76 | 1100 | | | .3 | | 490 | 65.00 | 78.0 | | | | | | | |
| 17 | 05 | 76 | 1100 | | | .3 | | 600 | 6.00 | 30.0 | 70.0 | | | | | | |
| 21 | 06 | 76 | 1145 | | | .3 | | 860 | 11.00 | 155.0 | | | | | | | |
| 19 | 07 | 76 | 1105 | | | .3 | | 485 | 10.00 | 62.0 | | | | | | | |
| 23 | 08 | 76 | 1110 | | | .3 | | 425 | 7.10 | 43.0 | | | | | | | |
| 20 | 09 | 76 | 1105 | | | .3 | | 390 | 43.00 | 39.5 | | | | | | | |
| 12 | 10 | 76 | 1110 | | | .3 | | 540 | 2.80 | 56.0 | | | | | | | |
| 22 | 11 | 76 | 1110 | | | .3 | | 360 | 4.00 | 33.5 | | | | | | | |
| 20 | 12 | 76 | 1120 | | | .3 | | 540 | 140.00 | 95.0 | | | | | | | |
| MAXIMUM | | | | | | | | 1040 | 140.00 | 173.0 | 70.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 580 | 26.92 | 72.9 | 70.0 | | | | | | |
| MINIMUM | | | | | | | | 360 | 2.80 | 30.0 | 70.0 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 1 | | | | | | |

B.O.W./ SITE: SENECA CREEK
 SAMPLE POINT: AT KINCARDINE STREET CALIDONIA
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-0184-007-02

STORET CODE: 02
 003
 0150

| STN NO | 7 | LAT | LONG | U.T.M. 17 0586500.0 4768875.0 4 | REGION 02 | MILEAGE | 30.70 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1035 | | | .3 | | 32402 | 4 | | 6200. | 400. | 100. | L | 0.0 | 6.4 | 1.6 |
| 09 02 76 1020 | | | .3 | | 32438 | 4 | | 2100. | 100. | 100. | L | 0.0 | 8.2 | 0.8 |
| 08 03 76 1010 | | | .3 | | 32474 | | | 2400. | 100. | 400. | | 0.0 | 11.2 | 0.4 |
| 12 04 76 1005 | | | .3 | | 32523 | | | 9100. | 12. | 1. | | 5.0 | 7.0 | 0.4 |
| 17 05 76 1000 | | | .3 | | 32572 | | | 800. | 132. | 52. | | 15.0 | 7.2 | 2.4 |
| 21 06 76 1100 | | | .3 | | 32608 | | | 300. | | 156. | | 18.0 | 4.4 | 1.6 |
| 19 07 76 1020 | | | .3 | | 32644 | | | | | | | 21.0 | 7.0 | 0.6 |
| 23 08 76 1015 | | | .3 | | 32680 | | | 1300. | 144. | 40. | | 21.0 | 6.0 | 0.4 |
| 20 09 76 1020 | | | .3 | | 32716 | | | 3800. | 960. | 536. | | 18. | 3.2 | 0.6 |
| 12 10 76 1030 | | | .3 | | 32752 | | | 1700. | 280. | 10. | | 8.5 | 7.4 | 1.2 |
| 22 11 76 1050 | | | .3 | | 32786 | | | 1500. | 140. | 4. | | 1.0 | 7.8 | 0.8 |
| 20 12 76 1035 | | | .3 | | 32823 | | | 10700E+1 | 7400. | 1500. | G | 0.5 | 9.2 | 4.4 |
| MAXIMUM | | | | | | | | 10700E+1 | 7400. | 1500. | | 21.0 | 11.2 | 4.4 |
| AVG OR GEOM MN (*) | | | | | | | | 2827.* | 219.* D | 61.* E | | 9.0 | 7.1 | 1.3 |
| MINIMUM | | | | | | | | 300. | 12. | 1. | | 0.0 | 3.2 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 10 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 1035 | | | .3 | | 0.044 | 0.014 | 0.130 | 0.560 | 0.015 | 0.980 | 1934.0 | 14.0 | | |
| 09 02 76 1020 | | | .3 | | 0.050 | 0.014 | 0.075 | 0.580 | 0.017 | 1.030 | 1700.0 | 12.0 | | |
| 08 03 76 1010 | | | .3 | | 0.118 | 0.030 | 0.090 | 0.700 | 0.019 | 1.730 | 630.0 | 29.0 | | |
| 12 04 76 1005 | | | .3 | | 0.026 | 0.002 | 0.004 | 0.300 | 0.006 | 0.234 | 2252.0 | 24.0 | | |
| 17 05 76 1000 | | | .3 | | 0.120 | 0.014 | 0.090 | 0.740 | 0.021 | 0.284 | 1453.0 | 51.0 | | |
| 21 06 76 1100 | | | .3 | | 0.058 | 0.014 | 0.074 | 0.280 | 0.027 | 0.203 | 2463.0 | 23.0 | | |
| 19 07 76 1020 | | | .3 | | 0.058 | 0.009 | 0.044 | 0.420 | 0.004 | 0.016 | 2425.0 | 25.0 | | |
| 23 08 76 1015 | | | .3 | | 0.052 | 0.008 | 0.046 | 0.240 | 0.003 | 0.017 | 2458.0 | 58.0 | | |
| 20 09 76 1020 | | | .3 | | 0.066 | 0.020 | 0.052 | 0.320 | 0.005 | 0.095 | 2322.0 | 31.0 | | |
| 12 10 76 1030 | | | .3 | | 0.029 | 0.009 | 0.016 | 0.200 | 0.005 | 0.055 | 2406.0 | 7.4 | | |
| 22 11 76 1050 | | | .3 | | 0.019 | 0.006 | 0.420 | 0.440 | 0.074 | 1.500 | 2457.0 | 7.0 | | |
| 20 12 76 1035 | | | .3 | | 0.224 | 0.082 | 0.600 | 1.640 | 0.042 | 0.813 | 1975.0 | 113.0 | | |
| MAXIMUM | | | | | 0.224 | 0.082 | 0.600 | 1.640 | 0.074 | 1.730 | 2463.0 | 113.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.072 | 0.019 | 0.137 | 0.535 | 0.020 | 0.580 | 2039.6 | 32.9 | | |
| MINIMUM | | | | | 0.019 | 0.002 | 0.004 | 0.200 | 0.003 | 0.016 | 630.0 | 7.0 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 1035 | | | .3 | | 2000 | 7.50 | 43.5 | | | | | | | |
| 09 02 76 1020 | | | .3 | | 1850 | 6.00 | 46.0 | | | | | | | |
| 08 03 76 1010 | | | .3 | | 800 | 36.00 | 27.0 | | | | | | | |
| 12 04 76 1005 | | | .3 | | 2250 | 5.50 | 39.0 | | | | | | | |
| 17 05 76 1000 | | | .3 | | 1600 | 35.00 | 33.0 | 800.0 | | | | | | |
| 21 06 76 1100 | | | .3 | | 2400 | 19.00 | 45.0 | | | | | | | |
| 19 07 76 1020 | | | .3 | | 2500 | 19.00 | 43.0 | | | | | | | |
| 23 08 76 1015 | | | .3 | | 2500 | 22.00 | 44.5 | | | | | | | |
| 20 09 76 1020 | | | .3 | | 2450 | 25.00 | 49.5 | | | | | | | |
| 12 10 76 1030 | | | .3 | | 2750 | 5.60 | 51.0 | | | | | | | |
| 22 11 76 1050 | | | .3 | | 2550 | 4.40 | 55.0 | | | | | | | |
| 20 12 76 1035 | | | .3 | | 2150 | 95.00 | 65.0 | | | | | | | |
| MAXIMUM | | | | | 2750 | 95.00 | 65.0 | 800.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | 2150 | 23.33 | 45.1 | 800.0 | | | | | | |
| MINIMUM | | | | | 800 | 4.40 | 27.0 | 800.0 | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 1 | | | | | | |

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: AT HIGHWAY 24A PARIS
 STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 9 | LAT | LONG | U.T.M. 17 0550125.0 4782150.0 4 | REGION 02 | MILEAGE | 75.30 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|-------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 12 01 76 1525 | | | .3 | | 32407 | 4 | | 670. | 10. | 10. | | 0.0 | 8.0 | |
| 09 02 76 1450 | | | .3 | | 32443 | | | 30. | 10. | 10. | | 0.0 | 8.2 | 0.8 |
| 08 03 76 1345 | | | .3 | | 32479 | | | 1900. | 110. | 70. | | 0.0 | 10.2 | |
| 12 04 76 1335 | | | .3 | | 32528 | | | 1200. | 1. | 1. | | 5.0 | 11.0 | 0.4 |
| 17 05 76 1325 | | | .3 | | 32577 | | | 200. | 8. | 4. | | 17.5 | 11.4 | |
| 21 06 76 1405 | | | .3 | | 32613 | | | 5300. | | 28. | | 19.5 | 7.8 | 0.6 |
| 19 07 76 1345 | | | .3 | | 32649 | | | | | | | 24.5 | 9.2 | |
| 23 08 76 1345 | | | .3 | | 32685 | | | 230. | 4. | 1. | | 24.0 | 7.6 | 1.2 |
| 20 09 76 1400 | | | .3 | | 32721 | | | 900. | 140. | 8. | | 20.0 | 7.4 | 1.6 |
| 12 10 76 1400 | | | .3 | | 32757 | | | 50. | 1. | 24. | | 11.0 | 10.0 | |
| 22 11 76 1345 | | | .3 | | 32793 | | | 570. | 12. | 1. | | 2.0 | 10.8 | |
| 20 12 76 1320 | | | .3 | | 32828 | | | 600. | 64. | 132. | | 0.5 | 9.6 | 0.8 |
| MAXIMUM | | | | | | | | 5300. | 140. | 132. | | 24.5 | 11.4 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 455.* | 11.* D | 9.* | | 10.3 | 9.3 | 0.9 |
| MINIMUM | | | | | | | | 30. | 1. | 1. | | 0.0 | 7.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | 11 | 10 | 11 | | 12 | 12 | 6 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 1525 | | | .3 | | | | | | | | | | | |
| 09 02 76 1450 | | | .3 | | 0.048 | 0.022 | 0.090 | 0.420 | 0.034 | 3.470 | 566.0 | 6.9 | | |
| 08 03 76 1345 | | | .3 | | | | | | | | | | | |
| 12 04 76 1335 | | | .3 | | 0.040 | 0.010 | 0.008 | 0.360 | 0.009 | 3.200 | 447.0 | 7.2 | | |
| 17 05 76 1325 | | | .3 | | 0.026 | 0.003 | 0.032 | 0.460 | 0.014 | 2.190 | | | | |
| 21 06 76 1405 | | | .3 | | 0.044 | 0.002 | 0.006 | 0.540 | 0.011 | 1.820 | 562.0 | 14.0 | | |
| 19 07 76 1345 | | | .3 | | | | | | | | | | | |
| 23 08 76 1345 | | | .3 | | 0.040 | 0.003 | 0.020 | 0.600 | 0.008 | 1.090 | 452.0 | 17.0 | | |
| 20 09 76 1400 | | | .3 | | 0.058 | 0.002 | 0.014 | 0.640 | 0.007 | 1.120 | 444.0 | 31.0 | | |
| 12 10 76 1400 | | | .3 | | | | | | | | | | | |
| 22 11 76 1345 | | | .3 | | | | | | | | | | | |
| 20 12 76 1320 | | | .3 | | 0.018 | 0.003 | 0.014 | 0.200 | 0.012 | 3.490 | 540.0 | 7.4 | | |
| MAXIMUM | | | | | | | | 0.640 | 0.034 | 3.490 | 566.0 | 31.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.460 | 0.014 | 2.340 | 501.8 | 13.9 | | |
| MINIMUM | | | | | | | | 0.200 | 0.007 | 1.090 | 444.0 | 6.9 | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 6 | 6 | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 1525 | | | .3 | | 760 | | | 125.0 | 4.40 | | | | | |
| 09 02 76 1450 | | | .3 | | 740 | 5.00 | 17.0 | 110.0 | 4.10 | 4.0 | 246 | 8.00 | 0.37 | |
| 08 03 76 1345 | | | .3 | | | | | 31.5 | 2.50 | | | | | |
| 12 04 76 1335 | | | .3 | | 650 | 5.10 | 16.0 | 106.0 | | 0.0 | 224 | 8.80 | | 0.30 |
| 17 05 76 1325 | | | .3 | | 600 | | | 95.0 | 0.70 | | | | | |
| 21 06 76 1405 | | | .3 | | 690 | 5.80 | 17.5 | 140.0 | 4.10 | 2.5 | 202 | 8.29 | | 0.430 |
| 19 07 76 1345 | | | .3 | | | | | 44.0 | 3.40 | | | | | |
| 23 08 76 1345 | | | .3 | | 660 | 7.50 | 17.5 | 140.0 | 2.60 | 0.0 | 174 | 8.23 | | 0.410 |
| 20 09 76 1400 | | | .3 | | 590 | 16.00 | 18.0 | 93.0 | 3.20 | 0.0 | 176 | 8.41 | | 0.720 |
| 12 10 76 1400 | | | .3 | | | | | 135.0 | 2.85 | | | | | |
| 22 11 76 1345 | | | .3 | | 750 | | | 155.0 | 1.20 | | | | | |
| 20 12 76 1320 | | | .3 | | 770 | 3.80 | 19.5 | 148.0 | 3.35 | 6.0 | 231 | 8.10 | | 0.300 |
| MAXIMUM | | | | | | | | 155.0 | 4.40 | 6.0 | 246 | 8.80 | 0.37 | 0.720 |
| AVG OR GEOM MN (*) | | | | | | | | 110.2 | 2.95 | 2.1 | 209 | 8.31 | 0.37 | 0.432 |
| MINIMUM | | | | | | | | 31.5 | 0.70 | 0.0 | 174 | 8.00 | 0.37 | 0.30 |
| NO OF SAMPLES | | | | | | | | 12 | 11 | 6 | 6 | 6 | 1 | 5 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 12 01 76 1525 | | | .3 | | 1.0L | | 106.00 | 27.00 | | 2.10 | 9.50 | | 16 | |
| 09 02 76 1450 | | | .3 | | 1.0L | 414.0 | 122.00 | 26.50 | 10 | 2.35 | 9.10 | | 20 | |
| 08 03 76 1345 | | | .3 | | 1.0L | | 56.00 | 11.50 | | 2.50 | 4.90 | | 20 | |
| 12 04 76 1335 | | | .3 | | 1.0L | 340.0 | 100.00 | 22.00 | 5 | 1.98 | 8.70 | | 20 | |
| 17 05 76 1325 | | | .3 | | 1.0L | | 94.00 | 23.60 | | 1.85 | 0.91 | | 10L | |
| 21 06 76 1405 | | | .3 | | 1.0L | 371.0 | 100.00 | 29.50 | 15 | 2.05 | 10.10 | 3 | 18 | |
| 19 07 76 1345 | | | .3 | | 1.0L | | 100.00 | 27.60 | | 1.85 | 10.00 | | 28 | |
| 23 08 76 1345 | | | .3 | | 1.0 | 344.0 | 97.00 | 26.00 | 30 | 2.05 | 9.20 | | 14 | |
| 20 09 76 1400 | | | .3 | | 1.0L | 305.0 | 86.00 | 22.00 | 40 | 3.25 | 8.90 | | 20 | |
| 12 10 76 1400 | | | .3 | | 1.0L | | 100.00 | 28.00 | | 3.25 | 11.50 | | 20 | |
| 22 11 76 1345 | | | .3 | | 1.0L | | 103.00 | 28.50 | | 2.35 | 11.50 | | 10 | |
| 20 12 76 1320 | | | .3 | | 1.0L | 414.0 | 119.00 | 28.50 | 20 | 2.20 | 10.50 | | 26 | |
| MAXIMUM | | | | | | | | 29.50 | 40 | 3.25 | 11.50 | 3 | 28 | |
| AVG OR GEOM MN (*) | | | | | | | | 25.06 | 20 | 2.32 | 8.73 | 3 | 190 | |
| MINIMUM | | | | | | | | 11.50 | 5 | 1.85 | 0.91 | 3 | 10 | |
| NO OF SAMPLES | | | | | | | | 12 | 6 | 12 | 12 | 1 | 12 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MANGANESE MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------------|
| 12 | 01 | 76 | 1525 | | | | .3 | | | 0.220 | | 0.030 | | | 0.010L | 0.022 | 0.020L |
| 09 | 02 | 76 | 1450 | | | | .3 | | | 0.250 | | 0.010 | | | 0.020 | 0.044 | 0.020L |
| 08 | 03 | 76 | 1345 | | | | .3 | | | 2.900 | | 0.010L | | | 0.020L | 0.060 | 0.020L |
| 12 | 04 | 76 | 1335 | | | | .3 | | | 0.230 | | 0.010L | | | 0.010L | 0.032 | 0.01L |
| 17 | 05 | 76 | 1325 | | | | .3 | | | 0.240 | | 0.010L | | | 0.010L | 0.022 | 0.020L |
| 21 | 06 | 76 | 1405 | | | | .3 | | | 0.180 | | 0.010 | | | 0.010L | 0.044 | 0.010L |
| 19 | 07 | 76 | 1345 | | | | .3 | | | 0.230 | | 0.030 | | | 0.010L | 0.022 | 0.010L |
| 23 | 08 | 76 | 1345 | | | | .3 | | | 0.300 | | 0.010L | | | 0.010L | 0.044 | 0.010L |
| 20 | 09 | 76 | 1400 | | | | .3 | | | 0.65 | | 0.010L | | | 0.860 | 0.048 | 0.010L |
| 12 | 10 | 76 | 1400 | | | | .3 | | | 0.100 | | 0.02 | | | 0.020 | 0.022 | 0.010L |
| 22 | 11 | 76 | 1345 | | | | .3 | | | 0.140 | | 0.020L | | | 0.020 | 0.014 | 0.020L |
| 20 | 12 | 76 | 1320 | | | | .3 | | | 0.420 | | 0.020L | | | 0.010L | 0.020 | 0.020L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2.900
0.488
0.100

0.030
0.0160
0.010

0.860
0.0840
0.010

0.060
0.033
0.014

0.020
0.0150
0.01

NO OF SAMPLES

12

12

12

12

12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 12 | 01 | 76 | 1525 | | | | .3 | 0.2 | | | | | | | | | 32407 |
| 09 | 02 | 76 | 1450 | | | | .3 | 0.2 | | | | | | | | | 32443 |
| 08 | 03 | 76 | 1345 | | | | .3 | 0.1L | | | | | | | | | 32479 |
| 12 | 04 | 76 | 1335 | | | | .3 | 0.2 | | | | | | | | | 32528 |
| 17 | 05 | 76 | 1325 | | | | .3 | 0.2 | | | | | | | | | 32577 |
| 21 | 06 | 76 | 1405 | | | | .3 | 0.2 | | | | | | | | | 32613 |
| 19 | 07 | 76 | 1345 | | | | .3 | 0.2 | | | | | | | | | 32649 |
| 23 | 08 | 76 | 1345 | | | | .3 | 0.2 | | | | | | | | | 32685 |
| 20 | 09 | 76 | 1400 | | | | .3 | 0.2 | | | | | | | | | 32721 |
| 12 | 10 | 76 | 1400 | | | | .3 | 0.2 | | | | | | | | | 32757 |
| 22 | 11 | 76 | 1345 | | | | .3 | 0.2 | | | | | | | | | 32793 |
| 20 | 12 | 76 | 1320 | | | | .3 | 0.2 | | | | | | | | | 32828 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.2
0.2D
0.1

NO OF SAMPLES

11

B.O.W. / SITE: GRAND RIVER
SAMPLE POINT: AT GLEN MORRIS BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

| STN NO | 10 | LAT | LONG | U.T.M. 17 0552950.0 4791525.0 4 | REGION 02 | MILEAGE | 82.80 | | | | | | | | | | |
|------------|-----------|----------|------|---------------------------------|------------|-----------------------|-------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1600 | | | | .3 | 32408 | | | 30. | 10. L | 10. L | | 0.0 | 9.4 | |
| 09 | 02 | 76 | 1520 | | | | .3 | 32444 | 4 | | 100. L | 10. L | 10. L | | 0.0 | 9.4 | 0.6 |
| 08 | 03 | 76 | 1416 | | | | .3 | 32480 | | | 100. | 50. | 10. L | | 0.0 | 10.4 | |
| 12 | 04 | 76 | 1405 | | | | .3 | 32529 | | | 900. | 1. | 1. | | 8.0 | 9.6 | 1.6 |
| 17 | 05 | 76 | 1400 | | | | .3 | 32578 | | | 400. | 28. | 1. | | 16.0 | 9.0 | |
| 21 | 06 | 76 | 1425 | | | | .3 | 32614 | | | 300. | | 24. | | 19.0 | 8.0 | 1.6 |
| 19 | 07 | 76 | 1415 | | | | .3 | 32650 | | | | | | | 24.0 | 11.0 | |
| 23 | 08 | 76 | 1410 | | | | .3 | 32686 | | | 350. | 24. | 8. | | 24.0 | 9.8 | 1.0 |
| 20 | 09 | 76 | 1425 | | | | .3 | 32722 | | | 2100. | 268. | 72. | | 20.0 | 6.8 | 1.4 |
| 12 | 10 | 76 | 1420 | | | | .3 | 32758 | | | 3000. | 1. | 8. | | 12.0 | 10.8 | |
| 22 | 11 | 76 | 1415 | | | | .3 | 32794 | | | 160. | 12. | 1. | | 1.0 | 6.0 | |
| 20 | 12 | 76 | 1340 | | | | .3 | 32829 | | | 1400. | 38. | 92. | | 0.0 | 9.2 | 2.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

3000.
368.* D
30.

268.
15.* D
1.

92.
8.* D
1.

24.0
10.3
0.0

11.0
9.1
6.0

2.0
1.4
0.6

NO OF SAMPLES

11

10

11

12

12

6

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1600 | | | | .3 | | | | | | | | | | |
| 09 | 02 | 76 | 1520 | | | | .3 | 0.066 | 0.038 | 1.050 | 1.660 | 0.012 | 2.390 | 510.0 | 3.6 | | |
| 08 | 03 | 76 | 1416 | | | | .3 | | | | | | | | | | |
| 12 | 04 | 76 | 1405 | | | | .3 | 0.080 | 0.029 | 0.500 | 0.980 | 0.050 | 3.300 | 380.0 | 16.0 | | |
| 17 | 05 | 76 | 1400 | | | | .3 | 0.050 | 0.011 | 0.080 | 0.680 | 0.091 | 2.110 | | | | |
| 21 | 06 | 76 | 1425 | | | | .3 | 0.131 | 0.022 | 0.062 | 0.870 | 0.110 | 1.730 | 431.0 | 21.0 | | |
| 19 | 07 | 76 | 1415 | | | | .3 | | | | | | | | | | |
| 23 | 08 | 76 | 1410 | | | | .3 | 0.104 | 0.060 | 0.022 | 0.740 | 0.026 | 0.974 | 328.0 | 9.7 | | |
| 20 | 09 | 76 | 1425 | | | | .3 | 0.120 | 0.062 | 0.046 | 0.700 | 0.058 | 1.100 | 339.0 | 30.0 | | |
| 12 | 10 | 76 | 1420 | | | | .3 | | | | | | | | | | |
| 22 | 11 | 76 | 1415 | | | | .3 | | | | | | | | | | |
| 20 | 12 | 76 | 1340 | | | | .3 | 0.062 | 0.026 | 0.740 | 1.300 | 0.024 | 1.480 | 456.0 | 11.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.131
0.088
0.050

0.062
0.035
0.011

1.050
0.357
0.022

1.660
0.990
0.680

0.110
0.053
0.012

3.300
1.869
0.974

510.0
407.3
328.0

30.0
15.2
3.6

NO OF SAMPLES

7

7

7

7

7

7

6

6

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 290 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|----------------------------------|----------------------------------|------------------------------------|--|------------------------------------|----------------------------------|------------------------------------|-------------------------------|------------------------------------|-------|
| 12 | 01 | 76 | 1600 | | | .3 | | 700 | | | 65.0 | 3.90 | | | | | | |
| 09 | 02 | 76 | 1520 | | | .3 | | 780 | 1.50 | 56.0 | 60.0 | 3.90 | 1.0 | 258 | 8.10 | 0.17 | | |
| 08 | 03 | 76 | 1416 | | | .3 | | | | | 28.0 | 0.80 | | | | | | |
| 12 | 04 | 76 | 1405 | | | .3 | | 550 | 9.00 | 31.5 | 46.5 | | 0.0 | 196 | 8.80 | | 0.550 | |
| 17 | 05 | 76 | 1400 | | | .3 | | 550 | | | 39.0 | 0.85 | | | | | | |
| 21 | 06 | 76 | 1425 | | | .3 | | 590 | | 36.5 | 23.0 | 1.80 | 2.2 | 203 | 8.20 | | 0.930 | |
| 19 | 07 | 76 | 1415 | | | .3 | | | | | 170.0 | 0.95 | | | | | | |
| 23 | 08 | 76 | 1410 | | | .3 | | 520 | 3.60 | 30.0 | 44.0 | 1.55 | 0.0 | 182 | 8.18 | | 0.370 | |
| 20 | 09 | 76 | 1425 | | | .3 | | 510 | 20.00 | 25.5 | 40.5 | 2.80 | 0.5 | 181 | 8.23 | | 0.780 | |
| 12 | 10 | 76 | 1420 | | | .3 | | | | | 45.0 | 1.20 | | | | | | |
| 22 | 11 | 76 | 1415 | | | .3 | | 670 | | | 75.0 | 0.80 | | | | | | |
| 20 | 12 | 76 | 1340 | | | .3 | | 740 | 5.20 | 65.0 | 59.0 | 2.40 | 4.0 | | 8.10 | | 0.580 | |
| | | | | | | | | MAXIMUM | 780 | 20.00 | 65.0 | 170.0 | 3.90 | 4.0 | 258 | 8.80 | 0.17 | 0.930 |
| | | | | | | | | AVG OR GEOM MN (*) | 623 | 7.86 | 40.8 | 57.9 | 1.91 | 1.3 | 204 | 8.27 | 0.17 | 0.642 |
| | | | | | | | | MINIMUM | 510 | 1.50 | 25.5 | 23.0 | 0.80 | 0.0 | 181 | 8.10 | 0.17 | 0.370 |
| | | | | | | | | NO OF SAMPLES | 9 | 5 | 6 | 12 | 11 | 6 | 5 | 6 | 1 | 5 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L | |
| 12 | 01 | 76 | 1600 | | | .3 | | 1.0L | | 86.00 | 26.50 | | 2.70 | 23.50 | | 22 | | |
| 09 | 02 | 76 | 1520 | | | .3 | | 1.0L | 345.0 | 92.00 | 28.00 | 10 | 2.75 | 36.50 | | 16 | | |
| 08 | 03 | 76 | 1416 | | | .3 | | 1.0L | | 62.00 | 16.50 | | 2.15 | 9.30 | | 22 | | |
| 12 | 04 | 76 | 1405 | | | .3 | | 1.0L | 264.0 | 72.00 | 20.50 | 10 | 2.25 | 19.00 | | 28 | | |
| 17 | 05 | 76 | 1400 | | | .3 | | 1.0L | | 69.00 | 21.40 | | 1.91 | 17.00 | 4 | 12 | | |
| 21 | 06 | 76 | 1425 | | | .3 | | 1.0L | 274.0 | 71.00 | 23.50 | 30 | 2.60 | 22.50 | | 16 | | |
| 19 | 07 | 76 | 1415 | | | .3 | | 1.0L | | 63.00 | 20.60 | | 2.15 | 21.00 | | 24 | | |
| 23 | 08 | 76 | 1410 | | | .3 | | 1.0 | 231.0 | 59.00 | 25.00 | 20 | 2.05 | 18.00 | | 12 | | |
| 20 | 09 | 76 | 1425 | | | .3 | | 1.0L | 240.0 | 63.00 | 20.00 | 40 | 3.00 | 15.50 | | 31 | | |
| 12 | 10 | 76 | 1420 | | | .3 | | 1.0L | | 65.00 | 23.00 | | 2.75 | 18.00 | | 33 | | |
| 22 | 11 | 76 | 1415 | | | .3 | | 1.0L | | 78.00 | 26.00 | | 2.80 | 24.00 | | 23 | | |
| 20 | 12 | 76 | 1340 | | | .3 | | 3.0 | 307.0 | 81.00 | 25.50 | 30 | 3.00 | 41.50 | | 37 | | |
| | | | | | | | | MAXIMUM | 3.0 | 345.0 | 92.00 | 28.00 | 40 | 3.00 | 41.50 | 4 | 37 | |
| | | | | | | | | AVG OR GEOM MN (*) | 1.20 | 276.8 | 71.75 | 23.04 | 23 | 2.51 | 22.15 | 4 | 23 | |
| | | | | | | | | MINIMUM | 1.0 | 231.0 | 59.00 | 16.50 | 10 | 1.91 | 9.30 | 4 | 12 | |
| | | | | | | | | NO OF SAMPLES | 12 | 6 | 12 | 12 | 6 | 12 | 12 | 1 | 12 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L | |
| 12 | 01 | 76 | 1600 | | | .3 | | | | 0.070 | | 0.010 | | | 0.010 | 0.022 | 0.020L | |
| 09 | 02 | 76 | 1520 | | | .3 | | | | 0.150 | | 0.010L | | | 0.030 | 0.034 | 0.020L | |
| 08 | 03 | 76 | 1416 | | | .3 | | | | 1.300 | | 0.060 | | | 0.020L | 0.064 | 0.020L | |
| 12 | 04 | 76 | 1405 | | | .3 | | | | 0.620 | | 0.010L | | | 0.010L | 0.042 | 0.010L | |
| 17 | 05 | 76 | 1400 | | | .3 | | | | 0.490 | | 0.010 | | | 0.010 | 0.062 | 0.020L | |
| 21 | 06 | 76 | 1425 | | | .3 | | | | 0.550 | | 0.020 | | | 0.010L | 0.108 | 0.010L | |
| 19 | 07 | 76 | 1415 | | | .3 | | | | 0.270 | | 0.010 | | | 0.010L | 0.056 | 0.010L | |
| 23 | 08 | 76 | 1410 | | | .3 | | | | 0.220 | | 0.010L | | | 0.010L | 0.040 | 0.010L | |
| 20 | 09 | 76 | 1425 | | | .3 | | | | 0.880 | | 0.010L | | | 0.010L | 0.082 | 0.010L | |
| 12 | 10 | 76 | 1420 | | | .3 | | | | 0.380 | | 0.020 | | | 0.020 | 0.036 | 0.010L | |
| 22 | 11 | 76 | 1415 | | | .3 | | | | 0.080 | | 0.020L | | | 0.020 | 0.028 | 0.020L | |
| 20 | 12 | 76 | 1340 | | | .3 | | | | 0.490 | | 0.030 | | | 0.040 | 0.068 | 0.020L | |
| | | | | | | | | MAXIMUM | | 1.300 | | 0.060 | | | 0.040 | 0.108 | 0.020 | |
| | | | | | | | | AVG OR GEOM MN (*) | | 0.458 | | 0.018D | | | 0.017D | 0.054 | 0.015D | |
| | | | | | | | | MINIMUM | | 0.070 | | 0.010 | | | 0.010 | 0.022 | 0.010 | |
| | | | | | | | | NO OF SAMPLES | | 12 | | 12 | | | 12 | 12 | 12 | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO | |
| 12 | 01 | 76 | 1600 | | | .3 | | 0.1 | | | | | | | | | 32409 | |
| 09 | 02 | 76 | 1520 | | | .3 | | 0.2 | | | | | | | | | 32444 | |
| 08 | 03 | 76 | 1416 | | | .3 | | 0.1L | | | | | | | | | 32480 | |
| 12 | 04 | 76 | 1405 | | | .3 | | 0.1 | | | | | | | | | 32529 | |
| 17 | 05 | 76 | 1400 | | | .3 | | 0.1 | | | | | | | | | 32578 | |
| 21 | 06 | 76 | 1425 | | | .3 | | 0.2 | | | | | | | | | 32614 | |
| 19 | 07 | 76 | 1415 | | | .3 | | 0.2 | | | | | | | | | 32650 | |
| 23 | 08 | 76 | 1410 | | | .3 | | 0.2 | | | | | | | | | 32686 | |
| 20 | 09 | 76 | 1425 | | | .3 | | 0.1 | | | | | | | | | 32722 | |
| 12 | 10 | 76 | 1420 | | | .3 | | 0.1 | | | | | | | | | 32758 | |
| 22 | 11 | 76 | 1415 | | | .3 | | 0.1 | | | | | | | | | 32794 | |
| 20 | 12 | 76 | 1340 | | | .3 | | | | | | | | | | | 32829 | |
| | | | | | | | | MAXIMUM | 0.2 | | | | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.1D | | | | | | | | | |
| | | | | | | | | MINIMUM | 0.1 | | | | | | | | | |
| | | | | | | | | NO OF SAMPLES | 11 | | | | | | | | | |

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM GALT STP UL-22
STATION TYPE: RIVER FLOW GAUGE FED 02GA003

PLUARG

STATION ID: 16-0184-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 11 LAT LONG U.T.M. 17 0555550.0 4796050.0 4 REGION 02 MILEAGE 86.50

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0905 | | | .3 | | 32400 | | 705.00 | 200. | 100. L | 10. L | | 0.0 | 10.8 | 1.4 |
| 09 | 02 | 76 | 0905 | | | .3 | | 32436 | | 830.00 | 100. L | 100. L | 20. | | 0.0 | 9.2 | 1.0 |
| 08 | 03 | 76 | 0855 | | | .3 | | 32472 | | 5500.00 | 590. | 120. | 80. | | 0.0 | 11.0 | 1.2 |
| 12 | 04 | 76 | 0855 | | | .3 | | 32521 | | 1100.00 | 1600. | 10. L | 10. L | | 5.0 | 7.8 | 2.0 |
| 17 | 05 | 76 | 0850 | | | .3 | | 32570 | | 1310.00 | 8000. | 40. | 28. | | 15.0 | 7.8 | 2.0 |
| 21 | 06 | 76 | 0940 | | | .3 | | 32606 | | 638.00 | 2000. | | 1. | | 20.5 | 7.6 | 1.4 |
| 19 | 07 | 76 | 0900 | | | .3 | | 32642 | | 641.00 | | | | | 21.0 | 9.6 | 1.0 |
| 23 | 08 | 76 | 0905 | | | .3 | | 32678 | | 817.00 | 3500. | 92. | 4. | | 22.0 | 7.0 | 1.4 |
| 20 | 09 | 76 | 0910 | | | .3 | | 32714 | | 1300.00 | 2100. | 220. | 96. | | 19.0 | 7.8 | 1.4 |
| 12 | 10 | 76 | 0920 | | | .3 | | 32750 | | 838.00 | 100. L | 24. | 12. | | 10.0 | 8.0 | 1.5 |
| 22 | 11 | 76 | 0920 | | | .3 | | 32786 | | 693.00 | 130. | 8. | 1. | | 1.0 | 11.2 | 2.0 |
| 20 | 12 | 76 | 0930 | | | .3 | | 32821 | | 620.00 | 1600. | 84. | 136. | | 1.0 | 10.4 | 2.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

5500.00
1249.33
620.00

8000.
756. * D
100.

220.
52. * D
8.

136.
14. * D
1.

22.0
9.5
0.0

11.2
9.0
7.0

2.2
1.5
1.0

NO OF SAMPLES

12

11

10

11

12

12

12

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0905 | | | .3 | | 0.094 | 0.067 | 0.800 | 1.300 | 0.017 | 2.700 | 453.0 | 3.0 | | |
| 09 | 02 | 76 | 0905 | | | .3 | | 0.063 | 0.035 | 0.950 | 1.700 | 0.013 | 2.880 | 475.0 | 2.5 | | |
| 08 | 03 | 76 | 0855 | | | .3 | | 0.120 | 0.035 | 0.244 | 0.920 | 0.023 | 3.180 | 319.0 | 30.0 | | |
| 12 | 04 | 76 | 0855 | | | .3 | | 0.083 | 0.025 | 0.100 | 1.160 | 0.053 | 0.050 | 347.0 | 9.9 | | |
| 17 | 05 | 76 | 0850 | | | .3 | | 0.062 | 0.011 | 0.166 | 0.850 | 0.130 | 2.070 | 348.0 | 11.0 | | |
| 21 | 06 | 76 | 0940 | | | .3 | | 0.116 | 0.027 | 0.045 | 0.820 | 0.140 | 1.760 | 437.0 | 17.0 | | |
| 19 | 07 | 76 | 0900 | | | .3 | | 0.069 | 0.032 | 0.014 | 0.640 | 0.032 | 0.608 | 426.0 | 6.1 | | |
| 23 | 08 | 76 | 0905 | | | .3 | | 0.054 | 0.040 | 0.014 | 0.780 | 0.038 | 1.090 | 327.0 | 19.0 | | |
| 20 | 09 | 76 | 0910 | | | .3 | | 0.160 | 0.067 | 0.060 | 0.900 | 0.065 | 1.140 | 348.0 | 45.0 | | |
| 12 | 10 | 76 | 0920 | | | .3 | | 0.067 | 0.020 | 0.116 | 0.730 | 0.074 | 1.430 | 345.0 | 8.7 | | |
| 22 | 11 | 76 | 0920 | | | .3 | | 0.051 | 0.018 | 0.430 | 1.140 | 0.035 | 1.770 | 419.0 | 6.1 | | |
| 20 | 12 | 76 | 0930 | | | .3 | | 0.092 | 0.020 | 0.620 | 1.520 | 0.028 | 1.980 | 477. | 19. | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.160
0.086
0.051

0.067
0.033
0.011

0.950
0.297
0.014

1.700
1.038
0.640

0.140
0.054
0.013

3.180
1.722
0.050

477.
393.4
319.0

45.0
14.8
2.5

NO OF SAMPLES

12

12

12

12

12

12

12

12

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHQS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0905 | | | .3 | | 700 | 2.00 | 36.0 | 65.0 | | | | | | |
| 09 | 02 | 76 | 0905 | | | .3 | | 740 | 1.60 | 47.0 | 54.0 | | | | | | |
| 08 | 03 | 76 | 0855 | | | .3 | | 455 | 14.00 | 18.5 | 28.0 | | | | | | |
| 12 | 04 | 76 | 0855 | | | .3 | | 550 | 9.00 | 33.5 | 45.0 | | | | | | |
| 17 | 05 | 76 | 0850 | | | .3 | | 550 | 3.50 | 31.0 | 41.5 | | | | | | |
| 21 | 06 | 76 | 0940 | | | .3 | | 590 | 4.60 | 41.5 | 58.0 | | | | | | |
| 19 | 07 | 76 | 0900 | | | .3 | | 540 | 4.50 | 33.5 | 43.0 | | | | | | |
| 23 | 08 | 76 | 0905 | | | .3 | | 530 | 4.40 | 30.5 | 38.0 | | | | | | |
| 20 | 09 | 76 | 0910 | | | .3 | | 495 | 17.00 | 26.5 | 39.0 | | | | | | |
| 12 | 10 | 76 | 0920 | | | .3 | | 620 | 5.20 | 31.5 | 45.5 | | | | | | |
| 22 | 11 | 76 | 0920 | | | .3 | | 680 | 2.80 | 40.0 | 61.0 | | | | | | |
| 20 | 12 | 76 | 0930 | | | .3 | | 750 | 7.50 | 75.0 | 65.0 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

750
600
455

17.00
6.34
1.60

75.0
37.0
18.5

65.0
48.6
28.0

NO OF SAMPLES

12

12

12

12

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT BLAIR BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 12 | LAT | LONG | U.T.M. 17 0549625.0 4603700.0 4 | REGION 02 | MILEAGE | 94.40 | | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|--|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L | |
| 12 01 76 1450 | | | .3 | | 32421 | | | 200. | 100. L | 100. L | | 0.0 | 10.0 | 5.0 | |
| 09 02 76 1400 | | | .3 | | 32457 | | | 100. L | 100. L | 100. L | | 2.0 | 12.8 | 1.8 | |
| 08 03 76 1400 | | | .3 | | 32493 | | | 2000. | 100. | 100. | | 0.5 | 12.6 | 1.4 | |
| 12 04 76 1340 | | | .3 | | 32542 | | | 400. | 1. | 1. | | 6.5 | 6.0 | 4.6 | |
| 10 05 76 1320 | | | .3 | | 32555 | | | 1000. | 50. | 40. | | 14.5 | 12.4 | 1.4 | |
| 14 06 76 1355 | | | .3 | | 32591 | | | 2000. | | 20. | | 24.0 | 7.2 | 4.2 | |
| 12 07 76 1335 | | | .3 | | 32627 | | | 29000. | | 144. | | 21.0 | 9.6 | 1.6 | |
| 16 08 76 1330 | | | .3 | | 32663 | | | 1300. | 1. | 12. | | 21.0 | 8.8 | 1.6 | |
| 13 09 76 1315 | | | .3 | | 32699 | | | 1300. | 56. | 1. | | 21.0 | 9.6 | 1.8 | |
| 04 10 76 1400 | | | .3 | | 32735 | | | 11200. | 404. | 16. | | 17.0 | 10.8 | 2.4 | |
| 15 11 76 1400 | | | .3 | | 32771 | | | 300. | 10. L | 12. | | 2.8 | 11.6 | 1.2 | |
| 13 12 76 1350 | | | .3 | | 32807 | | | 70. | 4. L | 4. L | | 0.0 | 6.0 | 0.8 | |
| MAXIMUM | | | | | | | | 29000. | 404. | 144. | | 24.0 | 12.8 | 5.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 920.* D | 23.* D | 18.* D | | 10.9 | 9.8 | 2.3 | |
| MINIMUM | | | | | | | | 70. | 1. | 1. | | 0.0 | 6.0 | 0.8 | |
| NO OF SAMPLES | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L | |
| 12 01 76 1450 | | | .3 | | 0.150 | 0.038 | 1.200 | 2.400 | 0.030 | 2.700 | 514.0 | 28.0 | | | |
| 09 02 76 1400 | | | .3 | | 0.109 | 0.042 | 1.750 | 2.050 | 0.021 | 3.000 | 483.0 | 5.1 | | | |
| 08 03 76 1400 | | | .3 | | 0.134 | 0.044 | 0.326 | 1.080 | 0.020 | 3.230 | 334.0 | 31.0 | | | |
| 12 04 76 1340 | | | .3 | | 0.100 | 0.054 | 1.100 | 1.830 | 0.058 | 3.400 | 522.0 | 57.0 | | | |
| 10 05 76 1320 | | | .3 | | 0.079 | 0.002 | 0.100 | 0.930 | 0.025 | 2.030 | 302.0 | 12.0 | | | |
| 14 06 76 1355 | | | .3 | | 0.242 | 0.006 | 0.044 | 1.520 | 0.970 | 1.730 | 452.0 | 35.0 | | | |
| 12 07 76 1335 | | | .3 | | 0.081 | 0.024 | 0.200 | 1.110 | 0.125 | 1.730 | 360.0 | 14.0 | | | |
| 16 08 76 1330 | | | .3 | | 0.124 | 0.054 | 0.114 | 0.960 | 0.200 | 1.780 | 388.0 | 27.0 | | | |
| 13 09 76 1315 | | | .3 | | 0.098 | 0.028 | 0.122 | 0.960 | 0.080 | 0.795 | 323.0 | 22.0 | | | |
| 04 10 76 1400 | | | .3 | | 0.072 | 0.021 | 0.254 | 1.100 | 0.066 | 0.839 | 343.0 | 11.0 | | | |
| 15 11 76 1400 | | | .3 | | 0.064 | 0.016 | 0.630 | 1.570 | 0.042 | 1.440 | 424.0 | 5.9 | | | |
| 13 12 76 1350 | | | .3 | | 0.037 | 0.008 | 0.500 | 1.250 | 0.040 | 1.610 | 450.0 | 5.9 | | | |
| MAXIMUM | | | | | 0.242 | 0.054 | 1.750 | 2.400 | 0.970 | 3.400 | 522.0 | 57.0 | | | |
| AVG OR GEOM MN (*) | | | | | 0.108 | 0.028 | 0.528 | 1.397 | 0.140 | 2.024 | 407.9 | 21.2 | | | |
| MINIMUM | | | | | 0.037 | 0.002 | 0.044 | 0.930 | 0.020 | 0.795 | 302.0 | 5.1 | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 | |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L | |
| 12 01 76 1450 | | | .3 | | 740 | 3.50 | 45.0 | 70.0 | | | | | | | |
| 09 02 76 1400 | | | .3 | | 760 | 2.00 | 47.0 | 63.0 | | | | | | | |
| 08 03 76 1400 | | | .3 | | 455 | 14.00 | 19.0 | 27.5 | | | | | | | |
| 12 04 76 1340 | | | .3 | | 600 | 19.0 | 39.5 | 50.0 | | | | | | | |
| 10 05 76 1320 | | | .3 | | 460 | 5.00 | 18.0 | | | | | | | | |
| 14 06 76 1355 | | | .3 | | 620 | 8.50 | 47.5 | 65.0 | | | | | | | |
| 12 07 76 1335 | | | .3 | | 495 | 5.60 | 28.5 | 43.0 | | | | | | | |
| 16 08 76 1330 | | | .3 | | 540 | 15.00 | 28.5 | | | | | | | | |
| 13 09 76 1315 | | | .3 | | 460 | 10.00 | 21.5 | | | | | | | | |
| 04 10 76 1400 | | | .3 | | 520 | 4.20 | 30.5 | | | | | | | | |
| 15 11 76 1400 | | | .3 | | 660 | 3.20 | 36.5 | 55.0 | | | | | | | |
| 13 12 76 1350 | | | .3 | | 690 | 4.00 | 38.5 | 58.0 | | | | | | | |
| MAXIMUM | | | | | 760 | 19.0 | 47.5 | 70.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 583 | 7.83 | 33.3 | 53.9 | | | | | | | |
| MINIMUM | | | | | 455 | 2.00 | 18.0 | 27.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 8 | | | | | | | |

B.O.W. / SITE: SPEED RIVER
 SAMPLE POINT: AT BEAVERDALE BRIDGE DOWNSTREAM OF HESPELER
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STATION ID: 16-01B4-013-02

STORET CODE: 02
 003
 0150

STN NO 13 LAT LONG U.T.M. 17 0553950.0 4807700.0 4 REGION 02 MILEAGE 96.90

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0930 | | | .3 | | 32410 | | | 600. | 10. | 10. | L | 0.0 | 11.0 | 3.8 |
| 09 | 02 | 76 | 0940 | | | .3 | | 32446 | | | 100. | L | 10. | L | 0.0 | 10.0 | 1.8 |
| 08 | 03 | 76 | 0915 | | | .3 | | 32482 | | | 60. | L | 10. | L | 0.5 | 11.4 | 1.4 |
| 12 | 04 | 76 | 0915 | | | .3 | | 32531 | | | 1200. | 8. | 1. | | 4.0 | 10.4 | 2.0 |
| 10 | 05 | 76 | 0845 | | | .3 | | 32544 | | | 1000. | 90. | 10. | L | 11.0 | 11.0 | 3.0 |
| 14 | 06 | 76 | 0910 | | | .3 | | 32580 | | | 100. | L | 1. | | 22.0 | 8.6 | 1.6 |
| 12 | 07 | 76 | 0920 | | | .3 | | 32616 | | | 600. | | 24. | | 20.5 | 8.2 | 1.8 |
| 16 | 08 | 76 | 0915 | | | .3 | | 32652 | | | 570. | 1. | 60. | | 18.0 | 8.8 | 1.4 |
| 13 | 09 | 76 | 0915 | | | .3 | | 32688 | | | 100. | 8. | 1. | | 18.5 | 7.0 | 1.2 |
| 04 | 10 | 76 | 0925 | | | .3 | | 32724 | | | 800. | 20. | 18. | | 14.0 | 9.0 | 1.6 |
| 15 | 11 | 76 | 0925 | | | .3 | | 32760 | | | 200. | 6. | 198. | | 2.0 | 12.0 | 2.5 |
| 13 | 12 | 76 | 0920 | | | .3 | | 32796 | | | 100. | 8. | 40. | | 0.0 | 4.8 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1200.
 280.* D
 60.

22.0
 9.2
 0.0

12.0
 9.4
 4.8

3.8
 2.0
 1.2

NO OF SAMPLES

12 10 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0930 | | | .3 | | 0.073 | 0.023 | 0.800 | 1.600 | 0.019 | 2.200 | 464.0 | 8.0 | | |
| 09 | 02 | 76 | 0940 | | | .3 | | 0.098 | 0.036 | 2.100 | 2.550 | 0.044 | 1.960 | 487.0 | 5.0 | | |
| 08 | 03 | 76 | 0915 | | | .3 | | 0.066 | 0.012 | 0.274 | 0.830 | 0.023 | 2.580 | 340.0 | 14.0 | | |
| 12 | 04 | 76 | 0915 | | | .3 | | 0.062 | 0.014 | 0.750 | 1.430 | 0.071 | 2.200 | 333.0 | 7.3 | | |
| 10 | 05 | 76 | 0845 | | | .3 | | 0.160 | 0.014 | 0.356 | 1.330 | 0.083 | 1.290 | 361.0 | 32.0 | | |
| 14 | 06 | 76 | 0910 | | | .3 | | 0.136 | 0.024 | 0.256 | 1.560 | 0.205 | 2.390 | 469.0 | 28.0 | | |
| 12 | 07 | 76 | 0920 | | | .3 | | 0.115 | 0.042 | 0.084 | 0.910 | 0.048 | 1.410 | 397.0 | 17.0 | | |
| 16 | 08 | 76 | 0915 | | | .3 | | 0.096 | 0.034 | 0.057 | 0.660 | 0.075 | 1.130 | 334.0 | 23.0 | | |
| 13 | 09 | 76 | 0915 | | | .3 | | 0.081 | 0.043 | 0.112 | 0.690 | 0.091 | 2.110 | 406.0 | 18.0 | | |
| 04 | 10 | 76 | 0925 | | | .3 | | 0.104 | 0.034 | 0.082 | 0.900 | 0.047 | 1.350 | 389.0 | 9.5 | | |
| 15 | 11 | 76 | 0925 | | | .3 | | 0.055 | 0.014 | 0.510 | 1.130 | 0.048 | 1.730 | 401.0 | 8.5 | | |
| 13 | 12 | 76 | 0920 | | | .3 | | 0.072 | 0.039 | 0.980 | 1.800 | 0.030 | 1.470 | 482.0 | 5.1 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.160 0.043 2.100 2.550 0.205 2.580 487.0 32.0
 0.093 0.027 0.530 1.283 0.065 1.818 405.3 14.6
 0.055 0.012 0.057 0.660 0.019 1.130 333.0 5.0

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0930 | | | .3 | | 720 | 2.40 | 42.0 | 63.0 | | | | | | |
| 09 | 02 | 76 | 0940 | | | .3 | | 800 | 2.50 | 58.0 | 60.0 | | | | | | |
| 08 | 03 | 76 | 0915 | | | .3 | | 500 | 2.40 | 27.5 | 32.5 | | | | | | |
| 12 | 04 | 76 | 0915 | | | .3 | | 500 | 3.30 | 35.5 | 35.0 | | | | | | |
| 10 | 05 | 76 | 0845 | | | .3 | | 500 | 6.30 | 29.5 | 30.5 | | | | | | |
| 14 | 06 | 76 | 0910 | | | .3 | | 660 | 3.80 | 55.0 | 50.0 | | | | | | |
| 12 | 07 | 76 | 0920 | | | .3 | | 560 | 5.40 | 36.0 | 34.5 | | | | | | |
| 16 | 08 | 76 | 0915 | | | .3 | | 485 | 6.60 | 24.0 | 30.0 | | | | | | |
| 13 | 09 | 76 | 0915 | | | .3 | | 630 | 6.80 | 55.0 | 47.5 | | | | | | |
| 04 | 10 | 76 | 0925 | | | .3 | | 600 | 3.20 | 43.0 | 41.5 | | | | | | |
| 15 | 11 | 76 | 0925 | | | .3 | | 650 | 2.80 | 40.0 | 43.5 | | | | | | |
| 13 | 12 | 76 | 0920 | | | .3 | | 770 | 2.40 | 65.0 | 53.0 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

800 6.80 65.0 63.0
 615 3.99 42.5 43.4
 485 2.40 24.0 30.0

NO OF SAMPLES

12 12 12 12

B.O.W. / SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGEPORT BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

| STN NO | 15 | LAT | LONG | U.T.M. 17 0541875.0 4814225.0 4 | REGION 02 | MILEAGE | 110.30 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 405 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1055 | | | .3 | | 32413 | | | 700. | 700. | 100. | L | 0.0 | 9.4 | 1.6 |
| 09 02 76 1055 | | | .3 | | 32450 | | | 13500. | 6400. | 1100. | | 0.0 | 8.6 | 0.6 |
| 08 03 76 1035 | | | .3 | | 32485 | | | 600. | 100. | 100. | | 0.0 | 12.4 | 1.2 |
| 12 04 76 1020 | | | .3 | | 32534 | | | 190. | 10. | 1. | | 4.0 | 10.0 | 0.2 |
| 10 05 76 0950 | | | .3 | | 32547 | | | 600. | 70. | 10. | L | 11.5 | 8.8 | 1.4 |
| 14 06 76 1020 | | | .3 | | 32583 | | | 3400. | | 32. | | 21.0 | 5.8 | 1.8 |
| 12 07 76 1010 | | | .3 | | 32619 | | | 7000. | | 40. | | 19.0 | 7.4 | 1.0 |
| 16 08 76 1005 | | | .3 | | 32655 | | | 700. | 1. | 44. | | 18.0 | 10.0 | 1.6 |
| 13 09 76 1010 | | | .3 | | 32691 | | | 310. | 64. | 4. | | 18.0 | 8.0 | 1.2 |
| 04 10 76 1020 | | | .3 | | 32727 | | | 400. | 44. | 4. | | 14.0 | 8.2 | 0.8 |
| 15 11 76 1030 | | | .3 | | 32763 | | | 3100. | 78. | 70. | | 0.5 | 9.2 | 3.1 |
| MAXIMUM | | | | | | | | 13500. | 6400. | 1100. | | 21.0 | 12.4 | 3.1 |
| AVG OR GEOM MN (*) | | | | | | | | 1138.* | 74.* | 28.* | D | 9.6 | 8.9 | 1.3 |
| MINIMUM | | | | | | | | 190. | 1. | 1. | | 0.0 | 5.8 | 0.2 |
| NO OF SAMPLES | | | | | | | | 11 | 9 | 11 | | 11 | 11 | 11 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 1055 | | | .3 | | 0.044 | 0.017 | 0.160 | 0.720 | 0.028 | 2.600 | 404.0 | 4.0 | | |
| 09 02 76 1055 | | | .3 | | 0.054 | 0.016 | 0.220 | 0.860 | 0.020 | 2.980 | 474.0 | 12.0 | | |
| 08 03 76 1035 | | | .3 | | 0.093 | 0.035 | 0.166 | 0.680 | 0.020 | 1.280 | 290.0 | 13.0 | | |
| 12 04 76 1020 | | | .3 | | 0.043 | 0.015 | 0.040 | 0.470 | 0.028 | 3.200 | 326.0 | 9.2 | | |
| 10 05 76 0950 | | | .3 | | 0.081 | 0.002 | 0.036 | 1.060 | 0.016 | 1.930 | 298.0 | 14.0 | | |
| 14 06 76 1020 | | | .3 | | 0.206 | 0.003 | 0.051 | 1.540 | 0.057 | 1.310 | 378.0 | 88.0 | | |
| 12 07 76 1010 | | | .3 | | 0.051 | 0.019 | 0.032 | 0.740 | 0.012 | 1.500 | 499.0 | 15.0 | | |
| 16 08 76 1005 | | | .3 | | 0.072 | 0.007 | 0.190 | 1.200 | 0.014 | 1.010 | 361.0 | 22.0 | | |
| 13 09 76 1010 | | | .3 | | 0.050 | 0.008 | 0.023 | 0.810 | 0.004 | 0.526 | 282.0 | 18.0 | | |
| 04 10 76 1020 | | | .3 | | 0.033 | 0.006 | 0.004 | 0.730 | 0.003 | 0.417 | 288.0 | 10.0 | | |
| 15 11 76 1030 | | | .3 | | 0.048 | 0.004 | 0.020 | 0.760 | 0.007 | 0.978 | 345.0 | 11.0 | | |
| MAXIMUM | | | | | 0.206 | 0.035 | 0.220 | 1.540 | 0.057 | 3.200 | 499.0 | 88.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.070 | 0.012 | 0.086 | 0.870 | 0.019 | 1.612 | 358.6 | 19.7 | | |
| MINIMUM | | | | | 0.033 | 0.002 | 0.004 | 0.470 | 0.003 | 0.417 | 282.0 | 4.0 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 1055 | | | .3 | | 620 | 4.50 | 18.0 | 60.0 | | | | | | |
| 09 02 76 1055 | | | .3 | | 650 | 2.20 | 21.0 | 58.0 | | | | | | |
| 08 03 76 1035 | | | .3 | | 425 | 9.70 | 11.5 | 25.0 | | | | | | |
| 12 04 76 1020 | | | .3 | | 470 | 12.00 | 16.5 | 40.0 | | | | | | |
| 10 05 76 0950 | | | .3 | | 445 | 5.50 | 12.0 | 25.0 | | | | | | |
| 14 06 76 1020 | | | .3 | | 434 | 34.00 | 15.0 | 33.0 | | | | | | |
| 12 07 76 1010 | | | .3 | | 444 | 7.90 | 18.0 | 34.5 | | | | | | |
| 16 08 76 1005 | | | .3 | | 505 | 9.50 | 28.0 | 42.0 | | | | | | |
| 13 09 76 1010 | | | .3 | | 425 | 9.50 | 15.5 | 32.5 | | | | | | |
| 04 10 76 1020 | | | .3 | | 445 | 6.40 | 14.5 | 36.0 | | | | | | |
| 15 11 76 1030 | | | .3 | | 590 | 4.60 | 28.0 | 44.0 | | | | | | |
| MAXIMUM | | | | | 650 | 34.00 | 28.0 | 60.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | 496 | 9.62 | 18.0 | 39.1 | | | | | | |
| MINIMUM | | | | | 425 | 2.20 | 11.5 | 25.0 | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | | | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
| 12 01 76 1055 | | | .3 | | 1.0L | | | | | | | | | |
| 09 02 76 1055 | | | .3 | | 1.0 | | | | | | | | | |
| 08 03 76 1035 | | | .3 | | 1.0L | | | | | | | | | |
| 12 04 76 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 10 05 76 0950 | | | .3 | | 1.0L | | | | | | | | | |
| 14 06 76 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 12 07 76 1010 | | | .3 | | 2.0 | | | | | | | | | |
| 16 08 76 1005 | | | .3 | | 1.0L | | | | | | | | | |
| 13 09 76 1010 | | | .3 | | 1.0L | | | | | | | | | |
| 04 10 76 1020 | | | .3 | | 1.0L | | | | | | | | | |
| 15 11 76 1030 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 2.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.10 | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 9 | | | | | | | | | |

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

STATION ID: 16-0184-016-02

STORET CODE: 02
003
0150

STN NO 16 LAT LONG U.T.M. 17 0537600.0 4825600.0 4 REGION 02 MILEAGE 125.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1735 | | | .3 | | 32434 | | | 13300E+1 | 7700. | 1000. | | 1.0 | 7.0 | 3.6 |
| 09 | 02 | 76 | 1710 | | | .3 | | 32470 | | | 16000. | 710. | 2300. | | 0.5 | 5.6 | 6.5 |
| 12 | 04 | 76 | 1530 | | | .3 | | 32519 | | | 14000. | 10. | L 200. | | 8.0 | 9.6 | 1.8 |
| 11 | 05 | 76 | 1530 | | | .3 | | 32568 | | | 5000. | 530. | 140. | | 12.0 | 9.4 | 2.8 |
| 15 | 06 | 76 | 1500 | | | .3 | | 32604 | | | 11000. | | 30. | | 21.0 | 11.2 | 10.0 |
| 13 | 07 | 76 | 1430 | | | .3 | | 32640 | | | 19300E+1 | | 10. | L | 22.0 | 13.0 | 4.4 |
| 17 | 08 | 76 | 1435 | | | .3 | | 32676 | | | 7700. | | 48. | | 23.0 | 7.0 | 3.2 |
| 13 | 09 | 76 | 1435 | | | .3 | | 32712 | | | 7700. | 440. | 124. | | 22.0 | 11.0 | 1.8 |
| 05 | 10 | 76 | 1450 | | | .3 | | 32748 | | | 69000. | 270. | 44. | | 19.0 | 9.6 | 2.2 |
| 16 | 11 | 76 | 1440 | | | .3 | | 32784 | | | 81000. | 800. | 692. | | 5.0 | 9.8 | 3.7 |
| 14 | 12 | 76 | 1440 | | | .3 | | 32820 | | | 48000. | 500. | 910. | | 3.0 | 6.8 | 5.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

19300E+1
26754.*
5000.

7700.
439.* D
10.

2300.
169.* D
10.

23.0
12.4
0.5

13.0
9.1
5.6

10.0
4.1
1.8

NO OF SAMPLES

11

8

11

11

11

11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1735 | | | .3 | | 0.340 | 0.080 | 1.600 | 2.700 | 0.140 | 5.100 | 723.0 | 54.0 | | |
| 09 | 02 | 76 | 1710 | | | .3 | | 0.520 | 0.090 | 1.500 | 3.240 | 0.145 | 4.030 | 699.0 | 73.0 | | |
| 12 | 04 | 76 | 1530 | | | .3 | | 0.145 | 0.070 | 1.500 | 1.850 | 0.410 | 5.300 | 555.0 | 13.0 | | |
| 11 | 05 | 76 | 1530 | | | .3 | | 0.142 | 0.025 | 0.780 | 1.700 | 0.140 | 4.860 | 467.0 | 15.0 | | |
| 15 | 06 | 76 | 1500 | | | .3 | | 0.208 | 0.150 | 1.160 | 2.500 | 0.540 | 2.660 | 658.0 | 31.0 | | |
| 13 | 07 | 76 | 1430 | | | .3 | | 0.278 | 0.230 | 1.340 | 2.560 | 1.300 | 2.800 | 801.0 | 5.6 | | |
| 17 | 08 | 76 | 1435 | | | .3 | | 0.285 | 0.035 | 0.204 | 1.800 | 0.195 | 1.980 | 364.0 | 43.0 | | |
| 13 | 09 | 76 | 1435 | | | .3 | | 0.384 | 0.380 | 0.168 | 0.700 | 0.140 | 3.460 | 663.0 | 16.0 | | |
| 05 | 10 | 76 | 1450 | | | .3 | | 0.550 | 0.370 | 0.252 | 1.020 | 0.090 | 2.960 | 867.0 | 7.4 | | |
| 16 | 11 | 76 | 1440 | | | .3 | | 0.260 | 0.085 | 1.540 | 2.840 | 0.042 | 3.310 | 784.0 | 24.0 | | |
| 14 | 12 | 76 | 1440 | | | .3 | | 0.390 | 0.210 | 3.200 | 3.370 | 0.069 | 2.930 | 1048.0 | 28.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.550
0.318
0.142

0.380
0.157
0.025

3.200
1.204
0.168

3.370
2.207
0.700

1.300
0.292
0.042

5.300
3.581
1.980

1048.0
693.5
364.0

73.0
28.2
5.6

NO OF SAMPLES

11

11

11

11

11

11

11

11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1735 | | | .3 | | 1040 | 5.50 | 83.0 | 145.0 | | 4.0 | 285 | 8.00 | 2.00 | |
| 09 | 02 | 76 | 1710 | | | .3 | | 930 | 24.00 | 68.0 | 115.0 | | 9.8 | 274 | 7.90 | 1.80 | |
| 12 | 04 | 76 | 1530 | | | .3 | | 850 | 13.00 | 83.0 | 105.0 | | 3.0 | 205 | 8.50 | | 0.750 |
| 11 | 05 | 76 | 1530 | | | .3 | | 700 | 7.00 | 46.0 | 70.0 | | 0.8 | 211 | 8.25 | | 0.520 |
| 15 | 06 | 76 | 1500 | | | .3 | | 970 | 9.00 | 115.0 | 135.0 | | 9.0 | 191 | 7.77 | | 0.500 |
| 13 | 07 | 76 | 1430 | | | .3 | | 1220 | 6.00 | 155.0 | 180.0 | | 1.4 | 198 | 8.20 | | 0.320 |
| 17 | 08 | 76 | 1435 | | | .3 | | 560 | 15.00 | 37.0 | 52.0 | | 0.5 | 173 | 8.25 | | 1.050 |
| 13 | 09 | 76 | 1435 | | | .3 | | 1000 | 11.00 | 115.0 | 160.0 | | 0.0 | 175 | 8.41 | | 0.960 |
| 05 | 10 | 76 | 1450 | | | .3 | | 1320 | 9.00 | 178.0 | 225.0 | | 0.0 | 205 | 8.60 | | 0.320 |
| 16 | 11 | 76 | 1440 | | | .3 | | 1200 | 17.00 | 130.0 | 163.0 | | 7.5 | 272 | 8.00 | | 0.750 |
| 14 | 12 | 76 | 1440 | | | .3 | | 1570 | 17.00 | 190.0 | | | 8.0 | 286 | 7.90 | | 1.000 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1570
1033
560

24.00
12.14
5.50

190.0
109.1
37.0

225.0
135.0
52.0

9.8
4.0
0.0

286
225
173

8.60
8.16
7.77

2.00
1.90
1.80

1.050
0.686
0.320

NO OF SAMPLES

11

11

11

10

11

11

11

2

9

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 12 | 01 | 76 | 1735 | | | .3 | | | 376.0 | | | | 30 | | | | |
| 09 | 02 | 76 | 1710 | | | .3 | | | 374.0 | | | | 20 | | | | |
| 12 | 04 | 76 | 1530 | | | .3 | | | 289.0 | | | | 20 | | | | |
| 11 | 05 | 76 | 1530 | | | .3 | | | 280.0 | | | | 15 | | | | |
| 15 | 06 | 76 | 1500 | | | .3 | | | 318.0 | | | | 20 | | | | |
| 13 | 07 | 76 | 1430 | | | .3 | | | 350.0 | 87.00 | 26.50 | | 30 | | | | |
| 17 | 08 | 76 | 1435 | | | .3 | | | 231.0 | 57.00 | 15.50 | | 40 | | | | |
| 13 | 09 | 76 | 1435 | | | .3 | | | 274.0 | 66.00 | 26.50 | | 40 | | | | |
| 05 | 10 | 76 | 1450 | | | .3 | | | 333.0 | 84.00 | 30.00 | | 40 | | | | |
| 16 | 11 | 76 | 1440 | | | .3 | | | 368.0 | 102.00 | 27.50 | | 50 | | | | |
| 14 | 12 | 76 | 1440 | | | .3 | | | 411.0 | 106.00 | 35.50 | | 30 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

411.0
327.6
231.0

106.00
83.67
57.00

35.50
26.92
15.50

50
30
15

NO OF SAMPLES

11

6

6

11

B.O.W./ SITE: CONESTOGO RIVER
 SAMPLE POINT: AT CONESTOGO C.A. DAM
 STATION TYPE: RIVER FLOW GAUGE FED 02GA028

STATION ID: 16-0184-017-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 17 LAT LONG U.T.M. 17 0523050.0 4835525.0 4 REGION 02 MILEAGE 139.60

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1620 | | | .3 | | 32431 | | 100.00 | 1220. | 160. | 50. | | 0.0 | 10.2 | 7.0 |
| 09 | 02 | 76 | 1600 | | | .3 | | 32467 | | 32.00 | 100. | 60. | 10. L | | 0.0 | 2.6 | 1.8 |
| 08 | 03 | 76 | 1445 | | | .3 | | 32503 | | 1630.00 | 930. | 40. | 100. L | | 1.0 | 12.6 | 1.2 |
| 12 | 04 | 76 | 1440 | | | .3 | | 32516 | | 123.00 | 200. | 1. | 4. | | 7.0 | 9.4 | 3.8 |
| 11 | 05 | 76 | 1415 | | | .3 | | 32565 | | 189.00 | 100. | 36. | 72. | | 8.0 | 14.0 | 1.0 |
| 15 | 06 | 76 | 1350 | | | .3 | | 32601 | | 116.00 | 700. | | 1. | | 13.0 | 10.0 | 0.8 |
| 13 | 07 | 76 | 1325 | | | .3 | | 32637 | | 231.00 | 100. | | 10. L | | 18.0 | 10.8 | 1.2 |
| 17 | 08 | 76 | 1330 | | | .3 | | 32673 | | 154.00 | 200. | | 32. | | 22.0 | 4.6 | 1.8 |
| 14 | 09 | 76 | 1335 | | | .3 | | 32709 | | 206.00 | 460. | 192. | 88. | | 19.0 | 10.2 | 2.4 |
| 05 | 10 | 76 | 1335 | | | .3 | | 32745 | | 176.00 | 200. | 20. | 20. | | 15.0 | 9.6 | 3.0 |
| 16 | 11 | 76 | 1335 | | | .3 | | 32781 | | 83.50 | 330. | 70. | 60. | | 3.0 | 10.4 | 0.7 |
| 14 | 12 | 76 | 1355 | | | .3 | | 32817 | | 146.00 | | | | | 0.5 | 9.2 | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|---------|-------|------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 1630.00 | 1220. | 192. | 100. | | 22.0 | 14.0 | 7.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 265.54 | 284.* | 37.* | 22.* D | | 8.9 | 9.5 | 2.1 |
| MINIMUM | | | | | | | | | | 32.00 | 100. | 1. | 1. | | 0.0 | 2.6 | 0.7 |
| NO OF SAMPLES | | | | | | | | | | 12 | 11 | 8 | 11 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1620 | | | .3 | | 0.150 | 0.009 | 0.180 | 1.200 | 0.017 | 2.000 | 471.0 | 81.0 | | |
| 09 | 02 | 76 | 1600 | | | .3 | | 0.089 | 0.001 | 0.070 | 0.680 | 0.007 | 0.640 | 429.0 | 51.0 | | |
| 08 | 03 | 76 | 1445 | | | .3 | | 0.112 | 0.043 | 0.196 | 0.760 | 0.018 | 2.080 | 254.0 | 30.0 | | 224 |
| 12 | 04 | 76 | 1440 | | | .3 | | 0.126 | 0.034 | 0.122 | 1.340 | 0.025 | 1.140 | 224.0 | 32.0 | | |
| 11 | 05 | 76 | 1415 | | | .3 | | 0.096 | 0.029 | 0.084 | 0.940 | 0.017 | 1.380 | 285.0 | 25.0 | | 261 |
| 15 | 06 | 76 | 1350 | | | .3 | | 0.028 | 0.005 | 0.176 | 0.720 | 0.018 | 1.060 | 255.0 | 8.3 | | |
| 13 | 07 | 76 | 1325 | | | .3 | | 0.076 | 0.016 | 0.010 | 0.800 | 0.080 | 2.040 | 245.0 | 24.0 | | |
| 17 | 08 | 76 | 1330 | | | .3 | | 0.066 | 0.002 | 0.100 | 0.700 | 0.060 | 0.730 | 280.0 | 26.0 | | |
| 14 | 09 | 76 | 1335 | | | .3 | | 0.030 | 0.008 | 0.064 | 0.460 | 0.030 | 0.450 | 265.0 | 21.0 | | |
| 05 | 10 | 76 | 1335 | | | .3 | | 0.014 | 0.003 | 0.030 | 0.280 | 0.010 | 0.355 | 277.0 | 22.0 | | |
| 16 | 11 | 76 | 1335 | | | .3 | | 0.042 | 0.007 | 0.138 | 0.740 | 0.006 | 0.889 | 363.0 | 21.0 | | |
| 14 | 12 | 76 | 1355 | | | .3 | | 0.064 | 0.015 | 0.176 | 0.820 | 0.008 | 1.270 | 381.0 | 24.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 0.150 | 0.043 | 0.196 | 1.340 | 0.080 | 2.080 | 471.0 | 81.0 | | 261 |
| AVG OR GEOM MN (*) | | | | | | | | 0.074 | 0.014 | 0.112 | 0.787 | 0.025 | 1.170 | 310.8 | 30.4 | | 243 |
| MINIMUM | | | | | | | | 0.014 | 0.001 | 0.010 | 0.280 | 0.006 | 0.355 | 224.0 | 8.3 | | 224 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1620 | | | .3 | | 550 | 8.40 | 14.0 | 30.0 | | | | | | |
| 09 | 02 | 76 | 1600 | | | .3 | | 520 | 40.00 | 18.5 | 15.0 | | | | | | |
| 08 | 03 | 76 | 1445 | | | .3 | | 345 | 24.00 | 8.8 | 17.5 | | | | | | |
| 12 | 04 | 76 | 1440 | | | .3 | | 295 | 41.00 | 6.7 | 28.0 | | | | | | |
| 11 | 05 | 76 | 1415 | | | .3 | | 400 | 22.00 | 10.0 | 16.0 | | | | | | |
| 15 | 06 | 76 | 1350 | | | .3 | | 380 | 5.20 | 9.8 | 16.5 | | | | | | |
| 13 | 07 | 76 | 1325 | | | .3 | | 342 | 25.00 | 1.5 | 5.5 | | | | | | |
| 17 | 08 | 76 | 1330 | | | .3 | | 390 | 24.00 | 10.0 | 18.0 | | | | | | |
| 14 | 09 | 76 | 1335 | | | .3 | | 375 | 24.00 | 10.5 | 19.0 | | | | | | |
| 05 | 10 | 76 | 1335 | | | .3 | | 415 | 24.00 | 12.5 | 20.0 | | | | | | |
| 16 | 11 | 76 | 1335 | | | .3 | | 540 | 25.00 | 19.5 | 30.5 | | | | | | |
| 14 | 12 | 76 | 1355 | | | .3 | | 550 | 24.00 | 16.0 | 31.5 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 550 | 41.00 | 19.5 | 31.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 425 | 23.88 | 11.5 | 20.6 | | | | | | |
| MINIMUM | | | | | | | | 295 | 5.20 | 1.5 | 5.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W. / SITE: GRAND RIVER
 SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM LUTHER LAKE DAM
 STATION TYPE: RIVER

STATION ID: 16-0184-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 19 LAT LONG U.T.M. 17 0548025.0 4868200.0 4 REGION 02 MILEAGE 168.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 32429 | | | 10. | 8. | 1. | | 2.0 | 9.4 | 1.4 |
| 09 | 02 | 76 | 1440 | | | .3 | | 32465 | | | 10. L | 10. L | 10. L | | 1.5 | 7.2 | 0.6 |
| 08 | 03 | 76 | 1305 | | | .3 | | 32501 | | | 10. L | 10. L | 100. L | | 1.5 | 6.8 | 1.0 |
| 12 | 04 | 76 | 1335 | | | .3 | | 32514 | | | 70. | 1. | 1. | | 6.0 | 10.4 | 1.0 |
| 11 | 05 | 76 | 1300 | | | .3 | | 32563 | | | 160. | 20. | 1. | | 11.0 | 12.0 | 1.8 |
| 15 | 06 | 76 | 1155 | | | .3 | | 32599 | 2 | | 400. | | 600. G | | 22.0 | 9.0 | 0.6 |
| 13 | 07 | 76 | 1200 | | | .3 | | 32635 | | | 200. | | 4. | | 20.0 | 9.0 | 1.6 |
| 17 | 08 | 76 | 1200 | | | .3 | | 32671 | | | 100. L | | 4. | | 21.0 | 9.2 | 1.4 |
| 14 | 09 | 76 | 1220 | | | .3 | | 32707 | | | 50. | 12. | 1. | | 19.0 | 8.8 | 1.6 |
| 05 | 10 | 76 | 1205 | | | .3 | | 32743 | | | 90. | 16. | 8. | | 15.0 | 9.0 | 1.2 |
| 16 | 11 | 76 | 1205 | | | .3 | | 32779 | | | 60. | 2. | 2. | | 3.0 | 10.6 | 0.6 |
| 14 | 12 | 76 | 1220 | | | .3 | | 32815 | | | 20. | 2. L | 2. L | | 2.0 | 9.8 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 0.026 | 0.001 | 0.140 | 0.930 | 0.005 | 0.080 | 183.0 | 7.0 | | 176 |
| 09 | 02 | 76 | 1440 | | | .3 | | 0.030 | 0.002 | 0.305 | 1.220 | 0.005 | 0.080 | 178.0 | 2.6 | | |
| 08 | 03 | 76 | 1305 | | | .3 | | 0.043 | 0.002 | 0.244 | 1.160 | 0.007 | 0.128 | 209.0 | 4.0 | | 205 |
| 12 | 04 | 76 | 1335 | | | .3 | | 0.038 | 0.002 | 0.036 | 0.510 | 0.004 | 0.066 | 148.0 | 11.0 | | |
| 11 | 05 | 76 | 1300 | | | .3 | | 0.061 | 0.001 | 0.046 | 0.780 | 0.003 | 0.005L | 161.0 | 21.0 | | 140 |
| 15 | 06 | 76 | 1155 | | | .3 | | 0.070 | 0.001 | 0.070 | 1.420 | 0.002 | 0.005L | 161.0 | 21.0 | | |
| 13 | 07 | 76 | 1200 | | | .3 | | 0.038 | 0.003 | 0.068 | 0.800 | 0.002 | 0.005L | 129.0 | 9.3 | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 0.054 | 0.002 | 0.068 | 0.920 | 0.002 | 0.005L | 118.0 | 14.0 | | |
| 14 | 09 | 76 | 1220 | | | .3 | | 0.046 | 0.004 | 0.020 | 0.760 | 0.001 | 0.005L | 108.0 | 9.9 | | |
| 05 | 10 | 76 | 1205 | | | .3 | | 0.016 | 0.006 | 0.008 | 0.640 | 0.001 | 0.005L | 111.0 | 7.0 | | |
| 16 | 11 | 76 | 1205 | | | .3 | | 0.015 | 0.003 | 0.006 | 0.610 | 0.002 | 0.283 | 328.0 | 2.1 | | |
| 14 | 12 | 76 | 1220 | | | .3 | | 0.019 | 0.003 | 0.066 | 0.730 | 0.001 | 0.005L | 146.0 | 5.9 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 270 | 1.00 | 2.1 | 8.0 | | | | | | |
| 09 | 02 | 76 | 1440 | | | .3 | | 300 | 1.80 | 2.5 | 6.5 | | | | | | |
| 08 | 03 | 76 | 1305 | | | .3 | | 315 | 2.30 | 2.8 | 8.0 | | | | | | |
| 12 | 04 | 76 | 1335 | | | .3 | | 210 | 3.70 | 1.9 | 14.0 | | | | | | |
| 11 | 05 | 76 | 1300 | | | .3 | | 215 | 7.10 | 2.0 | 5.5 | | | | | | |
| 15 | 06 | 76 | 1155 | | | .3 | | 213 | 6.80 | 2.6 | 5.5 | | | | | | |
| 13 | 07 | 76 | 1200 | | | .3 | | 185 | 4.60 | 1.4 | 55.0 | | | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 160 | 6.00 | 1.3 | 4.0 | | | | | | |
| 14 | 09 | 76 | 1220 | | | .3 | | 152 | 5.00 | 1.2 | 4.0 | | | | | | |
| 05 | 10 | 76 | 1205 | | | .3 | | 160 | 3.50 | 1.0 | 3.5 | | | | | | |
| 16 | 11 | 76 | 1205 | | | .3 | | 500 | 1.60 | 6.8 | 28.0 | | | | | | |
| 14 | 12 | 76 | 1220 | | | .3 | | 215 | 2.00 | 1.6 | 5.5 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: BADEN CREEK
 SAMPLE POINT: AT HIGHWAYS 7 AND 8 BADEN
 STATION TYPE: RIVER

STATION ID: 16-0184-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 20 | LAT | LONG | U.T.M. 17 0527450.0 4804650.0 4 | | | | | | | | | REGION 02 | MILEAGE | 128.60 | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 605 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 32416 | | | 17000E+1 | 3700. | 300. | | 0.0 | 10.2 | 4.0 |
| 09 02 | 76 | 1155 | | | .3 | | 32452 | | | 3000. | 900. | 200. | | 0.0 | 7.2 | 1.2 |
| 08 03 | 76 | 1145 | | | .3 | | 32488 | | | 4000. | 10. | 100. | L | 2.0 | 10.2 | 1.6 |
| 12 04 | 76 | 1135 | | | .3 | | 32537 | | | 400. | 64. | 284. | | 7.0 | 10.6 | 1.4 |
| 10 05 | 76 | 1045 | | | .3 | | 32550 | | | 3600. | 320. | 70. | | 13.0 | 12.4 | 1.4 |
| 14 06 | 76 | 1125 | | | .3 | | 32586 | | | | | 40. | | 21.0 | 7.0 | 3.6 |
| 12 07 | 76 | 1105 | | | .3 | | 32622 | | | 10000. | | 680. | | 16.0 | 9.2 | 0.4 |
| 16 08 | 76 | 1120 | | | .3 | | 32658 | | | 8000. | 1. | 640. | | 16.0 | 3.4 | 4.0 |
| 13 09 | 76 | 1120 | | | .3 | | 32694 | | | 10000. | 4000. | 1480. | | 16.0 | 9.8 | 2.3 |
| 04 10 | 76 | 1135 | | | .3 | | 32730 | | | 18000. | 680. | 60. | | 13.0 | 10.0 | 1.8 |
| 15 11 | 76 | 1140 | | | .3 | | 32766 | | | 31000. | 170. | 450. | | 4.0 | 9.6 | 1.5 |
| 13 12 | 76 | 1130 | | | .3 | | 32802 | | | 8000. | 900. | 640. | | 0.0 | 6.8 | 1.8 |
| MAXIMUM | | | | | | | | | | 17000E+1 | 4000. | 1480. | | 21.0 | 12.4 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 8146.* | 221.* | 248.* | D | 9.0 | 8.9 | 2.1 |
| MINIMUM | | | | | | | | | | 400. | 1. | 40. | | 0.0 | 3.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 11 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 0.240 | 0.051 | 0.440 | 1.300 | 0.026 | 2.100 | 473.0 | 76.0 | | |
| 09 02 | 76 | 1155 | | | .3 | | 0.120 | 0.045 | 0.300 | 0.680 | 0.019 | 2.030 | 566.0 | 28.0 | | |
| 08 03 | 76 | 1145 | | | .3 | | 0.720 | 0.590 | 0.390 | 1.100 | 0.019 | 2.130 | 450.0 | 48.0 | | |
| 12 04 | 76 | 1135 | | | .3 | | 0.084 | 0.032 | 0.106 | 0.560 | 0.021 | 1.180 | 302.0 | 9.4 | | |
| 10 05 | 76 | 1045 | | | .3 | | 0.098 | 0.027 | 0.116 | 0.930 | 0.040 | 1.810 | 391.0 | 10.0 | | |
| 14 06 | 76 | 1125 | | | .3 | | 0.402 | 0.130 | 0.107 | 1.240 | 0.185 | 1.210 | 382.0 | 124.0 | | |
| 12 07 | 76 | 1105 | | | .3 | | 0.113 | 0.080 | 0.148 | 0.500 | 0.074 | 3.150 | 343.0 | 15.0 | | |
| 16 08 | 76 | 1120 | | | .3 | | 0.275 | 0.078 | 0.287 | 1.000 | 0.100 | 2.000 | 675.0 | 85.0 | | |
| 13 09 | 76 | 1120 | | | .3 | | 0.190 | 0.061 | 0.250 | 0.800 | 0.061 | 1.540 | 460.0 | 66.0 | | |
| 04 10 | 76 | 1135 | | | .3 | | 0.116 | 0.052 | 0.092 | 0.520 | 0.032 | 1.450 | 360.0 | 24.0 | | |
| 15 11 | 76 | 1140 | | | .3 | | 0.128 | 0.026 | 0.112 | 0.480 | 0.017 | 2.010 | 542.0 | 87.0 | | |
| 13 12 | 76 | 1130 | | | .3 | | 0.258 | 0.080 | 0.162 | 0.370 | 0.017 | 1.590 | 473.0 | 97.0 | | |
| MAXIMUM | | | | | | | 0.720 | 0.590 | 0.440 | 1.300 | 0.185 | 3.150 | 675.0 | 124.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.229 | 0.104 | 0.209 | 0.790 | 0.051 | 1.850 | 451.4 | 55.8 | | |
| MINIMUM | | | | | | | 0.084 | 0.026 | 0.092 | 0.370 | 0.017 | 1.180 | 302.0 | 9.4 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 | 76 | 1230 | | | .3 | | 570 | 41.00 | 15.5 | 37.5 | | | | | | |
| 09 02 | 76 | 1155 | | | .3 | | 840 | 16.00 | 100.0 | 33.0 | | | | | | |
| 08 03 | 76 | 1145 | | | .3 | | 700 | 27.00 | 98.0 | 25.5 | | | | | | |
| 12 04 | 76 | 1135 | | | .3 | | 490 | 5.40 | 22.0 | 30.0 | | | | | | |
| 10 05 | 76 | 1045 | | | .3 | | 600 | 5.50 | 36.5 | 30.0 | | | | | | |
| 14 06 | 76 | 1125 | | | .3 | | 464 | 55.00 | 9.6 | 31.0 | | | | | | |
| 12 07 | 76 | 1105 | | | .3 | | 478 | 11.00 | 11.5 | 33.0 | | | | | | |
| 16 08 | 76 | 1120 | | | .3 | | 915 | 40.00 | 130.0 | 38.5 | | | | | | |
| 13 09 | 76 | 1120 | | | .3 | | 660 | 36.00 | 53.0 | 33.5 | | | | | | |
| 04 10 | 76 | 1135 | | | .3 | | 540 | 14.00 | 11.0 | 32.0 | | | | | | |
| 15 11 | 76 | 1140 | | | .3 | | 780 | 27.00 | 78.0 | 40.5 | | | | | | |
| 13 12 | 76 | 1130 | | | .3 | | 590 | 50.00 | 17.0 | 38.5 | | | | | | |
| MAXIMUM | | | | | | | 915 | 55.00 | 130.0 | 40.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 636 | 27.33 | 48.5 | 33.6 | | | | | | |
| MINIMUM | | | | | | | 464 | 5.40 | 9.6 | 25.5 | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: BLOSSOM AVE BRIDGE NEWPORT
 STATION TYPE: RIVER

STATION ID: 16-0184-024-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 24 | LAT | LONG | U.T.M. 17 0561750.0 4771900.0 4 | REGION 02 | MILEAGE | 49.00 | | | | | | | | | |
|------------|-----------|----------|-------------|---------------------------------|-----------------------|---------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1410 | | | .3 | 32405 | 4 | | 700. | 20. | 30. | | 0.0 | 8.6 | 2.6 |
| 09 | 02 | 76 | 1335 | | | .3 | 32441 | | | 100. | 10 | 10. | L | 0.0 | 6.6 | 1.4 |
| 08 | 03 | 76 | 1235 | | | .3 | 32477 | 3 | | 1100. | 700. | 60. | | 0.0 | 11.0 | 1.2 |
| 12 | 04 | 76 | 1215 | | | .3 | 32526 | | | 200. | 1. | 1. | | 5.0 | 10.4 | 1.2 |
| 17 | 05 | 76 | 1210 | | | .3 | 32575 | | | 100. | 12. | 12. | | 17.0 | 8.2 | 1.6 |
| 21 | 06 | 76 | 1255 | | | .3 | 32611 | | | 500. | | 20. | | 20.0 | 8.4 | 1.8 |
| 19 | 07 | 76 | 1235 | | | .3 | 32647 | | | | | | | 22.0 | 8.2 | 1.2 |
| 23 | 08 | 76 | 1235 | | | .3 | 32683 | | | 3800. | 92. | 4. | | 23.0 | 7.4 | 1.0 |
| 20 | 09 | 76 | 1245 | | | .3 | 32719 | | | 5000. | 292. | 880. | | 19.0 | 8.2 | 1.4 |
| 05 | 10 | 76 | 1300 | | | .3 | 32755 | | | 100. | 10. | 10. | L | 10.0 | 8.4 | 1.1 |
| 22 | 11 | 76 | 1230 | | | .3 | 32791 | | | 2100. | 48. | 8. | | 2.5 | 9.6 | 1.2 |
| 20 | 12 | 76 | 1230 | | | .3 | 32826 | | | 1700. | 20. | 152. | | 0.0 | 10.8 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

5000.
 620.* D
 100.

23.0
 9.9
 0.0

NO OF SAMPLES

11 10 11

12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1410 | | | | 0.065 | 0.031 | 0.700 | 1.300 | 0.025 | 2.700 | 528.0 | 6.0 | | |
| 09 | 02 | 76 | 1335 | | | | 0.074 | 0.043 | 0.775 | 1.480 | 0.019 | 2.960 | 511.0 | 5.6 | | |
| 08 | 03 | 76 | 1235 | | | | 0.156 | 0.052 | 0.248 | 0.940 | 0.022 | 3.030 | 332.0 | 60.0 | | |
| 12 | 04 | 76 | 1215 | | | | 0.075 | 0.028 | 0.350 | 0.910 | 0.050 | 2.850 | 411.0 | 16.0 | | |
| 17 | 05 | 76 | 1210 | | | | 0.044 | 0.006 | 0.066 | 0.700 | 0.080 | 2.620 | 399.0 | 12.0 | | |
| 21 | 06 | 76 | 1255 | | | | 0.128 | 0.005 | 0.039 | 1.100 | 0.130 | 2.070 | 507.0 | 27.0 | | |
| 19 | 07 | 76 | 1235 | | | | 0.122 | 0.023 | 0.024 | 0.700 | 0.008 | 1.070 | 498.0 | 58.0 | | |
| 23 | 08 | 76 | 1235 | | | | 0.126 | 0.028 | 0.040 | 0.840 | 0.016 | 1.070 | 396.0 | 32.0 | | |
| 20 | 09 | 76 | 1245 | | | | 0.132 | 0.069 | 0.114 | 0.300 | 0.042 | 1.130 | 353.0 | 33.0 | | |
| 05 | 10 | 76 | 1300 | | | | 0.087 | 0.027 | 0.080 | 0.640 | 0.085 | 1.670 | 406.0 | 22.0 | | |
| 22 | 11 | 76 | 1230 | | | | 0.042 | 0.020 | 0.374 | 0.970 | 0.069 | 1.980 | 474.0 | 6.6 | | |
| 20 | 12 | 76 | 1230 | | | | 0.098 | 0.051 | 0.700 | 1.240 | 0.032 | 2.110 | 522.0 | 24.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.156 0.069 0.775 1.480 0.130 3.030 528.0 60.0
 0.096 0.032 0.293 0.927 0.048 2.105 444.8 25.2
 0.042 0.005 0.024 0.300 0.008 1.070 332.0 5.6

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1410 | | | | 800 | 3.30 | 45.0 | | | | | | | |
| 09 | 02 | 76 | 1335 | | | | 780 | 2.50 | 44.0 | | | | | | | |
| 08 | 03 | 76 | 1235 | | | | 435 | 26.00 | 18.0 | | | | | | | |
| 12 | 04 | 76 | 1215 | | | | 600 | 8.40 | 31.0 | | | | | | | |
| 17 | 05 | 76 | 1210 | | | | 600 | 3.50 | 28.5 | 60.0 | | | | | | |
| 21 | 06 | 76 | 1255 | | | | 670 | 19.00 | 44.0 | | | | | | | |
| 19 | 07 | 76 | 1235 | | | | 620 | 20.00 | 38.5 | | | | | | | |
| 23 | 08 | 76 | 1235 | | | | 590 | 18.00 | 33.5 | | | | | | | |
| 20 | 09 | 76 | 1245 | | | | 500 | 25.00 | 25.5 | | | | | | | |
| 05 | 10 | 76 | 1300 | | | | 700 | 10.00 | 33.0 | | | | | | | |
| 22 | 11 | 76 | 1230 | | | | 740 | 3.60 | 43.5 | | | | | | | |
| 20 | 12 | 76 | 1230 | | | | 770 | 7.00 | 50.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

800 26.00 50.0 60.0
 650 12.19 36.2 60.0
 435 2.50 18.0 60.0

NO OF SAMPLES

12 12 12 1

B.O.W. / SITE: ALDER CREEK
 SAMPLE POINT: AT MANNHEIM BRIDGE
 STATION TYPE: RIVER

STATION ID: 16-0184-026-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 26 | LAT | LONG | U.T.M. 17 0536500.0 4804800.0 4 | REGION 02 | MILEAGE | 117.00 | | | | | | | | | |
|---------|-----------|----------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 12 | 01 | 76 | 1320 | | .3 | | 32418 | | | 50. | 10. | 100. | L | 0.0 | 7.0 | 2.8 |
| 09 | 02 | 76 | 1240 | | .3 | | 32454 | | | 100. | L | 100. | L | 0.0 | 8.0 | 3.6 |
| 08 | 03 | 76 | 1230 | | .3 | | 32490 | | | 470. | 20. | 100. | L | 1.0 | 8.6 | 1.8 |
| 12 | 04 | 76 | 1210 | | .3 | | 32539 | | | 100. | 1. | 1. | | 7.0 | 9.2 | 1.0 |
| 10 | 05 | 76 | 1120 | | .3 | | 32552 | | | 6000. | 20. | 20. | | 13.0 | 13.6 | 1.2 |
| 14 | 06 | 76 | 1155 | | .3 | | 32588 | | | 4000. | | 4. | | 23.0 | 11.4 | 2.2 |
| 12 | 07 | 76 | 1130 | | .3 | | 32624 | | | 5000. | | 348. | | 17.5 | 7.8 | 8.0 |
| 16 | 08 | 76 | 1155 | | .3 | | 32660 | | | 600. | 1. | 96. | | 17.0 | 7.8 | 3.4 |
| 13 | 09 | 76 | 1150 | | .3 | | 32696 | | | 3800. | 1600. | 340. | | 17.0 | 6.6 | 2.2 |
| 04 | 10 | 76 | 1210 | | .3 | | 32732 | | | 11000. | 400. | 40. | | 13.0 | 9.8 | 2.2 |
| 15 | 11 | 76 | 1215 | | .3 | | 32768 | | | 500. | 20. | 16. | | 1.0 | 8.4 | 6.5 |
| 13 | 12 | 76 | 1205 | | .3 | | 32804 | | | 500. | 16. | 8. | | 0.0 | 3.8 | 6.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

11000.
 866.* D
 50.

NO OF SAMPLES

12 10 12 12 12

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 | 01 | 76 | 1320 | | .3 | | 0.610 | 0.400 | 0.800 | 1.100 | 0.150 | 7.600 | 534.0 | 19.0 | | |
| 09 | 02 | 76 | 1240 | | .3 | | 0.405 | 0.290 | 0.470 | 1.200 | 0.280 | 5.120 | 481.0 | 21.0 | | |
| 08 | 03 | 76 | 1230 | | .3 | | 0.270 | 0.115 | 0.440 | 1.280 | 0.031 | 3.740 | 385.0 | 26.0 | | |
| 12 | 04 | 76 | 1210 | | .3 | | 0.340 | 0.270 | 0.182 | 0.820 | 0.037 | 3.400 | 444.0 | 11.0 | | |
| 10 | 05 | 76 | 1120 | | .3 | | 0.195 | 0.140 | 0.058 | 1.460 | 0.045 | 2.860 | 415.0 | 6.7 | | |
| 14 | 06 | 76 | 1155 | | .3 | | 1.440 | 1.350 | | 0.960 | 0.440 | 1.310 | 431.0 | 8.3 | | |
| 12 | 07 | 76 | 1130 | | .3 | | 3.650 | 2.880 | 3.100 | 4.500 | 0.065 | 1.840 | 529.0 | 14.0 | | |
| 16 | 08 | 76 | 1155 | | .3 | | 0.850 | 0.850 | 0.320 | 0.420 | 0.620 | 2.880 | 477.0 | 9.3 | | |
| 13 | 09 | 76 | 1150 | | .3 | | 1.580 | 1.460 | 0.045 | 0.820 | 0.052 | 2.550 | 494.0 | 8.5 | | |
| 04 | 10 | 76 | 1210 | | .3 | | 1.730 | 1.650 | 0.016 | 0.740 | 0.028 | 2.270 | 459.0 | 5.0 | | |
| 15 | 11 | 76 | 1215 | | .3 | | 0.815 | 0.640 | 2.840 | 4.000 | 0.340 | 5.210 | 489.0 | 19.0 | | |
| 13 | 12 | 76 | 1205 | | .3 | | 1.230 | 0.250 | 6.000 | 7.300 | 0.012 | 1.040 | 510.0 | 27.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

3.650 2.880 6.000 7.300 0.620 7.600 534.0 27.0
 1.093 0.858 1.297 2.050 0.175 3.318 470.7 14.6
 0.195 0.115 0.016 0.420 0.012 1.040 385.0 5.0

NO OF SAMPLES

12 12 11 12 12 12 12 12

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 | 01 | 76 | 1320 | | .3 | | 720 | 3.20 | 40.0 | | | | | | | |
| 09 | 02 | 76 | 1240 | | .3 | | 720 | 5.70 | 40.5 | | | | | | | |
| 08 | 03 | 76 | 1230 | | .3 | | 550 | 6.40 | 29.5 | | | | | | | |
| 12 | 04 | 76 | 1210 | | .3 | | 600 | 4.20 | 39.0 | | | | | | | |
| 10 | 05 | 76 | 1120 | | .3 | | 600 | 2.00 | 32.0 | | | | | | | |
| 14 | 06 | 76 | 1155 | | .3 | | 700 | 3.30 | 44.0 | | | | | | | |
| 12 | 07 | 76 | 1130 | | .3 | | 770 | 4.90 | 49.5 | | | | | | | |
| 16 | 08 | 76 | 1155 | | .3 | | 690 | 4.20 | 41.0 | | | | | | | |
| 13 | 09 | 76 | 1150 | | .3 | | 760 | 5.50 | 17.0 | | | | | | | |
| 04 | 10 | 76 | 1210 | | .3 | | 720 | 3.00 | 46.0 | | | | | | | |
| 15 | 11 | 76 | 1215 | | .3 | | 780 | 4.90 | 55.0 | | | | | | | |
| 13 | 12 | 76 | 1205 | | .3 | | 800 | 6.50 | 50.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

800 6.50 55.0
 701 4.48 40.3
 550 2.00 17.0

NO OF SAMPLES

12 12 12

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT COCKSUTTS BRIDGE BRANTFORD
 STATION TYPE: RIVER FLOW GAUGE FED 02GA001

STATION ID: 16-0184-027-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 27 LAT LONG U.T.M. 17 0561425.0 4773050.0 4 REGION 02 MILEAGE 57.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 32406 | | 1040.00 | 920. | 60. | 10. | L | 0.0 | 11.2 | 1.4 |
| 09 | 02 | 76 | 1355 | | | .3 | | 32442 | 4 | 1160.00 | 80. | 10. | L | L | 0.0 | 11.0 | 2.0 |
| 08 | 03 | 76 | 1255 | | | .3 | | 32478 | | 9630.00 | 1600. | 10. | L | 80. | 0.0 | 12.2 | 1.6 |
| 12 | 04 | 76 | 1235 | | | .3 | | 32527 | | 1800.00 | 800. | 1. | | 1. | 5.0 | 10.2 | 0.8 |
| 17 | 05 | 76 | 1230 | | | .3 | | 32576 | | 2180.00 | 140. | 1. | | 8. | 16.0 | 10.8 | 1.4 |
| 21 | 06 | 76 | 1310 | | | .3 | | 32612 | | 903.00 | 700. | | | 4. | 20.0 | 8.6 | 1.6 |
| 19 | 07 | 76 | 1300 | | | .3 | | 32648 | | 884.00 | | | | | 24.0 | 10.6 | 0.8 |
| 23 | 08 | 76 | 1250 | | | .3 | | 32684 | | 1020.00 | 140. | 28. | | 1. | 24.0 | 8.0 | 0.8 |
| 20 | 09 | 76 | 1310 | | | .3 | | 32720 | | 1800.00 | 1500. | 280. | | 32. | 19.0 | 8.0 | 1.2 |
| 12 | 10 | 76 | 1315 | | | .3 | | 32756 | | 1180.00 | 11000. | 36. | | 4. | 11.0 | 7.8 | 0.4 |
| 22 | 11 | 76 | 1300 | | | .3 | | 32792 | | 970.00 | 5600. | 180. | | 4. | 2.0 | 9.2 | 1.2 |
| 20 | 12 | 76 | 1245 | | | .3 | | 32827 | | 910.00 | 3900. | 132. | | 364. | 0.0 | 9.6 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

9630.00 11000.
 1956.42 933.*
 884.00 80.

24.0 12.2 2.0
 10.1 9.8 1.2
 0.0 7.8 0.4

NO OF SAMPLES

12 11 10 11 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 0.077 | 0.034 | 0.400 | 1.200 | 0.015 | 2.900 | 519.0 | 11.0 | | |
| 09 | 02 | 76 | 1355 | | | .3 | | 0.180 | 0.037 | 0.750 | 1.520 | 0.014 | 3.290 | 623.0 | 70.0 | | |
| 08 | 03 | 76 | 1255 | | | .3 | | 0.146 | 0.048 | 0.224 | 0.860 | 0.020 | 3.180 | 366.0 | 52.0 | | |
| 12 | 04 | 76 | 1235 | | | .3 | | 0.076 | 0.028 | 0.306 | 0.790 | 0.045 | 2.900 | 417.0 | 20.0 | | |
| 17 | 05 | 76 | 1230 | | | .3 | | 0.038 | 0.004 | 0.014 | 0.260 | 0.043 | 2.360 | 418.0 | 14.0 | | |
| 21 | 06 | 76 | 1310 | | | .3 | | 0.114 | 0.004 | 0.029 | 0.820 | 0.043 | 1.660 | 487.0 | 27.0 | | |
| 19 | 07 | 76 | 1300 | | | .3 | | 0.062 | 0.005 | 0.014 | 0.640 | 0.010 | 1.070 | 467.0 | 27.0 | | |
| 23 | 08 | 76 | 1250 | | | .3 | | 0.112 | 0.030 | 0.030 | 0.700 | 0.007 | 0.943 | 385.0 | 25.0 | | |
| 20 | 09 | 76 | 1310 | | | .3 | | 0.106 | 0.057 | 0.038 | 0.580 | 0.022 | 1.210 | 383.0 | 57.0 | | |
| 12 | 10 | 76 | 1315 | | | .3 | | 0.041 | 0.011 | 0.012 | 0.540 | 0.020 | 1.630 | 395.0 | 6.6 | | |
| 22 | 11 | 76 | 1300 | | | .3 | | 0.033 | 0.003 | 0.106 | 0.790 | 0.015 | 2.030 | 469.0 | 4.6 | | |
| 20 | 12 | 76 | 1245 | | | .3 | | 0.068 | 0.021 | 0.520 | 1.060 | 0.011 | 2.090 | 503.0 | 18.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.180 0.057 0.750 1.520 0.045 3.290 623.0 70.0
 0.088 0.024 0.204 0.813 0.022 2.105 452.7 27.7
 0.033 0.003 0.012 0.260 0.007 0.943 366.0 4.6

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | 770 | 2.50 | 44.0 | | | 0.0 | 249 | 8.30 | 0.43 | |
| 09 | 02 | 76 | 1355 | | | .3 | | 770 | 5.00 | 41.5 | | | 3.4 | 250 | 8.10 | 1.60 | |
| 08 | 03 | 76 | 1255 | | | .3 | | 435 | 27.00 | 18.0 | | | 1.0 | 162 | 7.80 | 0.80 | |
| 12 | 04 | 76 | 1235 | | | .3 | | 600 | 7.40 | 30. | | | 0.0 | 202 | 8.70 | | 0.55 |
| 17 | 05 | 76 | 1230 | | | .3 | | 600 | 3.00 | 28.0 | 60.0 | | 1.2 | 204 | 8.37 | | 0.400 |
| 21 | 06 | 76 | 1310 | | | .3 | | 650 | 15.00 | 40.0 | | | 0.0 | 197 | 8.47 | | 0.800 |
| 19 | 07 | 76 | 1300 | | | .3 | | 580 | 15.00 | 34.5 | | | 0.0 | 176 | 8.59 | | 0.660 |
| 23 | 08 | 76 | 1250 | | | .3 | | 580 | 7.00 | 31.0 | | | 0.0 | 181 | 8.52 | | 0.620 |
| 20 | 09 | 76 | 1310 | | | .3 | | 520 | 33.00 | 25.5 | | | 2.1 | 168 | 8.20 | | 1.000 |
| 12 | 10 | 76 | 1315 | | | .3 | | 700 | 4.60 | 32.0 | | | 0.0 | 201 | 8.70 | | 0.160 |
| 22 | 11 | 76 | 1300 | | | .3 | | 720 | 2.00 | 39.5 | | | 0.0 | 237 | 8.40 | | 0.100 |
| 20 | 12 | 76 | 1245 | | | .3 | | 760 | 7.50 | 48.5 | | | 5.0 | 237 | 8.10 | | 0.560 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

770 33.00 48.5 60.0 5.0 250 8.70 1.60 1.000
 640 10.75 34.4 60.0 1.1 205 8.35 0.94 0.539
 435 2.00 18.0 60.0 0.0 162 7.80 0.43 0.100

NO OF SAMPLES

12 12 12 1 12 12 12 3 9

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 12 | 01 | 76 | 1430 | | | .3 | | | 356.0 | | | 20 | | | | | |
| 09 | 02 | 76 | 1355 | | | .3 | | | 376.0 | | | 10 | | | | | |
| 08 | 03 | 76 | 1255 | | | .3 | | | 210.0 | | | | | | | | |
| 12 | 04 | 76 | 1235 | | | .3 | | | 294.0 | | | 10 | | | | | |
| 17 | 05 | 76 | 1230 | | | .3 | | | 302.0 | | | 15 | | | 7 | | |
| 21 | 06 | 76 | 1310 | | | .3 | | | 308.0 | | | 30 | | | | | |
| 19 | 07 | 76 | 1300 | | | .3 | | | 274.0 | 74.00 | 21.70 | 20 | | | | | |
| 23 | 08 | 76 | 1250 | | | .3 | | | 259.0 | 69.00 | 21.00 | 40 | | | | | |
| 20 | 09 | 76 | 1310 | | | .3 | | | 241.0 | 66.00 | 18.50 | 40 | | | | | |
| 12 | 10 | 76 | 1315 | | | .3 | | | 293.0 | 77.00 | 24.50 | 30 | | | | | |
| 22 | 11 | 76 | 1300 | | | .3 | | | 331.0 | 89.00 | 26.50 | 30 | | | | | |
| 20 | 12 | 76 | 1245 | | | .3 | | | 344.0 | 95.00 | 26.00 | 30 | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

376.0 95.00 26.50 40
 299.0 78.33 23.03 25
 210.0 66.00 18.50 10

NO OF SAMPLES

12 6 6 11 1

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
 STATION TYPE: RIVER

STATION ID: 16-0184-028-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 28 | LAT | LONG | U.T.M. 17 0546650.0 4814025.0 4 | REGION 02 | MILEAGE | 106.80 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1025 | | .3 | | 32412 | | | 8900. | 50. | 30. | | 0.0 | 11.4 | 2.0 |
| 09 | 02 | 76 | 1025 | | .3 | | 32448 | | | 9000. | 600. | 400. | | 0.0 | 9.4 | 15.0 |
| 08 | 03 | 76 | 1010 | | .3 | | 32484 | | | 2700. | 10. | 190. | | 0.5 | 12.0 | 1.2 |
| 12 | 04 | 76 | 0955 | | .3 | | 32533 | | | 40. | 12. | 1. | | 4.0 | 8.6 | 0.4 |
| 10 | 05 | 76 | 0930 | | .3 | | 32546 | | | 100. | 80. | 10. | | 11.0 | 9.4 | 1.6 |
| 14 | 06 | 76 | 1000 | | .3 | | 32582 | | | 300. | | 8. | | 22.0 | 5.4 | 2.2 |
| 12 | 07 | 76 | 0955 | | .3 | | 32618 | | | 900. | | 28. | | 19.0 | 7.2 | 0.6 |
| 16 | 08 | 76 | 0950 | | .3 | | 32654 | | | 300. | 1. | 4. | | 19.0 | 8.8 | 1.2 |
| 13 | 09 | 76 | 0950 | | .3 | | 32690 | | | 200. | 52. | 1. | | 19.0 | 5.8 | 1.4 |
| 04 | 10 | 76 | 1005 | | .3 | | 32726 | | | 400. | 52. | 6. | | 14.0 | 8.2 | 1.2 |
| 15 | 11 | 76 | 1010 | | .3 | | 32762 | | | 230. | 8. | 2. | | 1.0 | 9.6 | 1.2 |
| 13 | 12 | 76 | 1005 | | .3 | | 32798 | | | 130. | 4. | 4. | | 0.0 | 9.8 | 1.0 |
| MAXIMUM | | | | | | | | | | 9000. | 600. | 400. | | 22.0 | 12.0 | 15.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 485.* | 22.* | 10.* | | 9.1 | 8.8 | 2.4 |
| MINIMUM | | | | | | | | | | 40. | 1. | 1. | | 0.0 | 5.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 | 01 | 76 | 1025 | | .3 | | 0.100 | 0.041 | 0.180 | 0.850 | 0.036 | 2.600 | 500.0 | 40.0 | | |
| 09 | 02 | 76 | 1025 | | .3 | | 1.170 | 0.024 | 0.160 | 4.100 | 0.043 | 3.090 | 1122.0 | 569.0 | | |
| 08 | 03 | 76 | 1010 | | .3 | | 0.093 | 0.034 | 0.170 | 0.720 | 0.020 | 3.230 | 291.0 | 15.0 | | |
| 12 | 04 | 76 | 0955 | | .3 | | 0.041 | 0.012 | 0.034 | 0.430 | 0.023 | 3.400 | 318.0 | 8.6 | | |
| 10 | 05 | 76 | 0930 | | .3 | | 0.075 | 0.001 | 0.090 | 1.530 | 0.016 | 1.980 | 296.0 | 17.0 | | |
| 14 | 06 | 76 | 1000 | | .3 | | 0.212 | 0.002 | 0.015 | 1.860 | 0.028 | 1.290 | 365.0 | 43.0 | | |
| 12 | 07 | 76 | 0955 | | .3 | | 0.042 | 0.009 | 0.004 | 0.620 | 0.008 | 1.400 | 303.0 | 13.0 | | |
| 16 | 08 | 76 | 0950 | | .3 | | 0.066 | 0.010 | 0.059 | 0.920 | 0.010 | 1.090 | 329.0 | 26.0 | | |
| 13 | 09 | 76 | 0950 | | .3 | | 0.060 | 0.010 | 0.028 | 0.740 | 0.005 | 0.480 | 282.0 | 19.0 | | |
| 04 | 10 | 76 | 1005 | | .3 | | 0.043 | 0.004 | 0.010 | 0.690 | 0.004 | 0.486 | 289.0 | 11.0 | | |
| 15 | 11 | 76 | 1010 | | .3 | | 0.022 | 0.002 | 0.002 | 0.560 | 0.007 | 1.240 | 371.0 | 2.7 | | |
| 13 | 12 | 76 | 1005 | | .3 | | 0.024 | 0.005 | 0.200 | 0.850 | 0.013 | 1.490 | 408.0 | 2.5 | | |
| MAXIMUM | | | | | | | 1.170 | 0.041 | 0.200 | 4.100 | 0.043 | 3.400 | 1122.0 | 569.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.162 | 0.013 | 0.079 | 1.156 | 0.018 | 1.815 | 406.2 | 63.9 | | |
| MINIMUM | | | | | | | 0.022 | 0.001 | 0.002 | 0.430 | 0.004 | 0.480 | 282.0 | 2.5 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 | 1025 | | .3 | | 660 | 5.50 | 27.0 | | | | | | | |
| 09 | 02 | 76 | 1025 | | .3 | | 670 | 180.00 | 23.5 | | | | | | | |
| 08 | 03 | 76 | 1010 | | .3 | | 430 | 9.10 | 12.5 | | | | | | | |
| 12 | 04 | 76 | 0955 | | .3 | | 500 | 9.80 | 24.0 | | | | | | | |
| 10 | 05 | 76 | 0930 | | .3 | | 440 | 5.50 | 12.0 | | | | | | | |
| 14 | 06 | 76 | 1000 | | .3 | | 480 | 8.80 | 18.0 | | | | | | | |
| 12 | 07 | 76 | 0955 | | .3 | | 421 | 5.50 | 14.5 | | | | | | | |
| 16 | 08 | 76 | 0950 | | .3 | | 465 | 9.50 | 16.5 | | | | | | | |
| 13 | 09 | 76 | 0950 | | .3 | | 410 | 9.60 | 13.5 | | | | | | | |
| 04 | 10 | 76 | 1005 | | .3 | | 450 | 5.00 | 16.5 | | | | | | | |
| 15 | 11 | 76 | 1010 | | .3 | | 570 | 5.00 | 19.5 | | | | | | | |
| 13 | 12 | 76 | 1005 | | .3 | | 610 | 3.60 | 24.5 | | | | | | | |
| MAXIMUM | | | | | | | 670 | 180.00 | 27.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 509 | 21.41 | 18.5 | | | | | | | |
| MINIMUM | | | | | | | 410 | 3.60 | 12.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: CONESTOGO RIVER
 SAMPLE POINT: AT WATERLOO COUNTY ROAD NO 22
 STATION TYPE: RIVER

STATION ID: 16-0184-029-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 29 | LAT | LONG | U.T.M. 17 0539200.0 4819125.0 4 | REGION 02 | MILEAGE | 120.30 | | | | | | | |
|---------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1810 | | | .3 | | 32435 | | | | | | | 0.0 | 9.0 | 5.0 |
| 09 02 76 1745 | | | .3 | | 32471 | | | 600. | 100. | L | 100. | 0.0 | 4.0 | 0.8 |
| 08 03 76 1630 | | | .3 | | 32507 | | | 1220. | 10. | L | 200. | 0.0 | 10.2 | 1.8 |
| 12 04 76 1550 | | | .3 | | 32520 | | | 100. | 48. | | 1. | 7.0 | 10.6 | 0.4 |
| 11 05 76 1555 | | | .3 | | 32569 | | | 400. | 36. | | 4. | 13.0 | 10.4 | 1.6 |
| 15 06 76 1520 | | | .3 | | 32605 | | | 140. | | | 4. | 21.0 | 9.4 | 1.2 |
| 13 07 76 1500 | | | .3 | | 32641 | | | 400. | | | 10. | 19.5 | 10.8 | 1.0 |
| 17 08 76 1510 | | | .3 | | 32677 | | | 100. | | | 1. | 24.0 | 7.0 | 1.0 |
| 13 09 76 1505 | | | .3 | | 32713 | | | 100. | 44. | | 16. | 22.0 | 8.8 | 0.8 |
| 05 10 76 1515 | | | .3 | | 32749 | | | 500. | 40. | | 16. | 17.0 | 10.8 | 1.2 |
| 16 11 76 1510 | | | .3 | | 32785 | | | 120. | 4. | | 1. | 3.0 | 10.0 | 0.7 |
| 14 12 76 1510 | | | .3 | | 32831 | | | 200. | 52. | | 94. | 0.0 | 9.2 | 9.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1220.
 246.
 100.

24.0
 10.5
 0.0

9.0
 2.0
 0.4

NO OF SAMPLES

11

8

11

12

12

12

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 01 76 1810 | | | .3 | | 0.065 | 0.003 | 0.230 | 1.600 | 0.030 | 3.800 | 479.0 | 43.0 | | |
| 09 02 76 1745 | | | .3 | | 0.057 | 0.014 | 0.240 | 0.820 | 0.019 | 3.180 | 481.0 | 57.0 | | |
| 08 03 76 1630 | | | .3 | | 0.162 | 0.052 | 0.186 | 0.820 | 0.024 | 2.830 | 318.0 | 68.0 | | 250 |
| 12 04 76 1550 | | | .3 | | 0.084 | 0.034 | 0.034 | 0.500 | 0.053 | 1.000 | 260.0 | 16.0 | | |
| 11 05 76 1555 | | | .3 | | 0.070 | 0.005 | 0.018 | 0.660 | 0.014 | 1.890 | 327.0 | 17.0 | | |
| 15 06 76 1520 | | | .3 | | 0.140 | 0.005 | 0.062 | 1.240 | 0.063 | 2.370 | 347.0 | 46.0 | | |
| 13 07 76 1500 | | | .3 | | 0.040 | 0.004 | 0.006 | 1.340 | 0.025 | 1.900 | 265.0 | 31.0 | | |
| 17 08 76 1510 | | | .3 | | 0.056 | 0.004 | 0.020 | 0.580 | 0.004 | 0.621 | 271.0 | 17.0 | | |
| 13 09 76 1505 | | | .3 | | 0.030 | 0.003 | 0.008 | 0.400 | 0.003 | 0.452 | 268.0 | 18.0 | | |
| 05 10 76 1515 | | | .3 | | 0.024 | 0.004 | 0.006 | 0.500 | 0.003 | 0.342 | 282.0 | 22.0 | | |
| 16 11 76 1510 | | | .3 | | 0.018 | 0.004 | 0.016 | 0.540 | 0.004 | 1.090 | 359.0 | 24.0 | | |
| 14 12 76 1510 | | | .3 | | 0.222 | 0.005 | 0.068 | 1.320 | 0.016 | 1.340 | 611.0 | 230.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.222
 0.081
 0.018

0.052
 0.011
 0.003

0.240
 0.075
 0.006

1.600
 0.860
 0.400

0.063
 0.022
 0.003

3.800
 1.735
 0.342

NO OF SAMPLES

12

12

12

12

12

12

12

12

12

1

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 76 1810 | | | .3 | | 660 | 5.70 | 20.0 | 50.0 | | | | | | |
| 09 02 76 1745 | | | .3 | | 680 | 30.00 | 17.0 | 43.0 | | | | | | |
| 08 03 76 1630 | | | .3 | | 385 | 37.00 | 10.5 | 21.0 | | | | | | |
| 12 04 76 1550 | | | .3 | | 375 | 27.00 | 8.6 | 27.5 | | | | | | |
| 11 05 76 1555 | | | .3 | | 450 | 18.00 | 11.5 | 25.0 | | | | | | |
| 15 06 76 1520 | | | .3 | | 415 | 8.30 | 13.5 | 29.0 | | | | | | |
| 13 07 76 1500 | | | .3 | | 362 | 10.00 | 10.0 | 23.0 | | | | | | |
| 17 08 76 1510 | | | .3 | | 390 | 11.00 | 11.5 | 31.0 | | | | | | |
| 13 09 76 1505 | | | .3 | | 385 | 11.00 | 11.5 | 24.5 | | | | | | |
| 05 10 76 1515 | | | .3 | | 420 | 18.00 | 13.0 | 26.5 | | | | | | |
| 16 11 76 1510 | | | .3 | | 540 | 10.00 | 21.0 | 43.0 | | | | | | |
| 14 12 76 1510 | | | .3 | | 610 | 120.00 | 23.5 | 42.5 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

680
 473
 362

120.00
 25.50
 5.70

23.5
 14.3
 8.6

50.0
 32.2
 21.0

NO OF SAMPLES

12

12

12

12

B.O.W./ SITE: LAUREL CREEK
 SAMPLE POINT: AT MOUTH BRIDGEPORT
 STATION TYPE: RIVER FLOW GAUGE FED 02GA024

STATION ID: 16-0184-030-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 30 | LAT | LONG | U.T.M. 17 0541900.0 4814400.0 4 | REGION 02 | MILEAGE | 110.40 | | | | | | | | | |
|---------|--------|-------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1110 | | .3 | | 32414 | | 12.00 | 85000. | 1600. | 3600. | | 0.0 | 10.4 | 2.8 |
| 09 | 02 | 76 | 1040 | | .3 | | 32449 | | 17.00 | 1000. | 100. | 100. | | 0.0 | 12.2 | 11.0 |
| 08 | 03 | 76 | 1045 | | .3 | | 32486 | | 55.60 | 9000. | 100. | 200. | | 0.0 | 8.6 | 1.0 |
| 12 | 04 | 76 | 1030 | | .3 | | 32535 | | 14.30 | 1200. | 70. | 10. | | 5.0 | 8.0 | 1.0 |
| 10 | 05 | 76 | 1000 | | .3 | | 32548 | | 27.70 | 1800. | 490. | 30. | | 12.5 | 10.8 | 1.4 |
| 14 | 06 | 76 | 1030 | | .3 | | 32584 | | 2.30 | 35000. | | 20. | | 20.0 | 8.4 | 0.4 |
| 12 | 07 | 76 | 1015 | | .3 | | 32620 | | 3.40 | 50000. | | 312. | | 17.5 | 7.8 | 0.8 |
| 16 | 08 | 76 | 1115 | | .3 | | 32656 | | 9.50 | 5000. | 1. | 104. | | 17.0 | 5.2 | 2.0 |
| 13 | 09 | 76 | 1020 | | .3 | | 32692 | | 2.20 | 7600. | 880. | 128. | | 17.0 | 4.0 | 1.0 |
| 04 | 10 | 76 | 1035 | | .3 | | 32728 | | 2.40 | 35000. | 750. | 48. | | 12.0 | 8.8 | 1.6 |
| 15 | 11 | 76 | 1040 | | .3 | | 32764 | | 29.50 | 2500. | 40. | 64. | | 1.0 | 9.0 | 2.4 |
| 13 | 12 | 76 | 1030 | | .3 | | 32800 | | 5.20 | 8000. | 2300. | 690. | | 0.0 | 7.4 | 3.5 |

| | | | | | | | | |
|--------------------|-------|-----------|----------|----------|--|------|------|------|
| MAXIMUM | 55.60 | 85000. | 2300. | 3600. | | 20.0 | 12.2 | 11.0 |
| AVG OR GEOM MN (*) | 15.09 | 8075. * D | 181. * D | 112. * D | | 8.5 | 8.4 | 2.4 |
| MINIMUM | 2.20 | 1000. | 1. | 10. | | 0.0 | 4.0 | 0.4 |
| NO OF SAMPLES | 12 | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 | 01 | 76 | 1110 | | .3 | | 0.054 | 0.001 | 0.330 | 0.850 | 0.037 | 2.500 | 552.0 | 15.0 | | |
| 09 | 02 | 76 | 1040 | | .3 | | 0.520 | 0.002 | 0.270 | 2.440 | 0.027 | 2.380 | 1085.0 | 291.0 | | |
| 08 | 03 | 76 | 1045 | | .3 | | 0.085 | 0.017 | 0.200 | 0.680 | 0.021 | 2.980 | 341.0 | 31.0 | | |
| 12 | 04 | 76 | 1030 | | .3 | | 0.039 | 0.002 | 0.086 | 0.600 | 0.017 | 3.100 | 432.0 | 7.0 | | |
| 10 | 05 | 76 | 1000 | | .3 | | 0.060 | 0.002 | 0.090 | 0.900 | 0.015 | 1.540 | 393.0 | 11.0 | | |
| 14 | 06 | 76 | 1030 | | .3 | | 0.010 | 0.008 | 0.021 | 0.560 | 0.052 | 1.350 | 597.0 | 4.1 | | |
| 12 | 07 | 76 | 1015 | | .3 | | 0.060 | 0.013 | 0.054 | 0.750 | 0.025 | 1.080 | 504.0 | 6.2 | | |
| 16 | 08 | 76 | 1115 | | .3 | | 0.088 | 0.012 | 0.147 | 1.240 | 0.022 | 0.843 | 406.0 | 20.0 | | |
| 13 | 09 | 76 | 1020 | | .3 | | 0.031 | 0.018 | 0.083 | 0.590 | 0.026 | 1.470 | 506.0 | 3.8 | | |
| 04 | 10 | 76 | 1035 | | .3 | | 0.053 | 0.026 | 0.070 | 1.060 | 0.034 | 1.870 | 765.0 | 3.6 | | |
| 15 | 11 | 76 | 1040 | | .3 | | 0.054 | 0.002 | 0.044 | 0.760 | 0.008 | 0.602 | 69.0 | 16.0 | | |
| 13 | 12 | 76 | 1030 | | .3 | | 0.144 | 0.002 | 0.244 | 0.770 | 0.017 | 1.490 | 790.0 | 145.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|--------|-------|
| MAXIMUM | 0.520 | 0.026 | 0.330 | 2.440 | 0.052 | 3.100 | 1085.0 | 291.0 |
| AVG OR GEOM MN (*) | 0.100 | 0.009 | 0.137 | 0.933 | 0.025 | 1.767 | 536.7 | 46.1 |
| MINIMUM | 0.010 | 0.001 | 0.021 | 0.560 | 0.008 | 0.602 | 69.0 | 3.6 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 | 01 | 76 | 1110 | | .3 | | 800 | 4.80 | 63.0 | | | | | | | |
| 09 | 02 | 76 | 1040 | | .3 | | 800 | 110.00 | 70.0 | | | | | | | |
| 08 | 03 | 76 | 1045 | | .3 | | 550 | 14.00 | 42.5 | | | | | | | |
| 12 | 04 | 76 | 1030 | | .3 | | 650 | 6.00 | 62.0 | | | | | | | |
| 10 | 05 | 76 | 1000 | | .3 | | 600 | 4.60 | 40.0 | | | | | | | |
| 14 | 06 | 76 | 1030 | | .3 | | 750 | 2.20 | 98.0 | | | | | | | |
| 12 | 07 | 76 | 1015 | | .3 | | 700 | 4.30 | 70.0 | | | | | | | |
| 16 | 08 | 76 | 1115 | | .3 | | 565 | 15.00 | 55.0 | | | | | | | |
| 13 | 09 | 76 | 1020 | | .3 | | 840 | 3.20 | 96.0 | | | | | | | |
| 04 | 10 | 76 | 1035 | | .3 | | 1120 | 2.50 | 135.0 | | | | | | | |
| 15 | 11 | 76 | 1040 | | .3 | | 600 | 6.40 | 36.0 | | | | | | | |
| 13 | 12 | 76 | 1030 | | .3 | | 1040 | 54.00 | 138.0 | | | | | | | |

| | | | |
|--------------------|------|--------|-------|
| MAXIMUM | 1120 | 110.00 | 138.0 |
| AVG OR GEOM MN (*) | 751 | 18.92 | 75.5 |
| MINIMUM | 550 | 2.20 | 36.0 |
| NO OF SAMPLES | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESTIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-------------------------|-----------------------|--------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|---------------------------|
| 12 | 01 | 76 | 1110 | | .3 | | 1.0 | | | | | | | | | |
| 09 | 02 | 76 | 1040 | | .3 | | 1.0L | | | | | | | | | |
| 08 | 03 | 76 | 1045 | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1030 | | .3 | | | | | | | | | | | |
| 10 | 05 | 76 | 1000 | | .3 | | 1.0L | | | | | | | | | |
| 14 | 06 | 76 | 1030 | | .3 | | 1.0L | | | | | | | | | |
| 12 | 07 | 76 | 1015 | | .3 | | 1.0L | | | | | | | | | |
| 16 | 08 | 76 | 1115 | | .3 | | 1.0L | | | | | | | | | |
| 13 | 09 | 76 | 1020 | | .3 | | 1.0L | | | | | | | | | |
| 04 | 10 | 76 | 1035 | | .3 | | 1.0L | | | | | | | | | |
| 15 | 11 | 76 | 1040 | | .3 | | 1.0L | | | | | | | | | |
| 13 | 12 | 76 | 1030 | | .3 | | 1.0L | | | | | | | | | |

| | |
|--------------------|------|
| MAXIMUM | 1.0 |
| AVG OR GEOM MN (*) | 1.00 |
| MINIMUM | 1.0 |
| NO OF SAMPLES | 9 |

B.O.W./ SITE: NITH RIVER
 SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM PLATTSVILLE
 STATION TYPE: RIVER

STATION ID: 16-0184-031-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 31 LAT LONG U.T.M. 17 0531150.0 4793000.0 4 REGION 02 MILEAGE 113.30

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1410 | | .3 | | 32420 | | | 2500. | 30. | 260. | | 0.0 | 10.2 | 1.2 |
| 09 | 02 | 76 | 1330 | | .3 | | 32456 | | | 2600. | 1600. | 5500. | | 0.0 | 10.6 | 40.0 |
| 08 | 03 | 76 | 1325 | | .3 | | 32492 | | | 1000. | 100. | 100. | L | 0.5 | 12.4 | 1.2 |
| 12 | 04 | 76 | 1300 | | .3 | | 32541 | | | 260. | 10. | 10. | | 6.0 | 11.6 | 1.0 |
| 10 | 05 | 76 | 1230 | | .3 | | 32554 | | | 500. | 70. | 20. | | 13.0 | 10.8 | 1.2 |
| 14 | 06 | 76 | 1320 | | .3 | | 32590 | | | 500. | | 10. | L | 24.0 | 8.0 | 0.8 |
| 12 | 07 | 76 | 1305 | | .3 | | 32626 | | | | | | | 21.0 | 9.2 | 1.2 |
| 16 | 08 | 76 | 1255 | | .3 | | 32662 | | | 32000. | 1. | 120. | | 19.0 | 5.4 | 1.6 |
| 13 | 09 | 76 | 1245 | | .3 | | 32698 | | | 1400. | 172. | 28. | | 20.0 | 9.4 | 1.0 |
| 04 | 10 | 76 | 1255 | | .3 | | 32734 | | | 400. | 52. | 12. | | 17.0 | 6.4 | 1.8 |
| 15 | 11 | 76 | 1255 | | .3 | | 32770 | | | 200. | 4. | 76. | | 2.0 | 8.4 | 0.6 |
| 13 | 12 | 76 | 1305 | | .3 | | 32806 | | | 400. | 56. | 680. | | 0.0 | 6.6 | 0.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

32000.
 955.*
 200.

24.0
 10.2
 0.0

12.4
 9.1
 5.4

40.0
 4.4
 0.6

NO OF SAMPLES

11 10 11 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1410 | | .3 | | 0.044 | 0.013 | 0.080 | 0.530 | 0.020 | 3.200 | 444.0 | 7.0 | | |
| 09 | 02 | 76 | 1330 | | .3 | | 1.050 | 0.070 | 0.385 | 23.000 | 0.075 | 2.720 | 11673.0 | 11597.0 | | |
| 08 | 03 | 76 | 1325 | | .3 | | 0.154 | 0.080 | 0.170 | 0.760 | 0.020 | 2.880 | 327.0 | 39.0 | | 228 |
| 12 | 04 | 76 | 1300 | | .3 | | 0.053 | 0.030 | 0.012 | 0.430 | 0.011 | 3.200 | 383.0 | 24.0 | | |
| 10 | 05 | 76 | 1230 | | .3 | | 0.096 | 0.047 | 0.068 | 0.940 | 0.039 | 3.840 | 350.0 | 31.0 | | |
| 14 | 06 | 76 | 1320 | | .3 | | 0.034 | 0.002 | 0.058 | 0.600 | 0.029 | 0.886 | 411.0 | 9.8 | | |
| 12 | 07 | 76 | 1305 | | .3 | | 0.057 | 0.015 | 0.074 | 0.620 | 0.015 | 1.200 | 404.0 | 14.0 | | |
| 16 | 08 | 76 | 1255 | | .3 | | 0.094 | 0.020 | 0.096 | 0.640 | 0.057 | 3.440 | 405.0 | 42.0 | | |
| 13 | 09 | 76 | 1245 | | .3 | | 0.027 | 0.008 | 0.056 | 0.530 | 0.008 | 1.000 | 391.0 | 11.0 | | |
| 04 | 10 | 76 | 1255 | | .3 | | 0.064 | 0.013 | 0.056 | 0.680 | 0.006 | 1.170 | 380.0 | 9.1 | | |
| 15 | 11 | 76 | 1255 | | .3 | | 0.014 | 0.005 | 0.016 | 0.280 | 0.009 | 2.840 | 414.0 | 5.1 | | |
| 13 | 12 | 76 | 1305 | | .3 | | 0.028 | 0.009 | 0.064 | 0.620 | 0.015 | 4.590 | 492.0 | 6.2 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1.050
 0.143
 0.014

0.080
 0.026
 0.002

0.385
 0.095
 0.012

23.000
 2.469
 0.280

0.075
 0.025
 0.006

4.590
 2.581
 0.886

11673.0
 1339.5
 327.0

11597.0
 982.9
 5.1

228
 228
 228

NO OF SAMPLES

12 12 12 12 12 12 12 12 1

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1410 | | .3 | | 670 | 2.50 | 17.0 | | | | | | | |
| 09 | 02 | 76 | 1330 | | .3 | | 650 | 350.00 | 19.5 | | | | | | | |
| 08 | 03 | 76 | 1325 | | .3 | | 350 | 20.00 | 8.7 | | | | | | | |
| 12 | 04 | 76 | 1300 | | .3 | | 550 | 7.50 | 13.5 | | | | | | | |
| 10 | 05 | 76 | 1230 | | .3 | | 480 | 24.00 | 11.5 | 31.0 | | | | | | |
| 14 | 06 | 76 | 1320 | | .3 | | 580 | 3.10 | 15.0 | | | | | | | |
| 12 | 07 | 76 | 1305 | | .3 | | 540 | 6.00 | 14.0 | | | | | | | |
| 16 | 08 | 76 | 1255 | | .3 | | 510 | 26.00 | 17.0 | 58.0 | | | | | | |
| 13 | 09 | 76 | 1245 | | .3 | | 560 | 5.20 | 16.5 | 85.0 | | | | | | |
| 04 | 10 | 76 | 1255 | | .3 | | 580 | 2.60 | 24.0 | 85.0 | | | | | | |
| 15 | 11 | 76 | 1255 | | .3 | | 640 | 1.60 | 24.0 | | | | | | | |
| 13 | 12 | 76 | 1305 | | .3 | | 730 | 3.50 | 22.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

730
 570
 350

350.00
 37.67
 1.60

24.0
 16.9
 8.7

85.0
 64.8
 31.0

NO OF SAMPLES

12 12 12 4

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG
STATION TYPE: RIVER FLOW GAUGE FED 02GA018

STATION ID: 16-0184-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

| STN NO | | 32 | LAT | | LONG | | U.T.M. 17 0526050.0 4802400.0 4 | | | | REGION 02 | | MILEAGE | | 126.30 | |
|--------------------|--------|---------|----------|---------|------------|----|---------------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 1255 | | | .3 | | 32417 | | 55.30 | | 40. | 100. L | | 0.0 | 9.2 | 2.4 |
| 09 | 02 | 76 1210 | | | .3 | | 32453 | | 71.80 | 1000. L | 100. L | 100. L | | 0.0 | 9.2 | 2.2 |
| 08 | 03 | 76 1205 | | | .3 | | 32489 | | 950.00 | 40. | 10. L | 100. L | | 0.5 | 11.6 | 0.8 |
| 12 | 04 | 76 1150 | | | .3 | | 32538 | | 92.40 | 100. | 1. | 1. | | 6.5 | 6.0 | 0.6 |
| 10 | 05 | 76 1100 | | | .3 | | 32551 | | 280.00 | 1200. | 90. | 20. | | 12.0 | 9.8 | 2.0 |
| 14 | 06 | 76 1135 | | | .3 | | 32587 | | 21.10 | 7000. | | 10. L | | 23.5 | 8.0 | 0.8 |
| 12 | 07 | 76 1120 | | | .3 | | 32623 | | 29.40 | 100. | | 40. | | 20.0 | 5.8 | 0.2 |
| 16 | 08 | 76 1135 | | | .3 | | 32659 | | 44.20 | 1050. | 1. | 28. | | 18.0 | 7.0 | 2.4 |
| 13 | 09 | 76 1130 | | | .3 | | 32695 | | 21.30 | 300. | 28. | 12. | | 18.5 | 9.0 | 12.0 |
| 04 | 10 | 76 1150 | | | .3 | | 32731 | | 25.00 | 2500. | 20. | 4. | | 15.5 | 8.0 | 2.0 |
| 15 | 11 | 76 1155 | | | .3 | | 32767 | | 33.70 | 120. | 1. | 2. | | 4.0 | 11.2 | 0.8 |
| 13 | 12 | 76 1145 | | | .3 | | 32803 | | 35.10 | 900. | 52. | 52. | | 0.0 | 6.6 | 1.0 |
| MAXIMUM | | | | | | | | | 950.00 | 7000. | 100. | 100. | | 23.5 | 11.6 | 12.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 138.28 | 476.* D | 13.* D | 18.* D | | 9.9 | 8.5 | 2.3 |
| MINIMUM | | | | | | | | | 21.10 | 40. | 1. | 1. | | 0.0 | 5.8 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 12 | 11 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 | 01 | 76 1255 | | | .3 | | 0.110 | 0.021 | 0.080 | 0.780 | 0.020 | 2.800 | 469.0 | 45.0 | | |
| 09 | 02 | 76 1210 | | | .3 | | 0.162 | 0.014 | 0.195 | 1.220 | 0.035 | 2.810 | 473.0 | 65.0 | | |
| 08 | 03 | 76 1205 | | | .3 | | 0.162 | 0.088 | 0.184 | 0.760 | 0.019 | 2.480 | 243.0 | 25.0 | | 218 |
| 12 | 04 | 76 1150 | | | .3 | | 0.091 | 0.052 | 0.034 | 0.500 | 0.012 | 2.700 | 325.0 | 12.0 | | |
| 10 | 05 | 76 1100 | | | .3 | | 0.110 | 0.068 | 0.216 | 1.130 | 0.025 | 3.530 | 341.0 | 19.0 | | |
| 14 | 06 | 76 1135 | | | .3 | | 0.054 | 0.011 | 0.062 | 0.780 | 0.026 | 0.804 | 270.0 | 25.0 | | |
| 12 | 07 | 76 1120 | | | .3 | | 0.095 | 0.003 | 0.100 | 0.700 | 0.011 | 0.639 | 367.0 | 42.0 | | |
| 16 | 08 | 76 1135 | | | .3 | | 0.140 | 0.026 | 0.064 | 0.850 | 0.043 | 2.060 | 350.0 | 55.0 | | |
| 13 | 09 | 76 1130 | | | .3 | | 0.067 | 0.018 | 0.064 | 0.590 | 0.008 | 0.357 | 316.0 | 20.0 | | |
| 04 | 10 | 76 1150 | | | .3 | | 0.051 | 0.011 | 0.104 | 0.860 | 0.009 | 0.676 | 334.0 | 18.0 | | |
| 15 | 11 | 76 1155 | | | .3 | | 0.025 | 0.003 | 0.012 | 0.400 | 0.005 | 2.130 | 385.0 | 11.0 | | |
| 13 | 12 | 76 1145 | | | .3 | | 0.160 | 0.008 | 0.040 | 0.500 | 0.015 | 4.040 | 499.0 | 35.0 | | |
| MAXIMUM | | | | | | | 0.162 | 0.088 | 0.216 | 1.220 | 0.043 | 4.040 | 499.0 | 65.0 | | 218 |
| AVG OR GEOM MN (*) | | | | | | | 0.102 | 0.027 | 0.096 | 0.756 | 0.019 | 2.086 | 364.3 | 31.0 | | 218 |
| MINIMUM | | | | | | | 0.025 | 0.003 | 0.012 | 0.400 | 0.005 | 0.357 | 243.0 | 11.0 | | 218 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 1255 | | | .3 | | 640 | 23.00 | 17.0 | 46.0 | | | | | | |
| 09 | 02 | 76 1210 | | | .3 | | 620 | 28.00 | 16.5 | 35.0 | | | | | | |
| 08 | 03 | 76 1205 | | | .3 | | 335 | 19.00 | 8.2 | 17.5 | | | | | | |
| 12 | 04 | 76 1150 | | | .3 | | 500 | 11.00 | 13.0 | 30.0 | | | | | | |
| 10 | 05 | 76 1100 | | | .3 | | 480 | 25.00 | 11.5 | 24.0 | | | | | | |
| 14 | 06 | 76 1135 | | | .3 | | 496 | 7.00 | 13.5 | 44.0 | | | | | | |
| 12 | 07 | 76 1120 | | | .3 | | 475 | 29.00 | 13.5 | 42.0 | | | | | | |
| 16 | 08 | 76 1135 | | | .3 | | 425 | 40.00 | 15.5 | 29.5 | | | | | | |
| 13 | 09 | 76 1130 | | | .3 | | 490 | 17.00 | 16.5 | 45.0 | | | | | | |
| 04 | 10 | 76 1150 | | | .3 | | 520 | 14.00 | 32.0 | 39.5 | | | | | | |
| 15 | 11 | 76 1155 | | | .3 | | 600 | 3.90 | 25.5 | 47.5 | | | | | | |
| 13 | 12 | 76 1145 | | | .3 | | 700 | 20.00 | 24.0 | 63.0 | | | | | | |
| MAXIMUM | | | | | | | 700 | 40.00 | 32.0 | 63.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 523 | 19.74 | 17.2 | 38.6 | | | | | | |
| MINIMUM | | | | | | | 335 | 3.90 | 8.2 | 17.5 | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W. / SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM AYR
STATION TYPE: RIVER

STATION ID: 16-0184-033-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 33 LAT LONG U.T.M. 17 0542840.0 4791450.0 4 REGION 02 MILEAGE 105.80

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1630 | | | .3 | | 32409 | | | 1000. | 20. | 10. | | 0.0 | 8.4 | 1.2 |
| 09 | 02 | 76 | 1600 | | | .3 | | 32445 | 4 | | 1340. | 80. | 100. | L | 0.0 | 7.2 | 1.0 |
| 08 | 03 | 76 | 1500 | | | .3 | | 32481 | | | 1100. | 10. | 80. | | 0.0 | 10.8 | 1.6 |
| 12 | 04 | 76 | 1435 | | | .3 | | 32530 | | | 1000. | 1. | 1. | | 6.0 | 7.6 | 0.4 |
| 17 | 05 | 76 | 1420 | | | .3 | | 32579 | | | 700. | 80. | 24. | | 16.0 | 10.2 | 1.2 |
| 21 | 06 | 76 | 1450 | | | .3 | | 32615 | | | 1100. | | 8. | | 20.0 | 8.8 | 0.6 |
| 19 | 07 | 76 | 1455 | | | .3 | | 32651 | | | | | | | 22.5 | 11.4 | 0.8 |
| 23 | 08 | 76 | 1435 | | | .3 | | 32687 | | | 380. | 32. | 1. | | 23.0 | 11.8 | 0.8 |
| 20 | 09 | 76 | 1445 | | | .3 | | 32723 | | | 500. | 204. | 72. | | 18.0 | 9.2 | 1.4 |
| 12 | 10 | 76 | 1445 | | | .3 | | 32759 | | | 110. | 1. | 44. | | 10.5 | 11.2 | 0.3 |
| 22 | 11 | 76 | 1440 | | | .3 | | 32795 | | | 130. | 1. | 4. | | 1.0 | 9.4 | 1.4 |
| 20 | 12 | 76 | 1400 | | | .3 | | 32830 | | | 700. | 36. | 88. | | 0.0 | 6.2 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1340.
572.*
110.

204.
14.* D
1.

100.
16.* D
1.

23.0
9.8
0.0

11.8
9.4
6.2

1.6
1.0
0.3

NO OF SAMPLES

11

10

11

12

12

12

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1630 | | | .3 | | 0.047 | 0.018 | 0.080 | 0.420 | 0.019 | 3.300 | 476.0 | 5.0 | | |
| 09 | 02 | 76 | 1600 | | | .3 | | 0.095 | 0.060 | 0.110 | 0.600 | 0.036 | 3.610 | 425.0 | 6.4 | | |
| 08 | 03 | 76 | 1500 | | | .3 | | 0.160 | 0.074 | 0.168 | 0.780 | 0.019 | 2.780 | 273.0 | 36.0 | | 237 |
| 12 | 04 | 76 | 1435 | | | .3 | | 0.073 | 0.039 | 0.014 | 0.450 | 0.010 | 3.400 | 378.0 | 5.9 | | |
| 17 | 05 | 76 | 1420 | | | .3 | | 0.059 | 0.019 | 0.014 | 0.560 | 0.021 | 2.730 | 401.0 | 7.0 | | |
| 21 | 06 | 76 | 1450 | | | .3 | | 0.046 | 0.003 | 0.010 | 0.580 | 0.019 | 2.180 | 427.0 | 6.5 | | |
| 19 | 07 | 76 | 1455 | | | .3 | | 0.044 | 0.005 | 0.014 | 0.580 | 0.010 | 1.290 | 425.0 | 4.7 | | |
| 23 | 08 | 76 | 1435 | | | .3 | | 0.036 | 0.006 | 0.078 | 0.840 | 0.014 | 1.900 | 388.0 | 10.0 | | |
| 20 | 09 | 76 | 1445 | | | .3 | | 0.047 | 0.007 | 0.018 | 0.030 | 0.010 | 1.640 | 389.0 | 14.0 | | |
| 12 | 10 | 76 | 1445 | | | .3 | | 0.039 | 0.002 | 0.036 | 0.550 | 0.007 | 2.260 | 424.0 | 6.6 | | |
| 22 | 11 | 76 | 1440 | | | .3 | | 0.016 | 0.003 | 0.006 | 0.310 | 0.011 | 2.940 | 421.0 | 7.7 | | |
| 20 | 12 | 76 | 1400 | | | .3 | | 0.035 | 0.016 | 0.044 | 0.370 | 0.016 | 2.980 | 477.0 | 6.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.160
0.058
0.016

0.074
0.021
0.002

0.168
0.049
0.006

0.840
0.506
0.030

0.036
0.016
0.007

3.610
2.584
1.290

477.0
408.7
273.0

36.0
9.7
4.7

237
237
237

NO OF SAMPLES

12

12

12

12

12

12

12

12

1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1630 | | | .3 | | 700 | 3.00 | 17.0 | 80.0 | | | | | | |
| 09 | 02 | 76 | 1600 | | | .3 | | 650 | 3.40 | 17.0 | 68.0 | | | | | | |
| 08 | 03 | 76 | 1500 | | | .3 | | 365 | 17.00 | 9.5 | 25.0 | | | | | | |
| 12 | 04 | 76 | 1435 | | | .3 | | 600 | 5.10 | 16.0 | 65.0 | | | | | | |
| 17 | 05 | 76 | 1420 | | | .3 | | 600 | 2.20 | 16.5 | 65.0 | | | | | | |
| 21 | 06 | 76 | 1450 | | | .3 | | 610 | 3.20 | 17.0 | 70.0 | | | | | | |
| 19 | 07 | 76 | 1455 | | | .3 | | 580 | 2.70 | 17.0 | 90.0 | | | | | | |
| 23 | 08 | 76 | 1435 | | | .3 | | 580 | 4.40 | 17.5 | 80.0 | | | | | | |
| 20 | 09 | 76 | 1445 | | | .3 | | 560 | 24.00 | 19.0 | 69.0 | | | | | | |
| 12 | 10 | 76 | 1445 | | | .3 | | 720 | 3.50 | 23.0 | 83.0 | | | | | | |
| 22 | 11 | 76 | 1440 | | | .3 | | 660 | 2.50 | 22.5 | 88.0 | | | | | | |
| 20 | 12 | 76 | 1400 | | | .3 | | 700 | 3.20 | 23.5 | 93.0 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

720
610
365

24.00
6.18
2.20

23.5
18.0
9.5

93.0
73.0
25.0

NO OF SAMPLES

12

12

12

12

B.O.W. / SITE: SPEED RIVER
 SAMPLE POINT: EDINBOROUGH STREET GUELPH
 STATION TYPE: RIVER

STATION ID: 16-0184-034-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 34 LAT LONG U.T.M. 17 0550650.0 4818999.0 4 REGION 02 MILEAGE 107.30

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 12 01 76 1110 | | | .3 | 32424 | | | 700. | 150. | 10. | L | 0.0 | 9.0 | 1.2 |
| 09 02 76 1035 | | | .3 | 32460 | | | 600. | 270. | 10. | L | 0.0 | 7.6 | 1.2 |
| 08 03 76 1030 | | | .3 | 32436 | | | 100. | 40. | 20. | | 1.0 | 10.4 | 0.9 |
| 12 04 76 1050 | | | .3 | 32509 | | | 100. | 1. | 1. | | 4.0 | 12.0 | 0.6 |
| 11 05 76 0940 | | | .3 | 32558 | | | 1410. | 586. | 96. | | 12.0 | 13.0 | 1.0 |
| 15 06 76 0910 | | | .3 | 32594 | | | | | 90. | | 22.0 | 8.0 | 1.0 |
| 13 07 76 0925 | | | .3 | 32630 | | | 400. | | 4. | | 18.0 | 9.6 | 1.2 |
| 17 08 76 0935 | | | .3 | 32666 | | | 3500. | | 1. | | 19.0 | 9.4 | 1.4 |
| 14 09 76 0945 | | | .3 | 32702 | | | 340. | 24. | 16. | | 18.5 | 8.2 | 8.6 |
| 05 10 76 0945 | | | .3 | 32738 | | | 800. | 32. | 40. | | 14.0 | 7.0 | 1.2 |
| 16 11 76 0945 | | | .3 | 32774 | | | 800. | 20. | 16. | | 1.0 | 10.0 | 1.9 |
| 14 12 76 0950 | | | .3 | 32810 | | | 4600. | 910. | 128. | | 0.0 | 4.4 | 1.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

4600.
 647.
 100.

910.
 62.
 1.

128.
 15.
 1.

22.0
 9.2
 0.0

13.0
 9.1
 4.4

8.6
 1.8
 0.6

NO OF SAMPLES

11

9

12

12

12

12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 12 01 76 1110 | | | .3 | 0.021 | 0.006 | 0.060 | 0.440 | 0.010 | 1.900 | 560.0 | 5.0 | | |
| 09 02 76 1035 | | | .3 | 0.039 | 0.001 | 0.055 | 0.680 | 0.013 | 1.970 | 518.0 | 58.0 | | |
| 08 03 76 1030 | | | .3 | 0.039 | 0.008 | 0.046 | 0.540 | 0.012 | 2.740 | 313.0 | 10.0 | | |
| 12 04 76 1050 | | | .3 | 0.021 | 0.002 | 0.028 | 0.450 | 0.009 | 2.200 | 326.0 | 3.2 | | |
| 11 05 76 0940 | | | .3 | 0.034 | 0.002 | 0.042 | 0.680 | 0.012 | 1.040 | 312.0 | 8.1 | | |
| 15 06 76 0910 | | | .3 | 0.042 | 0.004 | 0.048 | 0.700 | 0.026 | 0.789 | 350.0 | 9.3 | | |
| 13 07 76 0925 | | | .3 | 0.037 | 0.006 | 0.044 | 0.800 | 0.035 | 0.725 | 349.0 | 4.5 | | |
| 17 08 76 0935 | | | .3 | 0.044 | 0.008 | 0.082 | 0.720 | 0.038 | 0.417 | 312.0 | 6.5 | | |
| 14 09 76 0945 | | | .3 | 0.027 | 0.005 | 0.028 | 0.600 | 0.008 | 0.487 | 329.0 | 4.1 | | |
| 05 10 76 0945 | | | .3 | 0.012 | 0.003 | 0.020 | 0.560 | 0.011 | 0.449 | 323.0 | 8.3 | | |
| 16 11 76 0945 | | | .3 | 0.030 | 0.002 | 0.002 | 0.660 | 0.005 | 0.815 | 367.0 | 12.0 | | |
| 14 12 76 0950 | | | .3 | 0.024 | 0.001 | 0.044 | 0.730 | 0.005 | 1.200 | 429.0 | 7.4 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.044
 0.031
 0.012

0.008
 0.004
 0.001

0.082
 0.042
 0.002

0.800
 0.630
 0.440

0.038
 0.015
 0.005

2.740
 1.228
 0.417

560.0
 374.0
 312.0

58.0
 11.4
 3.2

NO OF SAMPLES

12

12

12

12

12

12

12

12

12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 12 01 76 1110 | | | .3 | 880 | 2.50 | 105.0 | 51.0 | | | | | | |
| 09 02 76 1035 | | | .3 | 820 | 3.50 | 91.0 | 44.0 | | | | | | |
| 08 03 76 1030 | | | .3 | 465 | 2.30 | 17.5 | 33.0 | | | | | | |
| 12 04 76 1050 | | | .3 | 500 | 1.90 | 34.5 | 30.0 | | | | | | |
| 11 05 76 0940 | | | .3 | 475 | 5.50 | 18.5 | 23.0 | | | | | | |
| 15 06 76 0910 | | | .3 | 500 | 3.30 | 22.0 | 27.5 | | | | | | |
| 13 07 76 0925 | | | .3 | 520 | 5.40 | 22.0 | 27.0 | | | | | | |
| 17 08 76 0935 | | | .3 | 460 | 3.50 | 15.5 | 22.0 | | | | | | |
| 14 09 76 0945 | | | .3 | 520 | 1.40 | 21.5 | 27.5 | | | | | | |
| 05 10 76 0945 | | | .3 | 520 | 2.00 | 22.0 | 25.0 | | | | | | |
| 16 11 76 0945 | | | .3 | 580 | 3.60 | 28.0 | 30.5 | | | | | | |
| 14 12 76 0950 | | | .3 | 670 | 2.00 | 41.0 | 40.5 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

880
 576
 460

5.50
 3.08
 1.40

105.0
 36.5
 15.5

51.0
 31.8
 22.0

NO OF SAMPLES

12

12

12

12

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: BRIDGE AT DUNNVILLE GR-15
 STATION TYPE: RIVER COMPOSITE

PLUARG

STATION ID: 16-0184-035-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 35 LAT LONG U.T.M. 17 0612660.0 4750440.0 4 REGION 02 MILEAGE 4.80

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1205 | | | .3 | | 32404 | | | 60. | 4. | 4. | | 0.0 | 10.6 | 1.6 |
| 09 | 02 | 76 | 1130 | | | .3 | | 32440 | | | 20. | 1. | 8. | | 0.0 | 6.6 | 1.2 |
| 08 | 03 | 76 | 1120 | | | .3 | | 32476 | 3 | | 1800. | 10. | 140. | | 0.0 | 10.2 | 1.4 |
| 23 | 03 | 76 | 0930 | | | .3 | | 32390 | 3 | | | | | | 1.5 | 13.6 | |
| 12 | 04 | 76 | 1110 | | | .3 | | 32525 | | | 20. | 10. | 10. | L | 5.0 | 8.4 | 1.0 |
| 17 | 05 | 76 | 1110 | | | .3 | | 32574 | | | 400. | 44. | 24. | | 16.0 | 8.2 | 3.0 |
| 21 | 06 | 76 | 1150 | | | .3 | | 32610 | | | 100. | | 4. | | 21.5 | 5.8 | 2.8 |
| 19 | 07 | 76 | 1115 | | | .3 | | 32646 | | | | | | | 22.0 | 7.6 | 3.4 |
| 23 | 08 | 76 | 1120 | | | .3 | | 32682 | | | 100. | 1. | 8. | | 24.0 | 10.2 | 3.8 |
| 20 | 09 | 76 | 1120 | | | .3 | | 32718 | | | 1000. | 300. | 2200. | | 20.0 | 5.2 | 2.4 |
| 19 | 10 | 76 | 1400 | | | .3 | | 31690 | 6 | | 100. | 10. | 10. | L | 7.5 | 10.2 | 1.4 |
| 22 | 11 | 76 | 1120 | | | .3 | | 32790 | | | 300. | 10. | 1. | | 0.5 | 6.8 | 1.4 |
| 20 | 12 | 76 | 1125 | | | .3 | | 32825 | | | 270. | 4. | 68. | | 1.0 | 10.4 | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1205 | | | .3 | | 0.051 | 0.022 | 0.280 | 0.790 | 0.018 | 2.700 | 525.0 | 5.0 | | |
| 09 | 02 | 76 | 1130 | | | .3 | | 0.054 | 0.029 | 0.470 | 0.930 | 0.014 | 3.220 | 545.0 | 3.4 | | |
| 08 | 03 | 76 | 1120 | | | .3 | | 0.200 | 0.066 | 0.252 | 0.900 | 0.024 | 2.880 | 334.0 | 80.0 | | 254 |
| 23 | 03 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1110 | | | .3 | | 0.122 | 0.038 | 0.236 | 0.880 | 0.034 | 2.500 | 447.0 | 44.0 | 403 | |
| 17 | 05 | 76 | 1110 | | | .3 | | 0.224 | 0.014 | 0.074 | 0.860 | 0.031 | 1.820 | 513.0 | 83.0 | 430 | |
| 21 | 06 | 76 | 1150 | | | .3 | | 0.240 | 0.030 | 0.285 | 1.480 | 0.038 | 0.722 | 638.0 | 78.0 | 560 | |
| 19 | 07 | 76 | 1115 | | | .3 | | 0.226 | 0.023 | 0.140 | 1.180 | 0.029 | 0.691 | 572.0 | 92.0 | 480 | |
| 23 | 08 | 76 | 1120 | | | .3 | | 0.190 | 0.011 | 0.172 | 1.500 | 0.018 | 0.552 | 382.0 | 72.0 | 310 | |
| 20 | 09 | 76 | 1120 | | | .3 | | 0.054 | 0.030 | 0.124 | 0.550 | 0.027 | 0.883 | 475.0 | 80.0 | 395 | |
| 19 | 10 | 76 | 1400 | | | .3 | | 0.100 | 0.010 | 0.024 | 0.940 | 0.027 | 1.270 | 443.0 | 44.0 | 399 | |
| 22 | 11 | 76 | 1120 | | | .3 | | 0.240 | 0.005 | 0.020 | 1.550 | 0.036 | 1.740 | 667.0 | 194.0 | 473 | |
| 20 | 12 | 76 | 1125 | | | .3 | | 0.056 | 0.014 | 0.440 | 1.080 | 0.020 | 1.830 | 487.0 | 7.3 | 480 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1205 | | | .3 | | 760 | 5.30 | 36.0 | 115.0 | | 4.0 | 241 | 7.90 | 0.39 | |
| 09 | 02 | 76 | 1130 | | | .3 | | 770 | 3.10 | 37.5 | 90.0 | | 6.6 | 240 | 7.90 | 0.23 | |
| 08 | 03 | 76 | 1120 | | | .3 | | 390 | 48.00 | 16.5 | 31.0 | 2.35 | | | 7.90 | 1.00 | |
| 23 | 03 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1110 | | | .3 | | 600 | 39.00 | 25.5 | 85.0 | 2.25 | | | 8.60 | 2.000 | |
| 17 | 05 | 76 | 1110 | | | .3 | | 600 | 60.00 | 25.0 | 68.0 | 0.65 | | | 8.09 | 0.910 | |
| 21 | 06 | 76 | 1150 | | | .3 | | 750 | 50.00 | 48.5 | 165.0 | 1.20 | | | 7.88 | 3.300 | |
| 19 | 07 | 76 | 1115 | | | .3 | | 630 | 65.00 | 32.5 | 95.0 | 1.15 | | | 8.21 | 4.400 | |
| 23 | 08 | 76 | 1120 | | | .3 | | 500 | 45.00 | 27.5 | 73.0 | 1.60 | | | 7.92 | 3.300 | |
| 20 | 09 | 76 | 1120 | | | .3 | | 610 | 58.00 | 32.5 | 88.0 | 1.25 | | | 8.38 | 1.500 | |
| 19 | 10 | 76 | 1400 | | | .3 | | 660 | 32.00 | 35.0 | 95.0 | 0.90 | | | 8.44 | 1.150 | |
| 22 | 11 | 76 | 1120 | | | .3 | | 740 | 110.00 | 39.5 | 110.0 | 0.10 | | | 8.20 | 5.100 | |
| 20 | 12 | 76 | 1125 | | | .3 | | 750 | 3.60 | 50.0 | 95.0 | 1.80 | | | 8.10 | 0.290 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 12 | 01 | 76 | 1205 | | | .3 | | | 365.0 | | | 40 | | | | | |
| 09 | 02 | 76 | 1130 | | | .3 | | | 367.0 | | | 15 | | | | | |
| 08 | 03 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | 10 | 22 | 2 |
| 23 | 03 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 12 | 04 | 76 | 1110 | | | .3 | | 1.0L | | | | | | | 7 | 30 | |
| 17 | 05 | 76 | 1110 | | | .3 | | 1.0L | | | | | | | 2 | 27 | |
| 21 | 06 | 76 | 1150 | | | .3 | | 1.0L | | | | | | | 9 | 24 | |
| 19 | 07 | 76 | 1115 | | | .3 | | 1.0L | | | | | | | 11 | 24 | |
| 23 | 08 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | 9 | 24 | |
| 20 | 09 | 76 | 1120 | | | .3 | | 1.0L | | | | | | | 20 | 20 | 0 |
| 19 | 10 | 76 | 1400 | | | .3 | | 1.0L | | | | | | | 8 | 41 | |
| 22 | 11 | 76 | 1120 | | | .3 | | 1.0 | | | | | | | 11 | 41 | |
| 20 | 12 | 76 | 1125 | | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: GRAND RIVER
 SAMPLE POINT: 1ST CONC ROAD DOWNSTREAM BELLWOOD LAKE OUTLET GR-13
 STATION TYPE: RIVER FLOW GAUGE FED 02GA016

PLUARG

STATION ID: 16-0184-037-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 37 LAT LONG U.T.M. 17 0552825.0 4841325.0 4 REGION 02 MILEAGE 138.30

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1330 | | .3 | | 32428 | | 192.00 | 100. | 4. | 1. | | 1.0 | 8.8 | 1.6 |
| 09 | 02 | 76 | 1340 | | .3 | | 32464 | | 81.30 | 1000. L | 100. L | 100. | | 0.0 | 6.6 | 1.8 |
| 08 | 03 | 76 | 1230 | | .3 | | 32500 | | 1360.00 | 100. | 300. | 90. | | 1.0 | 11.0 | 0.8 |
| 12 | 04 | 76 | 1300 | | .3 | | 32513 | | 105.00 | 10. | 1. | 1. | | 6.0 | 10.8 | 0.6 |
| 11 | 05 | 76 | 1155 | | .3 | | 32562 | | 597.00 | 30. | 16. | 1. | | 9.5 | 9.6 | 1.0 |
| 15 | 06 | 76 | 1110 | | .3 | | 32598 | | 95.10 | 100. | | 1. | | 14.0 | 11.6 | 1.0 |
| 13 | 07 | 76 | 1105 | | .3 | | 32634 | | 240.00 | 100. | | 8. | | 17.0 | 10.4 | 1.2 |
| 17 | 08 | 76 | 1115 | | .3 | | 32670 | | 267.00 | 100. L | | 8. | | 22.0 | 9.8 | 2.0 |
| 14 | 09 | 76 | 1135 | | .3 | | 32706 | | 283.00 | 140. | 36. | 12. | | 19.0 | 9.0 | 1.8 |
| 05 | 10 | 76 | 1130 | | .3 | | 32742 | | 266.00 | 200. | 1. | 12. | | 15.0 | 8.0 | 2.0 |
| 16 | 11 | 76 | 1130 | | .3 | | 32778 | | 220.00 | 10. | 4. | 1. | | 3.0 | 11.2 | 0.8 |
| 14 | 12 | 76 | 1135 | | .3 | | 32814 | | 246.00 | 200. | 2. L | 2. | | 1.0 | 7.8 | 1.2 |

| MAXIMUM | | 1360.00 | 1000. | 300. | 100. | 22.0 | 11.6 | 2.0 |
|--------------------|--|---------|---------|--------|------|------|------|-----|
| AVG OR GEOM MN (-) | | 329.37 | 86. * D | 9. * D | 5. * | 9.0 | 9.6 | 1.3 |
| MINIMUM | | 81.30 | 10. | 1. | 1. | 0.0 | 6.6 | 0.6 |

| NO OF SAMPLES | 12 | 12 | 9 | 12 | 12 | 12 |
|---------------|----|----|---|----|----|----|
|---------------|----|----|---|----|----|----|

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1330 | | .3 | | 0.043 | 0.005 | 0.140 | 0.920 | 0.012 | 1.000 | 331.0 | 10.0 | | |
| 09 | 02 | 76 | 1340 | | .3 | | 0.090 | 0.003 | 0.185 | 1.180 | 0.011 | 0.679 | 384.0 | 50.0 | | |
| 08 | 03 | 76 | 1230 | | .3 | | 0.050 | 0.018 | 0.136 | 0.740 | 0.015 | 1.410 | 252.0 | 5.3 | | 247 |
| 12 | 04 | 76 | 1300 | | .3 | | 0.043 | 0.008 | 0.038 | 0.600 | 0.011 | 0.749 | 194.0 | 12.0 | | |
| 11 | 05 | 76 | 1155 | | .3 | | 0.027 | 0.001 | 0.036 | 0.710 | 0.010 | 0.740 | 247.0 | 6.2 | | 241 |
| 15 | 06 | 76 | 1110 | | .3 | | 0.025 | 0.001 | 0.026 | 0.760 | 0.013 | 0.517 | 249.0 | 5.2 | | |
| 13 | 07 | 76 | 1105 | | .3 | | 0.037 | 0.005 | 0.026 | 0.690 | 0.038 | 0.607 | 268.0 | 14.0 | | |
| 17 | 08 | 76 | 1115 | | .3 | | 0.080 | 0.002 | 0.098 | 1.100 | 0.023 | 0.257 | 279.0 | 29.0 | | |
| 14 | 09 | 76 | 1135 | | .3 | | 0.056 | 0.006 | 0.174 | 0.960 | 0.019 | 0.081 | 252.0 | 18.0 | | |
| 05 | 10 | 76 | 1130 | | .3 | | 0.030 | 0.005 | 0.174 | 0.840 | 0.020 | 0.205 | 273.0 | 13.0 | | |
| 16 | 11 | 76 | 1130 | | .3 | | 0.020 | 0.002 | 0.056 | 0.680 | 0.005 | 0.580 | 349.0 | 8.0 | | |
| 14 | 12 | 76 | 1135 | | .3 | | 0.030 | 0.004 | 0.082 | 0.900 | 0.008 | 0.072 | 326.0 | 7.2 | | |

| MAXIMUM | | 0.090 | 0.018 | 0.185 | 1.180 | 0.038 | 1.410 | 384.0 | 50.0 | 247 |
|--------------------|--|-------|-------|-------|-------|-------|-------|-------|------|-----|
| AVG OR GEOM MN (-) | | 0.044 | 0.005 | 0.098 | 0.840 | 0.015 | 0.575 | 283.7 | 14.8 | 244 |
| MINIMUM | | 0.020 | 0.001 | 0.026 | 0.600 | 0.005 | 0.072 | 194.0 | 5.2 | 241 |

| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 2 |
|---------------|----|----|----|----|----|----|----|----|----|---|
|---------------|----|----|----|----|----|----|----|----|----|---|

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1330 | | .3 | | 500 | 2.90 | 9.4 | 37.5 | | | | | | |
| 09 | 02 | 76 | 1340 | | .3 | | 530 | 27.00 | 8.1 | 32.0 | | | | | | |
| 08 | 03 | 76 | 1230 | | .3 | | 380 | 4.90 | 8.2 | 23.0 | | | | | | |
| 12 | 04 | 76 | 1300 | | .3 | | 280 | 7.50 | 5.8 | 32.5 | | | | | | |
| 11 | 05 | 76 | 1155 | | .3 | | 370 | 3.00 | 7.6 | 16.5 | | | | | | |
| 15 | 06 | 76 | 1110 | | .3 | | 377 | 4.20 | 7.7 | 18.5 | | | | | | |
| 13 | 07 | 76 | 1105 | | .3 | | 390 | 7.50 | 8.0 | 19.5 | | | | | | |
| 17 | 08 | 76 | 1115 | | .3 | | 385 | 15.00 | 8.2 | 19.0 | | | | | | |
| 14 | 09 | 76 | 1135 | | .3 | | 360 | 9.00 | 7.9 | 18.0 | | | | | | |
| 05 | 10 | 76 | 1130 | | .3 | | 400 | 8.00 | 8.5 | 19.0 | | | | | | |
| 16 | 11 | 76 | 1130 | | .3 | | 520 | 4.60 | 10.0 | 35.0 | | | | | | |
| 14 | 12 | 76 | 1135 | | .3 | | 460 | 5.00 | 10.5 | 29.0 | | | | | | |

| MAXIMUM | | 530 | 27.00 | 10.5 | 37.5 |
|--------------------|--|-----|-------|------|------|
| AVG OR GEOM MN (-) | | 414 | 8.22 | 8.3 | 25.0 |
| MINIMUM | | 280 | 2.90 | 5.8 | 16.5 |

| NO OF SAMPLES | 12 | 12 | 12 | 12 |
|---------------|----|----|----|----|
|---------------|----|----|----|----|

B.O.W./ SITE: ALDER CREEK
 SAMPLE POINT: AT FIRST CONC ROAD SOUTH OF NEW DUNDEE
 STATION TYPE: RIVER FLOW GAUGE FED 02GA030

STATION ID: 16-0184-038-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 38 | LAT | LONG | U.T.M. 17 0537950.0 4798800.0 4 | | | | REGION 02 | | MILEAGE | | 111.80 | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 1340 | | | .3 | | 32419 | | 2.90 | 4000. | 140. | 110. | | 5.0 | 11.0 | 1.2 |
| 09 02 76 1255 | | | .3 | | 32455 | | 4.30 | 150. | 40. | 10. L | | 5.0 | 10.6 | 1.0 |
| 08 03 76 1255 | | | .3 | | 32491 | | 14.20 | 240. | 30. | 100. L | | 2.5 | 8.8 | 6.0 |
| 12 04 76 1235 | | | .3 | | 32540 | | 5.00 | 900. | 1. | 1. | | 9.0 | 6.2 | 0.6 |
| 10 05 76 1145 | | | .3 | | 32553 | | 8.70 | 1100. | 10. | 10. L | | 14.5 | 11.6 | 1.2 |
| 14 06 76 1250 | | | .3 | | 32589 | | 1.90 | 38000. | | 4. | | 22.0 | 9.8 | 2.0 |
| 12 07 76 1240 | | | .3 | | 32625 | | 2.20 | 1000. | | 76. | | 19.0 | 10.8 | 1.6 |
| 16 08 76 1235 | | | .3 | | 32661 | | 4.90 | 2200. | 1. | 196. | | 10.5 | 9.4 | 4.4 |
| 13 09 76 1215 | | | .3 | | 32697 | | 1.90 | 1100. | 172. | 8. | | 18.0 | 8.0 | 3.0 |
| 04 10 76 1235 | | | .3 | | 32733 | | 2.30 | 7000. | 4. | 4. | | 15.0 | 10.2 | 2.2 |
| 15 11 76 1235 | | | .3 | | 32769 | | 2.60 | 100. | 1. | 4. | | 6.0 | 11.0 | 0.9 |
| 13 12 76 1235 | | | .3 | | 32805 | | 2.40 | 290. | 18. | 2. L | | 1.5 | 6.0 | 1.8 |
| MAXIMUM | | | | | | | 14.20 | 38000. | 172. | 196. | | 22.0 | 11.6 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | 4.44 | 1085.* | 11.* | 13.* D | | 11.4 | 9.5 | 2.2 |
| MINIMUM | | | | | | | 1.90 | 100. | 1. | 1. | | 1.5 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 10 | 12 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 1340 | | | .3 | | 0.140 | 0.083 | 0.180 | 0.560 | 0.047 | 6.200 | 619.0 | 16.0 | | |
| 09 02 76 1255 | | | .3 | | 0.180 | 0.120 | 0.205 | 0.600 | 0.150 | 5.900 | 614.0 | 6.8 | | |
| 08 03 76 1255 | | | .3 | | 1.480 | 0.014 | 0.346 | 5.100 | 0.032 | 5.220 | 1360.0 | 889.0 | | |
| 12 04 76 1235 | | | .3 | | 0.081 | 0.046 | 0.024 | 0.470 | 0.023 | 4.700 | 488.0 | 5.5 | | |
| 10 05 76 1145 | | | .3 | | 0.083 | 0.017 | 0.146 | 1.000 | 0.028 | 3.850 | 451.0 | 10.0 | | |
| 14 06 76 1250 | | | .3 | | 0.174 | 0.009 | 0.004 | 0.880 | 0.057 | 2.140 | 567.0 | 15.0 | | |
| 12 07 76 1240 | | | .3 | | 0.154 | 0.038 | 0.004 | 0.870 | 0.074 | 0.800 | 437.0 | 9.0 | | |
| 16 08 76 1235 | | | .3 | | 0.130 | 0.009 | 0.020 | 1.220 | 0.070 | 1.780 | 490.0 | 32.0 | | |
| 13 09 76 1215 | | | .3 | | 0.126 | 0.008 | 0.049 | 0.860 | 0.035 | 1.960 | 516.0 | 12.0 | | |
| 04 10 76 1235 | | | .3 | | 0.088 | 0.003 | 0.024 | 0.630 | 0.026 | 1.970 | 493.0 | 6.2 | | |
| 15 11 76 1235 | | | .3 | | 0.048 | 0.008 | 0.038 | 0.370 | 0.033 | 4.720 | 510.0 | 5.1 | | |
| 13 12 76 1235 | | | .3 | | 0.167 | 0.100 | 0.500 | 1.150 | 0.041 | 4.840 | 608.0 | 31.0 | | |
| MAXIMUM | | | | | 1.480 | 0.120 | 0.500 | 5.100 | 0.150 | 6.200 | 1360.0 | 889.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.238 | 0.038 | 0.128 | 1.143 | 0.051 | 3.673 | 596.1 | 86.5 | | |
| MINIMUM | | | | | 0.048 | 0.003 | 0.004 | 0.370 | 0.023 | 0.800 | 437.0 | 5.1 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 1340 | | | .3 | | 820 | 3.50 | 24.5 | | | | | | | |
| 09 02 76 1255 | | | .3 | | 870 | 3.00 | 23.0 | | | | | | | |
| 08 03 76 1255 | | | .3 | | 600 | 220. | 22.5 | | | | | | | |
| 12 04 76 1235 | | | .3 | | 700 | 3.10 | 24.0 | | | | | | | |
| 10 05 76 1145 | | | .3 | | 650 | 4.40 | 21.0 | | | | | | | |
| 14 06 76 1250 | | | .3 | | 730 | 3.90 | 22.5 | | | | | | | |
| 12 07 76 1240 | | | .3 | | 590 | 3.90 | 24.0 | | | | | | | |
| 16 08 76 1235 | | | .3 | | 620 | 9.50 | 21.0 | | | | | | | |
| 13 09 76 1215 | | | .3 | | 730 | 3.40 | 22.5 | | | | | | | |
| 04 10 76 1235 | | | .3 | | 700 | 2.00 | 25.0 | | | | | | | |
| 15 11 76 1235 | | | .3 | | 780 | 1.40 | 27.0 | | | | | | | |
| 13 12 76 1235 | | | .3 | | 820 | 4.50 | 27.0 | | | | | | | |
| MAXIMUM | | | | | 870 | 220. | 27.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 718 | 21.88 | 23.7 | | | | | | | |
| MINIMUM | | | | | 590 | 1.40 | 21.0 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: AT EAST LUTHER AND AMARANTH TWP LINE
 STATION TYPE: RIVER

STATION ID: 16-0184-039-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 39 LAT LONG U.T.M. 17 0556200.0 4860150.0 4 REGION 02 MILEAGE 154.20

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1520 | | | .3 | | 32430 | | | 400. | 200. | 100. L | | 0.0 | 8.8 | 1.6 |
| 09 | 02 | 76 | 1510 | | | .3 | | 32466 | | | 32000. | 100. L | 100. L | | 0.0 | 6.4 | 1.6 |
| 08 | 03 | 76 | 1345 | | | .3 | | 32502 | | | 130. | 10. L | 100. | | 1.0 | 7.6 | 0.8 |
| 12 | 04 | 76 | 1350 | | | .3 | | 32515 | | | 400. | 40. L | 10. L | | 4.5 | 10.8 | 1.0 |
| 11 | 05 | 76 | 1325 | | | .3 | | 32564 | | | 1100. | 20. | 4. L | | 12.0 | 13.6 | 1.4 |
| 15 | 06 | 76 | 1305 | | | .3 | | 32600 | | | 1200. | | 60. | | 23.0 | 7.4 | 1.0 |
| 13 | 07 | 76 | 1230 | | | .3 | | 32636 | | | 100. | | 1. | | 19.0 | 11.2 | 1.0 |
| 17 | 08 | 76 | 1230 | | | .3 | | 32672 | | | 150. | | 12. | | 20.0 | 10.2 | 2.2 |
| 14 | 09 | 76 | 1245 | | | .3 | | 32708 | | | 60. | 28. | 8. | | 19.0 | 10.6 | 1.2 |
| 05 | 10 | 76 | 1225 | | | .3 | | 32744 | | | 440. | 56. | 24. | | 16.0 | 7.2 | 1.4 |
| 16 | 11 | 76 | 1225 | | | .3 | | 32780 | | | 10. | 4. | 1. | | 1.5 | 9.6 | 0.9 |
| 14 | 12 | 76 | 1250 | | | .3 | | 32816 | | | 1200. | 14. | 2. | | 0.0 | 8.6 | 4.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1520 | | | .3 | | 0.036 | 0.009 | 0.150 | 0.940 | 0.007 | 0.610 | 301.0 | 3.0 | | |
| 09 | 02 | 76 | 1510 | | | .3 | | 0.058 | 0.001 | 0.275 | 1.620 | 0.016 | 1.630 | 412.0 | 32.0 | | |
| 08 | 03 | 76 | 1345 | | | .3 | | 0.052 | 0.012 | 0.044 | 0.720 | 0.012 | 1.010 | 257.0 | 20.0 | | 237 |
| 12 | 04 | 76 | 1350 | | | .3 | | 0.021 | 0.001 | 0.004 | 0.750 | 0.005 | 0.380 | 256.0 | 2.2 | | 254 |
| 11 | 05 | 76 | 1325 | | | .3 | | 0.024 | 0.001 | 0.026 | 0.760 | 0.008 | 0.497 | 288.0 | 6.6 | | |
| 15 | 06 | 76 | 1305 | | | .3 | | 0.090 | 0.005 | 0.002 | 1.340 | 0.041 | 1.600 | 359.0 | 33.0 | | |
| 13 | 07 | 76 | 1230 | | | .3 | | 0.030 | 0.003 | 0.012 | 0.980 | 0.005 | 0.215 | 350.0 | 11.0 | | |
| 17 | 08 | 76 | 1230 | | | .3 | | 0.072 | 0.002 | 0.034 | 1.260 | 0.002 | 0.008 | 223.0 | 25.0 | | |
| 14 | 09 | 76 | 1245 | | | .3 | | 0.038 | 0.003 | 0.018 | 0.740 | 0.002 | 0.005L | 130.0 | 5.6 | | |
| 05 | 10 | 76 | 1225 | | | .3 | | 0.014 | 0.003 | 0.004 | 0.720 | 0.002 | 0.005L | 213.0 | 4.6 | | |
| 16 | 11 | 76 | 1225 | | | .3 | | 0.018 | 0.002 | 0.020 | 0.540 | 0.001 | 0.005L | 131.0 | 6.7 | | |
| 14 | 12 | 76 | 1250 | | | .3 | | 0.152 | 0.003 | 0.022 | 1.240 | 0.007 | 0.373 | 382.0 | 90.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1520 | | | .3 | | 460 | 2.00 | 8.3 | 29.5 | | | | | | |
| 09 | 02 | 76 | 1510 | | | .3 | | 570 | 18.00 | 11.0 | 34.0 | | | | | | |
| 08 | 03 | 76 | 1345 | | | .3 | | 365 | 4.30 | 7.0 | 19.0 | | | | | | |
| 12 | 04 | 76 | 1350 | | | .3 | | 390 | 2.00 | 9.6 | 42.0 | | | | | | |
| 11 | 05 | 76 | 1325 | | | .3 | | 430 | 4.00 | 8.5 | 18.0 | | | | | | |
| 15 | 06 | 76 | 1305 | | | .3 | | 440 | 15.00 | 15.0 | 26.0 | | | | | | |
| 13 | 07 | 76 | 1230 | | | .3 | | 477 | 3.00 | 13.0 | 23.0 | | | | | | |
| 17 | 08 | 76 | 1230 | | | .3 | | 295 | 7.00 | 8.2 | 9.5 | | | | | | |
| 14 | 09 | 76 | 1245 | | | .3 | | 190 | 3.00 | 3.5 | 6.0 | | | | | | |
| 05 | 10 | 76 | 1225 | | | .3 | | 320 | 2.20 | 6.3 | 16.5 | | | | | | |
| 16 | 11 | 76 | 1225 | | | .3 | | 190 | 1.60 | 1.2 | 5.0 | | | | | | |
| 14 | 12 | 76 | 1250 | | | .3 | | 455 | 38.00 | 9.2 | 21.5 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: ERAMOSA RIVER
 SAMPLE POINT: THIRD CONC ERAMOSA TWP
 STATION TYPE: RIVER FLOW GAUGE FED 02GA029

STATION ID: 16-0184-040-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 40 | LAT | LONG | U.T.M. 17 0568400.0 4828300.0 4 | | | | REGION 02 | MILEAGE 117.70 | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 | 1140 | | | | .3 | | 32425 | | 42.00 | 36. | 16. | 1. | | 1.0 | 9.6 | 0.6 |
| 09 02 76 | 1115 | | | | .3 | | 32461 | | 45.50 | 10. | 1. | 4. | | 1.0 | 8.8 | 1.0 |
| 08 03 76 | 1055 | | | | .3 | | 32497 | | 314.00 | 10. | 10. | 10. | | 1.0 | 11.0 | 0.8 |
| 12 04 76 | 1110 | | | | .3 | | 32510 | | 134.00 | 28. | 1. | 1. | | 4.5 | 9.0 | 0.4 |
| 11 05 76 | 1020 | | | | .3 | | 32559 | | 201.00 | 40. | 8. | 8. | | 13.0 | 9.0 | 0.8 |
| 15 06 76 | 0935 | | | | .3 | | 32595 | | 74.40 | 2400. | | 44. | | 22.5 | 7.6 | 0.6 |
| 13 07 76 | 0945 | | | | .3 | | 32631 | | 60.20 | 100. | L | 1. | | 19.0 | 8.0 | 1.2 |
| 17 08 76 | 0955 | | | | .3 | | 32667 | | 88.40 | 100. | | 1. | | 18.5 | 8.0 | 1.2 |
| 14 09 76 | 1010 | | | | .3 | | 32703 | | 29.70 | 200. | 4. | 4. | | 18.0 | 7.8 | 0.4 |
| 05 10 76 | 1010 | | | | .3 | | 32739 | | 37.00 | 130. | 6. | 12. | | 14.0 | 7.2 | 1.0 |
| 16 11 76 | 1010 | | | | .3 | | 32775 | | 38.70 | 30. | 1. | 16. | | 2.0 | 10.6 | 1.4 |
| 14 12 76 | 1035 | | | | .3 | | 32811 | | 36.50 | 100. | 4. | 4. | | 0.0 | 11.4 | 1.2 |
| MAXIMUM | | | | | | | | | 314.00 | 2400. | 16. | 44. | | 22.5 | 11.4 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | 91.78 | 67.* D | 4.* D | 4.* | | 9.5 | 9.0 | 0.9 |
| MINIMUM | | | | | | | | | 29.70 | 10. | 1. | 1. | | 0.0 | 7.2 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 76 | 1140 | | | | .3 | | 0.012 | 0.002 | 0.020 | 0.400 | 0.007 | 1.100 | 380.0 | 18.0 | | |
| 09 02 76 | 1115 | | | | .3 | | 0.013 | 0.004 | 0.030 | 0.400 | 0.009 | 1.260 | 356.0 | 2.8 | | |
| 08 03 76 | 1055 | | | | .3 | | 0.015 | 0.003 | 0.002L | 0.380 | 0.004 | 1.320 | 278.0 | 2.9 | | |
| 12 04 76 | 1110 | | | | .3 | | 0.009 | 0.001 | 0.006 | 0.370 | 0.003 | 0.632 | 297.0 | 2.4 | | |
| 11 05 76 | 1020 | | | | .3 | | 0.013 | 0.001 | 0.034 | 0.570 | 0.004 | 0.231 | 266.0 | 3.4 | | |
| 15 06 76 | 0935 | | | | .3 | | 0.034 | 0.003 | 0.044 | 0.720 | 0.007 | 0.248 | 330.0 | 8.3 | | |
| 13 07 76 | 0945 | | | | .3 | | 0.030 | 0.009 | 0.036 | 0.820 | 0.010 | 0.265 | 334.0 | 4.0 | | |
| 17 08 76 | 0955 | | | | .3 | | 0.040 | 0.010 | 0.060 | 0.760 | 0.004 | 0.106 | 296.0 | 5.3 | | |
| 14 09 76 | 1010 | | | | .3 | | 0.016 | 0.004 | 0.022 | 0.340 | 0.003 | 0.127 | 305.0 | 2.1 | | |
| 05 10 76 | 1010 | | | | .3 | | 0.008 | 0.003 | 0.018 | 0.440 | 0.003 | 0.197 | 319.0 | 3.6 | | |
| 16 11 76 | 1010 | | | | .3 | | 0.009 | 0.002 | 0.018 | 0.350 | 0.002 | 0.763 | 341.0 | 2.0 | | |
| 14 12 76 | 1035 | | | | .3 | | 0.009 | 0.001 | 0.010 | 0.480 | 0.004 | 0.750 | 367.0 | 4.0 | | |
| MAXIMUM | | | | | | | 0.040 | 0.010 | 0.060 | 0.820 | 0.010 | 1.320 | 380.0 | 18.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.004 | 0.025D | 0.503 | 0.005 | 0.583 | 322.4 | 4.9 | | |
| MINIMUM | | | | | | | 0.008 | 0.001 | 0.002 | 0.340 | 0.002 | 0.106 | 266.0 | 2.0 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 76 | 1140 | | | | .3 | | 560 | 0.70 | 13.0 | 43.5 | | | | | | |
| 09 02 76 | 1115 | | | | .3 | | 550 | 1.60 | 12.0 | 39.0 | | | | | | |
| 08 03 76 | 1055 | | | | .3 | | 425 | 1.80 | 12.5 | 31.0 | | | | | | |
| 12 04 76 | 1110 | | | | .3 | | 435 | 1.20 | 11.5 | 27.5 | | | | | | |
| 11 05 76 | 1020 | | | | .3 | | 425 | 1.60 | 10.5 | 20.0 | | | | | | |
| 15 06 76 | 0935 | | | | .3 | | 490 | 3.00 | 11.5 | 27.0 | | | | | | |
| 13 07 76 | 0945 | | | | .3 | | 478 | 4.50 | 11.0 | 20.0 | | | | | | |
| 17 08 76 | 0955 | | | | .3 | | 430 | 2.60 | 9.3 | 19.0 | | | | | | |
| 14 09 76 | 1010 | | | | .3 | | 475 | 0.90 | 12.0 | 29.0 | | | | | | |
| 05 10 76 | 1010 | | | | .3 | | 500 | 1.80 | 12.0 | 27.5 | | | | | | |
| 16 11 76 | 1010 | | | | .3 | | 550 | 2.00 | 14.0 | 35.5 | | | | | | |
| 14 12 76 | 1035 | | | | .3 | | 580 | 1.80 | 14.5 | 39.5 | | | | | | |
| MAXIMUM | | | | | | | 580 | 4.50 | 14.5 | 43.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 492 | 1.96 | 12.0 | 29.9 | | | | | | |
| MINIMUM | | | | | | | 425 | 0.70 | 9.3 | 19.0 | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
STATION TYPE: RIVER

STATION ID: 16-0184-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 41 LAT LONG U.T.M. 17 0547700.0 4807600.0 4 REGION 02 MILEAGE 101.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0955 | | | | .3 | 32411 | | | 1100. | 200. | 100. L | | 0.0 | 10.4 | 1.6 |
| 09 | 02 | 76 | 0955 | | | | .3 | 32447 | | | 100. | 100. L | 100. L | | 0.0 | 6.6 | 0.8 |
| 08 | 03 | 76 | 0940 | | | | .3 | 32483 | | | 500. | 200. | 100. L | | 0.5 | 12.2 | 1.2 |
| 12 | 04 | 76 | 0935 | | | | .3 | 32532 | | | 190. | 4. | 1. | | 3.5 | 8.6 | 1.0 |
| 10 | 05 | 76 | 0910 | | | | .3 | 32545 | | | 500. | 40. | 10. L | | 12.0 | 10.0 | 1.6 |
| 14 | 06 | 76 | 0945 | | | | .3 | 32581 | | | 100. | | 4. | | 22.5 | 7.4 | 1.6 |
| 12 | 07 | 76 | 0935 | | | | .3 | 32617 | | | 100. | | 12. | | 19.5 | 7.4 | 1.0 |
| 16 | 08 | 76 | 0930 | | | | .3 | 32653 | | | 540. | 1. | 4. | | 18.0 | 8.0 | 1.0 |
| 13 | 09 | 76 | 0930 | | | | .3 | 32689 | | | 100. | 40. | 1. | | 18.0 | 6.6 | 1.4 |
| 04 | 10 | 76 | 0940 | | | | .3 | 32725 | | | 500. | 32. | 4. | | 14.0 | 7.4 | 1.4 |
| 15 | 11 | 76 | 0945 | | | | .3 | 32761 | | | 400. | 40. | 10. | | 1.0 | 12.4 | 1.1 |
| 13 | 12 | 76 | 0940 | | | | .3 | 32797 | | | 240. | 30. | 2. | | 0.0 | 9.0 | 0.8 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | 1100. | 200. | 100. | | 22.5 | 12.4 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 268.* | 32.* D | 9.* D | | 9.1 | 8.8 | 1.2 |
| MINIMUM | | | | | | | | 100. | 1. | 1. | | 0.0 | 6.6 | 0.8 |
| NO OF SAMPLES | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0955 | | | | .3 | 0.075 | 0.053 | 0.190 | 0.770 | 0.032 | 2.700 | 437.0 | 3.0 | | |
| 09 | 02 | 76 | 0955 | | | | .3 | 0.069 | 0.042 | 0.300 | 0.880 | 0.028 | 3.000 | 446.0 | 3.0 | | |
| 08 | 03 | 76 | 0940 | | | | .3 | 0.095 | 0.032 | 0.172 | 0.740 | 0.019 | 3.330 | 299.0 | 19.0 | | |
| 12 | 04 | 76 | 0935 | | | | .3 | 0.054 | 0.018 | 0.086 | 0.510 | 0.038 | 3.300 | 318.0 | 7.7 | | |
| 10 | 05 | 76 | 0910 | | | | .3 | 0.066 | 0.002 | 0.028 | 1.770 | 0.017 | 2.030 | 304.0 | 15.0 | | |
| 14 | 06 | 76 | 0945 | | | | .3 | 0.057 | 0.001 | 0.030 | 1.050 | 0.064 | 1.470 | 360.0 | 14.0 | | |
| 12 | 07 | 76 | 0935 | | | | .3 | 0.052 | 0.012 | 0.014 | 0.660 | 0.007 | 1.500 | 316.0 | 7.8 | | |
| 16 | 08 | 76 | 0930 | | | | .3 | 0.070 | 0.017 | 0.027 | 0.700 | 0.011 | 1.240 | 335.0 | 19.0 | | |
| 13 | 09 | 76 | 0930 | | | | .3 | 0.072 | 0.015 | 0.025 | 0.810 | 0.010 | 0.630 | 284.0 | 22.0 | | |
| 04 | 10 | 76 | 0940 | | | | .3 | 0.044 | 0.007 | 0.016 | 0.680 | 0.010 | 0.645 | 308.0 | 9.1 | | |
| 15 | 11 | 76 | 0945 | | | | .3 | 0.024 | 0.013 | 0.042 | 0.620 | 0.030 | 1.470 | 372.0 | 3.1 | | |
| 13 | 12 | 76 | 0940 | | | | .3 | 0.022 | 0.002 | 0.208 | 0.870 | 0.015 | 1.590 | 413.0 | 2.9 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|------|--|--|
| MAXIMUM | | | | | | | | 0.095 | 0.053 | 0.300 | 1.770 | 0.064 | 3.330 | 446.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.058 | 0.018 | 0.095 | 0.838 | 0.023 | 1.909 | 349.3 | 10.5 | | |
| MINIMUM | | | | | | | | 0.022 | 0.001 | 0.014 | 0.510 | 0.007 | 0.620 | 284.0 | 2.9 | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0955 | | | | .3 | 660 | 2.40 | 24.5 | 60.0 | | | | | | |
| 09 | 02 | 76 | 0955 | | | | .3 | 690 | 1.80 | 29.0 | 55.0 | | | | | | |
| 08 | 03 | 76 | 0940 | | | | .3 | 435 | 11.00 | 14.5 | 25.0 | | | | | | |
| 12 | 04 | 76 | 0935 | | | | .3 | 500 | 9.30 | 22.0 | 40.0 | | | | | | |
| 10 | 05 | 76 | 0910 | | | | .3 | 440 | 5.50 | 13.0 | 25.5 | | | | | | |
| 14 | 06 | 76 | 0945 | | | | .3 | 520 | 3.00 | 26.5 | 50.0 | | | | | | |
| 12 | 07 | 76 | 0935 | | | | .3 | 439 | 5.60 | 17.5 | 34.0 | | | | | | |
| 16 | 08 | 76 | 0930 | | | | .3 | 480 | 8.00 | 20.0 | 39.5 | | | | | | |
| 13 | 09 | 76 | 0930 | | | | .3 | 425 | 7.40 | 16.5 | 32.5 | | | | | | |
| 04 | 10 | 76 | 0940 | | | | .3 | 470 | 4.00 | 20.5 | 38.5 | | | | | | |
| 15 | 11 | 76 | 0945 | | | | .3 | 600 | 4.00 | 23.5 | 52.0 | | | | | | |
| 13 | 12 | 76 | 0940 | | | | .3 | 630 | 3.60 | 26.5 | 50.0 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 690 | 11.00 | 29.0 | 60.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 524 | 5.47 | 21.2 | 41.8 | | | | | | |
| MINIMUM | | | | | | | | 425 | 1.80 | 13.0 | 25.0 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W./ SITE: GRAND RIVER
 SAMPLE POINT: PILKINGTON WOOLWICH TWP LINE
 STATION TYPE: RIVER

STATION ID: 16-0184-042-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 42 | LAT | LONG | U.T.M. 17 0542200.0 4830800.0 4 | | | | | | | | | REGION 02 | MILEAGE 127.60 | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | ROS WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 1250 | | | .3 | | 32427 | | | 2000. | 300. | 100. L | | 0.0 | 8.6 | 5.5 |
| 09 02 | 76 | 1300 | | | .3 | | 32463 | | | 100. L | 100. L | 100. L | | 0.0 | 8.8 | 1.2 |
| 08 03 | 76 | 1200 | | | .3 | | 32499 | | | 1000. | 100. | 100. | | 1.0 | 9.0 | 1.2 |
| 12 04 | 76 | 1235 | | | .3 | | 32512 | | | 50. | 1. | 1. | | 6.0 | 10.6 | 0.6 |
| 11 05 | 76 | 1115 | | | .3 | | 32561 | | | 600. | 28. | 8. | | 10.0 | 12.2 | 1.2 |
| 15 06 | 76 | 1020 | | | .3 | | 32597 | | | 6500. | 4. | 4. | | 20.0 | 7.2 | 2.4 |
| 13 07 | 76 | 1040 | | | .3 | | 32633 | | | 2000. | | 8. | | 16.0 | 10.6 | 1.0 |
| 17 08 | 76 | 1045 | | | .3 | | 32669 | | | 800. | | 4. | | 20.0 | 4.8 | 1.4 |
| 14 09 | 76 | 1105 | | | .3 | | 32705 | | | 800. | 56. | 40. | | 19.0 | 9.0 | 1.2 |
| 05 10 | 76 | 1105 | | | .3 | | 32741 | | | 2100. | 44. | 10. | | 15.0 | 9.2 | 1.8 |
| 16 11 | 76 | 1105 | | | .3 | | 32777 | | | 1400. | 12. | 8. | | 0.5 | 8.4 | 1.1 |
| 14 12 | 76 | 1110 | | | .3 | | 32813 | | | 400. | 88. | 26. | | 0.0 | 8.6 | 1.8 |
| MAXIMUM | | | | | | | | | | 6500. | 300. | 100. | | 20.0 | 12.2 | 5.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | 790.* D | 39.* D | 14.* D | | 9.0 | 8.9 | 1.7 |
| MINIMUM | | | | | | | | | | 50. | 1. | 1. | | 0.0 | 4.8 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 01 | 76 | 1250 | | | .3 | | 0.280 | 0.007 | 0.120 | 1.800 | 0.033 | 1.600 | 482.0 | 102.0 | | |
| 09 02 | 76 | 1300 | | | .3 | | 0.046 | 0.014 | 0.120 | 0.840 | 0.021 | 2.230 | 373.0 | 7.0 | | |
| 08 03 | 76 | 1200 | | | .3 | | 0.086 | 0.019 | 0.108 | 0.800 | 0.018 | 2.130 | 287.0 | 30.0 | | |
| 12 04 | 76 | 1235 | | | .3 | | 0.029 | 0.006 | 0.014 | 0.530 | 0.010 | 2.300 | | 4.1 | | 257 |
| 11 05 | 76 | 1115 | | | .3 | | 0.028 | 0.001 | 0.010 | 0.690 | 0.010 | 1.030 | 264.0 | 7.4 | | 260 |
| 15 06 | 76 | 1020 | | | .3 | | 0.234 | 0.045 | 0.150 | 1.460 | 0.080 | 3.120 | 273.0 | 71.0 | | 260 |
| 13 07 | 76 | 1040 | | | .3 | | 0.035 | 0.013 | 0.028 | 0.650 | 0.032 | 0.988 | 309.0 | 8.8 | | |
| 17 08 | 76 | 1045 | | | .3 | | 0.066 | 0.015 | 0.050 | 0.880 | 0.006 | 0.549 | 270.0 | 10.0 | | |
| 14 09 | 76 | 1105 | | | .3 | | 0.050 | 0.006 | 0.024 | 0.620 | 0.015 | 0.380 | 256.0 | 8.5 | | |
| 05 10 | 76 | 1105 | | | .3 | | 0.036 | 0.008 | 0.016 | 0.680 | 0.028 | 0.527 | 274.0 | 11.0 | | |
| 16 11 | 76 | 1105 | | | .3 | | 0.031 | 0.004 | 0.012 | 0.740 | 0.016 | 0.894 | 353.0 | 6.7 | | |
| 14 12 | 76 | 1110 | | | .3 | | 0.028 | 0.002 | 0.060 | 0.890 | 0.008 | 0.870 | 351.0 | 13.0 | | |
| MAXIMUM | | | | | | | 0.280 | 0.045 | 0.150 | 1.800 | 0.080 | 3.120 | 482.0 | 102.0 | | 260 |
| AVG OR GEOM MN (*) | | | | | | | 0.079 | 0.012 | 0.059 | 0.882 | 0.023 | 1.385 | 317.5 | 23.3 | | 259 |
| MINIMUM | | | | | | | 0.028 | 0.001 | 0.010 | 0.530 | 0.006 | 0.380 | 256.0 | 4.1 | | 257 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 12 | | 3 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 01 | 76 | 1250 | | | .3 | | 540 | 3.40 | 13.0 | 42.5 | | | | | | |
| 09 02 | 76 | 1300 | | | .3 | | 580 | 2.50 | 15.0 | 38.0 | | | | | | |
| 08 03 | 76 | 1200 | | | .3 | | 395 | 7.90 | 9.3 | 25.0 | | | | | | |
| 12 04 | 76 | 1235 | | | .3 | | 400 | 3.30 | 13.0 | 22.5 | | | | | | |
| 11 05 | 76 | 1115 | | | .3 | | 400 | 3.30 | 9.0 | 19.0 | | | | | | |
| 15 06 | 76 | 1020 | | | .3 | | 395 | 4.40 | 12.5 | 26.0 | | | | | | |
| 13 07 | 76 | 1040 | | | .3 | | 425 | 5.10 | 12.0 | 23.0 | | | | | | |
| 17 08 | 76 | 1045 | | | .3 | | 420 | 4.40 | 11.0 | 22.5 | | | | | | |
| 14 09 | 76 | 1105 | | | .3 | | 380 | 6.80 | 10.5 | 21.0 | | | | | | |
| 05 10 | 76 | 1105 | | | .3 | | 405 | 5.80 | 11.0 | 22.5 | | | | | | |
| 16 11 | 76 | 1105 | | | .3 | | 540 | 3.50 | 13.0 | 38.5 | | | | | | |
| 14 12 | 76 | 1110 | | | .3 | | 520 | 3.20 | 14.5 | 33.0 | | | | | | |
| MAXIMUM | | | | | | | 580 | 7.90 | 15.0 | 42.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 450 | 4.47 | 12.0 | 27.8 | | | | | | |
| MINIMUM | | | | | | | 380 | 2.50 | 9.0 | 19.0 | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | | | | | | |

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: AT WOODLAWN ROAD, GUELPH UL-2
 STATION TYPE: RIVER

PLUARG

STATION ID: 16-0184-043-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 43 | LAT | LONG | U.T.M. 17 0558890.0 4824130.0 4 | | | | | | | REGION 02 | MILEAGE | 111.90 | | | |
|----------|--------|---------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 76 | 1210 | | | | .3 | | 32426 | | | 960. | 10. | 10. L | | 0.0 | 8.6 | 1.2 |
| 09 02 76 | 1140 | | | | .3 | | 32462 | | | 10. L | 10. L | 10. L | | 0.0 | 8.4 | 1.0 |
| 08 03 76 | 1115 | | | | .3 | | 32498 | | | 100. | 40. | 10. | | 1.0 | 7.2 | 0.4 |
| 12 04 76 | 1130 | | | | .3 | | 32511 | | | 28. | 1. | 1. | | 6.0 | 11.6 | 0.6 |
| 11 05 76 | 1045 | | | | .3 | | 32560 | | | 30. | 4. | 1. | | 11.0 | 10.0 | 0.8 |
| 15 06 76 | 0955 | | | | .3 | | 32596 | | | 700. | | 172. | | 21.5 | 7.4 | 1.2 |
| 13 07 76 | 1010 | | | | .3 | | 32632 | | | 100. | | 4. | | 19.0 | 5.4 | 1.2 |
| 17 08 76 | 1015 | | | | .3 | | 32668 | | | 400. | | 12. | | 19.0 | 7.6 | 2.2 |
| 14 09 76 | 1030 | | | | .3 | | 32704 | | | 110. | 20. | 1. | | 18.0 | 7.4 | 0.8 |
| 05 10 76 | 1035 | | | | .3 | | 32740 | | | 130. | 8. | 1. | | 14.0 | 6.2 | 1.6 |
| 16 11 76 | 1035 | | | | .3 | | 32776 | | | 20. | 1. | 1. | | 2.0 | 9.2 | 1.2 |
| 14 12 76 | 1035 | | | | .3 | | 32812 | | | 10. | 2. L | 2. L | | 0.0 | 4.0 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

960.
 80.* D
 10.

40.
 6.* D
 1.

172.
 4.* D
 1.

21.5
 9.3
 0.0

11.6
 7.8
 4.0

2.2
 1.2
 0.4

NO OF SAMPLES

12

9

12

12

12

12

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 01 76 1210 | | | .3 | | 0.009 | 0.001 | 0.030 | 0.450 | 0.012 | 1.900 | 389.0 | 3.0 | | |
| 09 02 76 1140 | | | .3 | | 0.010 | 0.002 | 0.030 | 0.480 | 0.012 | 1.720 | 381.0 | 3.5 | | |
| 08 03 76 1115 | | | .3 | | 0.018 | 0.005 | 0.020 | 0.460 | 0.012 | 3.440 | 317.0 | 3.5 | | |
| 12 04 76 1130 | | | .3 | | 0.032 | 0.001 | 0.018 | 0.540 | 0.013 | 2.900 | 239.0 | 5.4 | | 234 |
| 11 05 76 1045 | | | .3 | | 0.024 | 0.001 | 0.038 | 0.590 | 0.015 | 1.090 | 274.0 | 5.7 | | |
| 15 06 76 0955 | | | .3 | | 0.023 | 0.001 | 0.050 | 0.760 | 0.019 | 0.496 | 281.0 | 5.4 | | |
| 13 07 76 1010 | | | .3 | | 0.015 | 0.004 | 0.002L | 0.630 | 0.110 | 0.340 | 305.0 | 6.0 | | |
| 17 08 76 1015 | | | .3 | | 0.058 | 0.026 | 0.296 | 0.980 | 0.215 | 0.160 | 286.0 | 18.0 | | |
| 14 09 76 1030 | | | .3 | | 0.020 | 0.002 | 0.020 | 0.630 | 0.029 | 0.301 | 292.0 | 3.7 | | |
| 05 10 76 1035 | | | .3 | | 0.014 | 0.001 | 0.044 | 0.640 | 0.018 | 0.257 | 290.0 | 5.2 | | |
| 16 11 76 1035 | | | .3 | | 0.018 | 0.001 | 0.002 | 0.680 | 0.005 | 0.715 | 332.0 | 7.7 | | |
| 14 12 76 1035 | | | .3 | | 0.021 | 0.001 | 0.030 | 0.720 | 0.006 | 0.870 | 376.0 | 7.8 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.058
 0.022
 0.009

0.026
 0.004
 0.001

0.296
 0.048D
 0.002

0.980
 0.630
 0.450

0.215
 0.039
 0.005

3.440
 1.182
 0.160

389.0
 313.5
 239.0

18.0
 6.2
 3.0

234
 234
 234

NO OF SAMPLES

12

12

12

12

12

12

12

12

1

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 76 1210 | | | .3 | | 600 | 4.00 | 16.5 | 42.5 | | | | | | |
| 09 02 76 1140 | | | .3 | | 580 | 2.00 | 15.0 | 39.0 | | | | | | |
| 08 03 76 1115 | | | .3 | | 475 | 2.10 | 20.0 | 32.0 | | | | | | |
| 12 04 76 1130 | | | .3 | | 360 | 1.20 | 11.5 | 20.0 | | | | | | |
| 11 05 76 1045 | | | .3 | | 425 | 2.10 | 12.0 | 20.0 | | | | | | |
| 15 06 76 0955 | | | .3 | | 425 | 2.30 | 11.5 | 21.5 | | | | | | |
| 13 07 76 1010 | | | .3 | | 445 | 2.00 | 13.0 | 20.0 | | | | | | |
| 17 08 76 1015 | | | .3 | | 450 | 4.20 | 11.0 | 17.5 | | | | | | |
| 14 09 76 1030 | | | .3 | | 455 | 1.20 | 12.0 | 18.0 | | | | | | |
| 05 10 76 1035 | | | .3 | | 460 | 2.00 | 12.5 | 17.5 | | | | | | |
| 16 11 76 1035 | | | .3 | | 520 | 3.20 | 14.5 | 25.5 | | | | | | |
| 14 12 76 1035 | | | .3 | | 580 | 3.00 | 19.5 | 30.5 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

600
 481
 360

4.20
 2.44
 1.20

20.0
 14.1
 11.0

42.5
 25.3
 17.5

NO OF SAMPLES

12

12

12

12

B.O.W./ SITE: FAIRCHILD CREEK
 SAMPLE POINT: FIRST CONC DOWNSTREAM FROM ST GEORGE
 STATION TYPE: RIVER FLOW GAUGE FED 02GB007

STATION ID: 16-0184-044-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 44 LAT LONG U.T.M. 17 0561450.0 4786500.0 4 REGION 02 MILEAGE 66.80

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-CAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0935 | | | .3 | | 32401 | | 50.00 | 2900. | 200. | 100. | L | 0.0 | 10.0 | 1.8 |
| 09 | 02 | 76 | 0935 | | | .3 | | 32437 | | 83.00 | 400. | 300. | 100. | | 0.0 | 9.0 | 0.8 |
| 08 | 03 | 76 | 0920 | | | .3 | | 32473 | | 904.00 | 1800. | 100. | 100. | | 0.0 | 11.8 | 0.6 |
| 12 | 04 | 76 | 0920 | | | .3 | | 32522 | | 97.10 | 1200. | 96. | 8. | | 3.0 | 6.0 | 0.6 |
| 17 | 05 | 76 | 0910 | | | .3 | | 32571 | | 201.00 | 38000. | 432. | 292 | | 16.0 | 7.6 | 1.2 |
| 21 | 06 | 76 | 1000 | | | .3 | | 32607 | | 62.40 | 1900. | | 110. | | 18.0 | 6.4 | 1.0 |
| 19 | 07 | 76 | 0920 | | | .3 | | 32643 | | 23.60 | | | | | 18.5 | 7.4 | 0.8 |
| 23 | 08 | 76 | 0930 | | | .3 | | 32679 | | 18.50 | 2000. | 84. | 20. | | 19.0 | 7.2 | 0.8 |
| 20 | 09 | 76 | 1200 | | | .3 | | 32715 | | 231.00 | 3600. | 1040. | 112. | | 18.0 | 6.6 | 2.0 |
| 12 | 10 | 76 | 0945 | | | .3 | | 32751 | | 28.70 | 5700. | 50. | 40. | | 9.0 | 6.4 | 1.1 |
| 21 | 11 | 76 | 0945 | | | .3 | | 32787 | | 32.00 | 7400. | 700. | 64. | | 1.0 | 8.8 | 0.6 |
| 20 | 12 | 76 | 0950 | | | .3 | | 32822 | | 35.00 | 31000. | 1600. | 504. | | 2.0 | 10.8 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

904.00 38000. 1600. 504.
 147.19 3685. * 256. * 79. * D
 18.50 400. 50. 8.

19.0 11.8 2.0
 8.7 8.2 1.1
 0.0 6.0 0.6

NO OF SAMPLES

12 11 10 11 12 12 12

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0935 | | | .3 | | 0.059 | 0.008 | 0.050 | 0.520 | 0.015 | 2.200 | 494.0 | 6.0 | | |
| 09 | 02 | 76 | 0935 | | | .3 | | 0.061 | 0.016 | 0.060 | 0.550 | 0.012 | 2.010 | 507.0 | 9.1 | | |
| 08 | 03 | 76 | 0920 | | | .3 | | 0.061 | 0.013 | 0.044 | 0.460 | 0.012 | 2.340 | 319.0 | 21.0 | | |
| 12 | 04 | 76 | 0920 | | | .3 | | 0.028 | 0.008 | 0.012 | 0.460 | 0.010 | 0.600 | 368.0 | 6.2 | | |
| 17 | 05 | 76 | 0910 | | | .3 | | 0.072 | 0.018 | 0.034 | 0.690 | 0.021 | 1.200 | 379.0 | 14.0 | | |
| 21 | 06 | 76 | 1000 | | | .3 | | 0.094 | 0.037 | 0.081 | 0.920 | 0.070 | 1.330 | 444.0 | 24.0 | | |
| 19 | 07 | 76 | 0920 | | | .3 | | 0.071 | 0.045 | 0.022 | 0.480 | 0.032 | 0.768 | 442.0 | 1.7 | | |
| 23 | 08 | 76 | 0930 | | | .3 | | 0.054 | 0.044 | 0.078 | 0.600 | 0.025 | 1.170 | 414.0 | 56.0 | | |
| 20 | 09 | 76 | 1200 | | | .3 | | 0.168 | 0.075 | 0.390 | 1.380 | 0.072 | 1.530 | 427.0 | 36.0 | | |
| 12 | 10 | 76 | 0945 | | | .3 | | 0.039 | 0.019 | 0.012 | 0.450 | 0.006 | 1.070 | 459.0 | 6.0 | | |
| 21 | 11 | 76 | 0945 | | | .3 | | 0.032 | 0.015 | 0.008 | 0.400 | 0.008 | 1.340 | 451.0 | 6.5 | | |
| 20 | 12 | 76 | 0950 | | | .3 | | 0.102 | 0.028 | 0.072 | 0.620 | 0.018 | 1.740 | 504.0 | 24.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.168 0.075 0.390 1.380 0.072 2.340 507.0 56.0
 0.070 0.027 0.072 0.628 0.025 1.448 434.0 17.5
 0.028 0.008 0.008 0.400 0.006 0.600 319.0 1.7

NO OF SAMPLES

12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | LT LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0935 | | | .3 | | 780 | 2.60 | 18.5 | | | | | | | |
| 09 | 02 | 76 | 0935 | | | .3 | | 730 | 5.10 | 19.5 | | | | | | | |
| 08 | 03 | 76 | 0920 | | | .3 | | 470 | 8.70 | 15.0 | | | | | | | |
| 12 | 04 | 76 | 0920 | | | .3 | | 550 | 4.30 | 17.0 | | | | | | | |
| 17 | 05 | 76 | 0910 | | | .3 | | 600 | 5.00 | 13.5 | | | | | | | |
| 21 | 06 | 76 | 1000 | | | .3 | | 590 | 7.50 | 16.0 | 47.5 | | | | | | |
| 19 | 07 | 76 | 0920 | | | .3 | | 565 | 4.30 | 16.0 | | | | | | | |
| 23 | 08 | 76 | 0930 | | | .3 | | 585 | 9.10 | 18.5 | | | | | | | |
| 20 | 09 | 76 | 1200 | | | .3 | | 590 | 24.00 | 21.5 | | | | | | | |
| 12 | 10 | 76 | 0945 | | | .3 | | 780 | 4.20 | 21.0 | | | | | | | |
| 21 | 11 | 76 | 0945 | | | .3 | | 700 | 3.60 | 19.5 | | | | | | | |
| 20 | 12 | 76 | 0950 | | | .3 | | 760 | 9.00 | 43.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

780 24.00 43.5 47.5
 642 7.28 20.0 47.5
 470 2.60 13.5 47.5

NO OF SAMPLES

12 12 12 1

B.O.W. / SITE: NITH RIVER
 SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLEY
 STATION TYPE: RIVER

STATION ID: 16-0184-045-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | | 45 | LAT | | LONG | | U.T.M. 17 0521050.0 4811250.0 4 | | | | REGION 02 | | MILEAGE | | 143.50 | | |
|---------|----|--------|-------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1200 | | | .3 | | 32415 | | | 6700. | 800. | 200. | | 0.0 | 10.2 | 1.6 |
| 09 | 02 | 76 | 1130 | | | .3 | | 32451 | | | 600. | 300. | 100. | | 0.0 | 5.2 | 1.4 |
| 08 | 03 | 76 | 1120 | | | .3 | | 32487 | | | 1100. | 100. | 100. | | 0.0 | 10.2 | 1.0 |
| 12 | 04 | 76 | 1110 | | | .3 | | 32536 | | | 260. | 12. | 12. | | 5.0 | 8.8 | 0.6 |
| 10 | 05 | 76 | 1035 | | | .3 | | 32549 | | | 1100. | 420. | 50. | | 12.0 | 9.0 | 0.8 |
| 14 | 06 | 76 | 1105 | | | .3 | | 32585 | | | 30. | | 10. | L | 23.5 | 8.0 | 1.0 |
| 12 | 07 | 76 | 1050 | | | .3 | | 32621 | | | 100. | | 12. | | 21.0 | 5.2 | 2.0 |
| 16 | 08 | 76 | 1055 | | | .3 | | 32657 | | | 630. | 1. | 24. | | 19.0 | 5.0 | 1.6 |
| 13 | 09 | 76 | 1055 | | | .3 | | 32693 | | | 200. | 72. | 20. | | 19.0 | 8.2 | 1.0 |
| 04 | 10 | 76 | 1110 | | | .3 | | 32729 | | | 210. | 64. | 0. | | 16.0 | 4.4 | 2.2 |
| 15 | 11 | 76 | 1115 | | | .3 | | 32765 | | | 170. | 4. | 4. | | 1.0 | 6.6 | 1.1 |
| 13 | 12 | 76 | 1110 | | | .3 | | 32801 | | | 900. | 160. | 90. | | 0.0 | 5.6 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 | 01 | 76 | 1200 | | | .3 | 0.060 | 0.009 | 0.120 | 0.710 | 0.027 | 2.500 | 412.0 | 6.0 | | |
| 09 | 02 | 76 | 1130 | | | .3 | 0.081 | 0.038 | 0.300 | 0.960 | 0.037 | 2.610 | | | | |
| 08 | 03 | 76 | 1120 | | | .3 | 0.139 | 0.063 | 0.162 | 0.770 | 0.017 | 2.530 | 248.0 | 24.0 | | 224 |
| 12 | 04 | 76 | 1110 | | | .3 | 0.122 | 0.096 | 0.026 | 0.500 | 0.015 | 3.300 | 341.0 | 8.6 | | |
| 10 | 05 | 76 | 1035 | | | .3 | 0.092 | 0.026 | 0.030 | 1.150 | 0.016 | 3.230 | 335.0 | 20.0 | | |
| 14 | 06 | 76 | 1105 | | | .3 | 0.052 | 0.009 | 0.049 | 1.410 | 0.023 | 0.552 | 343.0 | 15.0 | | |
| 12 | 07 | 76 | 1050 | | | .3 | 0.055 | 0.009 | 0.066 | 0.750 | 0.038 | 1.570 | 350.0 | 18.0 | | |
| 16 | 08 | 76 | 1055 | | | .3 | 0.160 | 0.012 | 0.100 | 1.200 | 0.063 | 0.977 | 361.0 | 53.0 | | |
| 13 | 09 | 76 | 1055 | | | .3 | 0.029 | 0.005 | 0.025 | 0.430 | 0.014 | 1.090 | 308.0 | 9.3 | | |
| 04 | 10 | 76 | 1110 | | | .3 | 0.064 | 0.004 | 0.040 | 0.970 | 0.006 | 0.849 | 349.0 | 19.0 | | |
| 15 | 11 | 76 | 1115 | | | .3 | 0.020 | 0.002 | 0.002L | 0.390 | 0.006 | 2.140 | 381.0 | 15.0 | | |
| 13 | 12 | 76 | 1110 | | | .3 | 0.030 | 0.012 | 0.068 | 0.490 | 0.014 | 3.640 | 454.0 | 9.4 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 | 01 | 76 | 1200 | | | .3 | 620 | 4.40 | 15.0 | 37.0 | | | | | | |
| 09 | 02 | 76 | 1130 | | | .3 | 580 | 3.00 | 13.5 | 31.0 | | | | | | |
| 08 | 03 | 76 | 1120 | | | .3 | 345 | 13.00 | 7.6 | 16.0 | | | | | | |
| 12 | 04 | 76 | 1110 | | | .3 | 500 | 6.40 | 11.5 | 25.0 | | | | | | |
| 10 | 05 | 76 | 1035 | | | .3 | 500 | 15.00 | 9.5 | 24.0 | | | | | | |
| 14 | 06 | 76 | 1105 | | | .3 | 475 | 6.40 | 12.5 | 33.5 | | | | | | |
| 12 | 07 | 76 | 1050 | | | .3 | 484 | 16.00 | 16.5 | 34.5 | | | | | | |
| 16 | 08 | 76 | 1055 | | | .3 | 500 | 27.00 | 13.5 | 44.5 | | | | | | |
| 13 | 09 | 76 | 1055 | | | .3 | 500 | 7.50 | 13.0 | 41.5 | | | | | | |
| 04 | 10 | 76 | 1110 | | | .3 | 540 | 9.50 | 29.0 | 40.5 | | | | | | |
| 15 | 11 | 76 | 1115 | | | .3 | 590 | 3.20 | 25.5 | 45.0 | | | | | | |
| 13 | 12 | 76 | 1110 | | | .3 | 680 | 5.50 | 20.5 | 53.0 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: SPEED RIVER
 SAMPLE POINT: 200 YDS UPSTREAM FROM CONFLUENCE WITH GRAND RIVER
 STATION TYPE: RIVER

STATION ID: 16-0184-046-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 46 LAT LONG U.T.M. 17 0551050.0 4804999.0 4 REGION 02 MILEAGE 93.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1510 | | | .3 | | 32422 | | | 1320. | 150. | 40. | | 0.0 | 9.4 | 2.2 |
| 09 | 02 | 76 | 1415 | | | .3 | | 32458 | | | 370. | 40. | 20. | | 0.0 | 9.8 | 1.6 |
| 08 | 03 | 76 | 1425 | | | .3 | | 32494 | | | 100. | 10. | 20. | | 1.0 | 11.6 | 1.0 |
| 12 | 04 | 76 | 1400 | | | .3 | | 32543 | | | 50. | 8. | 1. | | 7.0 | 10.0 | 1.2 |
| 10 | 05 | 76 | 1345 | | | .3 | | 32556 | | | 300. | 30. | 10. | L | 14.0 | 15.0 | 1.6 |
| 14 | 06 | 76 | 1410 | | | .3 | | 32592 | | | 2000. | | 50. | | 23.0 | 9.8 | 1.2 |
| 12 | 07 | 76 | 1400 | | | .3 | | 32628 | | | 3000. | | 20. | | 20.0 | 5.8 | 1.8 |
| 16 | 08 | 76 | 1350 | | | .3 | | 32664 | | | 710. | 1. | 68. | | 20.0 | 5.6 | 1.4 |
| 13 | 09 | 76 | 1330 | | | .3 | | 32700 | | | 600. | 64. | 32. | | 19.0 | 9.4 | 1.2 |
| 04 | 10 | 76 | 1440 | | | .3 | | 32736 | | | 180. | 8. | 96. | | 17.0 | 9.8 | 1.6 |
| 15 | 11 | 76 | 1415 | | | .3 | | 32772 | | | 40. | 8. | 24. | | 2.5 | 8.2 | 0.9 |
| 13 | 12 | 76 | 1415 | | | .3 | | 32808 | | | 60. | 20. | 200. | | 0.0 | 7.8 | 2.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1510 | | | .3 | | 0.056 | 0.025 | 1.000 | 1.700 | 0.013 | 2.300 | 484.0 | 2.0 | | |
| 09 | 02 | 76 | 1415 | | | .3 | | 0.064 | 0.018 | 1.000 | 1.890 | 0.023 | 2.040 | 439.0 | 3.6 | | |
| 08 | 03 | 76 | 1425 | | | .3 | | 0.078 | 0.014 | 0.224 | 0.840 | 0.023 | 2.780 | 355.0 | 15.0 | | |
| 12 | 04 | 76 | 1400 | | | .3 | | 0.054 | 0.015 | 0.700 | 1.300 | 0.065 | 2.500 | 377.0 | 10.0 | | |
| 10 | 05 | 76 | 1345 | | | .3 | | 0.078 | 0.001 | 0.110 | 0.940 | 0.058 | 1.340 | 336.0 | 1.6 | | |
| 14 | 06 | 76 | 1410 | | | .3 | | 0.126 | 0.038 | 0.066 | 1.200 | 0.095 | 1.880 | 476.0 | 8.1 | | |
| 12 | 07 | 76 | 1400 | | | .3 | | 0.134 | 0.041 | 0.046 | 0.980 | 0.024 | 1.390 | 386.0 | 15.0 | | |
| 16 | 08 | 76 | 1350 | | | .3 | | 0.118 | 0.039 | 0.056 | 1.160 | 0.058 | 1.050 | 352.0 | 22.0 | | |
| 13 | 09 | 76 | 1330 | | | .3 | | 0.070 | 0.036 | 0.040 | 0.630 | 0.030 | 2.170 | 431.0 | 6.8 | | |
| 04 | 10 | 76 | 1440 | | | .3 | | 0.063 | 0.026 | 0.024 | 0.790 | 0.027 | 1.270 | 383.0 | 5.7 | | |
| 15 | 11 | 76 | 1415 | | | .3 | | 0.039 | 0.011 | 0.418 | 0.930 | 0.031 | 1.820 | 401.0 | 2.7 | | |
| 13 | 12 | 76 | 1415 | | | .3 | | 0.067 | 0.032 | 1.000 | 1.840 | 0.017 | 1.730 | 516.0 | 7.5 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1510 | | | .3 | | 770 | 1.40 | 55.0 | | | | | | | |
| 09 | 02 | 76 | 1415 | | | .3 | | 720 | 2.00 | 48.0 | | | | | | | |
| 08 | 03 | 76 | 1425 | | | .3 | | 500 | 3.80 | 26.5 | | | | | | | |
| 12 | 04 | 76 | 1400 | | | .3 | | 550 | 2.60 | 37.0 | | | | | | | |
| 10 | 05 | 76 | 1345 | | | .3 | | 500 | 2.00 | 25.5 | | | | | | | |
| 14 | 06 | 76 | 1410 | | | .3 | | 680 | 1.90 | 58.0 | 65.0 | | | | | | |
| 12 | 07 | 76 | 1400 | | | .3 | | 560 | 4.70 | 36.0 | | | | | | | |
| 16 | 08 | 76 | 1350 | | | .3 | | 500 | 5.70 | 27.0 | | | | | | | |
| 13 | 09 | 76 | 1330 | | | .3 | | 660 | 3.60 | 58.0 | | | | | | | |
| 04 | 10 | 76 | 1440 | | | .3 | | 600 | 2.40 | 37.0 | | | | | | | |
| 15 | 11 | 76 | 1415 | | | .3 | | 650 | 3.00 | 40.5 | | | | | | | |
| 13 | 12 | 76 | 1415 | | | .3 | | 810 | 2.00 | 73.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
 STATION TYPE: RIVER

STATION ID: 16-0184-051-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

| STN NO | 51 | LAT | LONG | U.T.M. 17 0535475.0 4829125.0 4 | REGION 02 | MILEAGE | 129.20 | | | | | | | | | |
|--------------------|--------|-------|---------------|---------------------------------|-----------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 12 | 01 | 76 | 1710 | | .3 | | 32433 | | | 1000. | 100. | 100. | L | 1.0 | 7.0 | 1.6 |
| 09 | 02 | 76 | 1650 | | .3 | | 32469 | | | 1000. | 100. | 100. | L | 0.0 | 6.2 | 2.8 |
| 08 | 03 | 76 | 1540 | | .3 | | 32505 | | | 1000. | 500. | 300. | | 1.0 | 9.4 | 1.2 |
| 12 | 04 | 76 | 1520 | | .3 | | 32518 | | | 200. | 4. | 24. | | 7.0 | 11.4 | 0.6 |
| 11 | 05 | 76 | 1455 | | .3 | | 32567 | | | 100. | 68. | 8. | | 11.0 | 12.6 | 2.0 |
| 15 | 06 | 76 | 1445 | | .3 | | 32603 | | | 600. | | 32. | | 21.0 | 13.8 | 2.2 |
| 13 | 07 | 76 | 1410 | | .3 | | 32639 | | | 100. | L | 4. | | 20.0 | 12.0 | 3.2 |
| 17 | 08 | 76 | 1410 | | .3 | | 32675 | | | 200. | | 8. | | 22.0 | 9.8 | 6.0 |
| 13 | 09 | 76 | 1415 | | .3 | | 32711 | | | 300. | 680. | 148. | | 22.0 | 10.2 | 2.2 |
| 05 | 10 | 76 | 1430 | | .3 | | 32747 | | | 1800. | 330. | 164. | | 18.0 | 11.6 | 2.6 |
| 16 | 11 | 76 | 1415 | | .3 | | 32783 | | | 400. | 10. | 4. | | 4.5 | 10.2 | 2.2 |
| 14 | 12 | 76 | 1425 | | .3 | | 32819 | | | 2400. | 164. | 108. | | 0.0 | 7.0 | 1.6 |
| | | | | | | | | | | 2400. | 680. | 300. | | 22.0 | 13.8 | 6.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 473.* D | 93.* | 37.* D | | 10.6 | 10.1 | 2.4 |
| MINIMUM | | | | | | | | | | 100. | 4. | 4. | | 0.0 | 6.2 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 12 | 9 | 12 | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 12 | 01 | 76 | 1710 | | .3 | | 0.096 | 0.035 | 0.210 | 0.740 | 0.025 | 4.800 | 440.0 | 17.0 | | |
| 09 | 02 | 76 | 1650 | | .3 | | 0.095 | 0.022 | 0.300 | 0.780 | 0.030 | 4.620 | 528.0 | 25.0 | | |
| 08 | 03 | 76 | 1540 | | .3 | | 0.142 | 0.073 | 0.330 | 0.960 | 0.025 | 6.580 | 365.0 | 22.0 | | 250 |
| 12 | 04 | 76 | 1520 | | .3 | | 0.093 | 0.061 | 0.170 | 0.570 | 0.033 | 0.770 | 277.0 | 20.0 | | |
| 11 | 05 | 76 | 1455 | | .3 | | 0.090 | 0.006 | 0.064 | 0.840 | 0.030 | 4.220 | 322.0 | 15.0 | | |
| 15 | 06 | 76 | 1445 | | .3 | | 0.060 | 0.002 | 0.098 | 1.320 | 0.100 | 3.060 | 328.0 | 16.0 | | |
| 13 | 07 | 76 | 1410 | | .3 | | 0.086 | 0.010 | 0.250 | 1.300 | 0.067 | 1.930 | 225.0 | 33.0 | | |
| 17 | 08 | 76 | 1410 | | .3 | | 0.180 | 0.006 | 0.286 | 2.050 | 0.145 | 1.380 | 286.0 | 58.0 | | |
| 13 | 09 | 76 | 1415 | | .3 | | 0.078 | 0.016 | 0.196 | 0.840 | 0.100 | 0.770 | 311.0 | 31.0 | | |
| 05 | 10 | 76 | 1430 | | .3 | | 0.078 | 0.005 | 0.170 | 0.960 | 0.101 | 1.800 | 353.0 | 25.0 | | |
| 16 | 11 | 76 | 1415 | | .3 | | 0.096 | 0.003 | 0.036 | 0.840 | 0.016 | 3.680 | 431.0 | 40.0 | | |
| 14 | 12 | 76 | 1425 | | .3 | | 0.076 | 0.006 | 0.380 | 0.880 | 0.016 | 3.790 | 460.0 | 27.0 | | |
| | | | | | | | 0.180 | 0.073 | 0.380 | 2.050 | 0.145 | 6.580 | 528.0 | 58.0 | | 250 |
| AVG OR GEOM MN (*) | | | | | | | 0.098 | 0.020 | 0.208 | 1.007 | 0.057 | 3.117 | 360.5 | 27.4 | | 250 |
| MINIMUM | | | | | | | 0.060 | 0.002 | 0.036 | 0.570 | 0.016 | 0.770 | 225.0 | 15.0 | | 250 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 | 1710 | | .3 | | 660 | 5.50 | 15.5 | 53.0 | | 2.0 | 280 | 8.20 | 0.85 | |
| 09 | 02 | 76 | 1650 | | .3 | | 680 | 5.10 | 16.0 | 57.0 | | 5.6 | 274 | 7.80 | 0.90 | |
| 08 | 03 | 76 | 1540 | | .3 | | 490 | 18.0 | 13.5 | 30.0 | | 2.6 | 187 | 7.80 | 0.50 | |
| 12 | 04 | 76 | 1520 | | .3 | | 395 | 22.0 | 10.0 | 22.0 | | 0.0 | 161 | 8.90 | | 1.500 |
| 11 | 05 | 76 | 1455 | | .3 | | 460 | 7.50 | 11.0 | 24.0 | | 0.0 | 183 | 8.49 | | 0.580 |
| 15 | 06 | 76 | 1445 | | .3 | | 460 | 6.40 | 11.5 | 27.5 | | 0.5 | 196 | 8.39 | | 0.400 |
| 13 | 07 | 76 | 1410 | | .3 | | 395 | 21.00 | 14.0 | 32.5 | | 3.4 | 156 | 8.00 | | 0.260 |
| 17 | 08 | 76 | 1410 | | .3 | | 430 | 14.00 | 12.5 | 32.0 | | 0.0 | 169 | 8.31 | | |
| 13 | 09 | 76 | 1415 | | .3 | | 430 | 34.00 | 13.5 | 39.0 | | 0.0 | 160 | 8.36 | | 1.160 |
| 05 | 10 | 76 | 1430 | | .3 | | 520 | 22.00 | 15.0 | 56.0 | | 0.0 | 202 | 8.32 | | 1.180 |
| 16 | 11 | 76 | 1415 | | .3 | | 630 | 30.00 | 17.5 | 48.0 | | 4.4 | 266 | 8.12 | | 1.200 |
| 14 | 12 | 76 | 1425 | | .3 | | 680 | 24.00 | 17.5 | | | 4.0 | 274 | 7.90 | | 1.020 |
| | | | | | | | 680 | 34.00 | 17.5 | 57.0 | | 5.6 | 280 | 8.90 | 0.90 | 1.500 |
| MAXIMUM | | | | | | | 519 | 17.46 | 14.0 | 38.3 | | 1.9 | 209 | 8.22 | 0.75 | 0.913 |
| AVG OR GEOM MN (*) | | | | | | | 395 | 5.10 | 10.0 | 22.0 | | 0.0 | 156 | 7.80 | 0.50 | 0.260 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 11 | | 12 | 12 | 12 | 3 | 8 |
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 12 | 01 | 76 | 1710 | | .3 | | | 350.0 | | | | 10 | | | | |
| 09 | 02 | 76 | 1650 | | .3 | | | 363.0 | | | | | | | | |
| 08 | 03 | 76 | 1540 | | .3 | | | 245.0 | | | | | | | | |
| 12 | 04 | 76 | 1520 | | .3 | | | 205.0 | | | | | | | | |
| 11 | 05 | 76 | 1455 | | .3 | | | 229.0 | | | | | | | | |
| 15 | 06 | 76 | 1445 | | .3 | | | 248.0 | | | | | | | | |
| 13 | 07 | 76 | 1410 | | .3 | | | 201.0 | 49.00 | 19.00 | 30 | | | | | |
| 17 | 08 | 76 | 1410 | | .3 | | | 213.0 | 53.00 | 21.50 | 40 | | | | | |
| 13 | 09 | 76 | 1415 | | .3 | | | 201.0 | 46.00 | 21.00 | 50 | | | | | |
| 05 | 10 | 76 | 1430 | | .3 | | | 266.0 | 67.00 | 24.00 | 40 | | | | | |
| 16 | 11 | 76 | 1415 | | .3 | | | 334.0 | 90.00 | 26.50 | 50 | | | | | |
| 14 | 12 | 76 | 1425 | | .3 | | | 361.0 | 106.00 | 35.50 | 30 | | | | | |
| | | | | | | | | 363.0 | 106.00 | 35.50 | 50 | | | | | |
| MAXIMUM | | | | | | | | 288.0 | 68.50 | 24.58 | 31 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 201.0 | 46.00 | 19.00 | 10 | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 6 | 6 | 10 | | | | | |

B.O.W. / SITE: CANAGAGIGUE CREEK
 SAMPLE POINT: AT COUNTY ROAD 19 FLORADALE
 STATION TYPE: RIVER FLOW GAUGE FED 02GA036

STATION ID: 16-C184-052-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ERIE
 TERM STREAM: GRAND RIVER

STORET CODE: 02
 003
 0150

STN NO 52 LAT LONG U.T.M. 17 0533890.0 4831150.0 4 REGION 02 MILEAGE 131.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | RO TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|--------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1645 | | | .3 | | 32432 | | 0.94 | 1500. | 100. | 100. | | 0.0 | 8.8 | 1.2 |
| 09 | 02 | 76 | 1630 | | | .3 | | 32468 | | 1.20 | 230. | 50. | 120. | | 0.0 | 5.4 | 1.0 |
| 08 | 03 | 76 | 1530 | | | .3 | | 32504 | | 35.00 | 1100. | 500. | 300. | | 1.0 | 9.8 | 1.0 |
| 12 | 04 | 76 | 1510 | | | .3 | | 32517 | | 2.10 | 300. | 1. | 1. | | 5.0 | 8.8 | 0.6 |
| 11 | 05 | 76 | 1440 | | | .3 | | 32566 | | 4.90 | 800. | 112. | 88. | | 13.0 | 13.6 | 1.0 |
| 15 | 06 | 76 | 1430 | | | .3 | | 32602 | | 2.00 | 6000. | | 20. | | 25.0 | 8.2 | 2.4 |
| 13 | 07 | 76 | 1350 | | | .3 | | 32638 | | 0.18 | 1500. | | 10. | | 19.0 | 7.8 | 2.0 |
| 17 | 08 | 76 | 1355 | | | .3 | | 32674 | | 0.08 | 600. | | 1. | | 205. | 9.0 | 1.4 |
| 14 | 09 | 76 | 1400 | | | .3 | | 32710 | | 0.00 | 400. | 20. | 8. | | 19.0 | 9.6 | 1.2 |
| 05 | 10 | 76 | 1400 | | | .3 | | 32746 | | 0.30 | 900. | 122. | 14. | | 16.0 | 7.6 | 1.6 |
| 16 | 11 | 76 | 1400 | | | .3 | | 32782 | | 0.62 | 1500. | 144. | 14. | | 3.0 | 10.0 | 0.2 |
| 14 | 12 | 76 | 1410 | | | .3 | | 32818 | | 1.70 | 3300. | 192. | 16. | | 0.0 | 9.4 | 1.2 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

35.00 6000. 500. 300. 205. 13.6 2.4
 4.09 989.* 64.* D 18.* 25.5 9.0 1.2
 0.00 230. 1. 1. 0.0 5.4 0.2

NO OF SAMPLES

12 12 9 12 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1645 | | | .3 | | 0.075 | 0.049 | 0.190 | 0.450 | 0.027 | 4.000 | 435.0 | 15.0 | | |
| 09 | 02 | 76 | 1630 | | | .3 | | 0.082 | 0.056 | 0.330 | 0.700 | 0.026 | 3.770 | 384.0 | 4.6 | | |
| 08 | 03 | 76 | 1530 | | | .3 | | 0.082 | 0.035 | 0.158 | 0.560 | 0.021 | 6.480 | 355.0 | 19.0 | | |
| 12 | 04 | 76 | 1510 | | | .3 | | 0.060 | 0.014 | 0.068 | 0.560 | 0.024 | 5.400 | 335.0 | 20.0 | | |
| 11 | 05 | 76 | 1440 | | | .3 | | 0.052 | 0.006 | 0.054 | 0.700 | 0.033 | 4.870 | 388.0 | 15.0 | | |
| 15 | 06 | 76 | 1430 | | | .3 | | 0.180 | 0.032 | 0.220 | 1.420 | 0.100 | 4.830 | 354.0 | 27.0 | | |
| 13 | 07 | 76 | 1350 | | | .3 | | 0.096 | 0.018 | 0.180 | 0.840 | 0.130 | 3.190 | 443.0 | 33.0 | | |
| 17 | 08 | 76 | 1355 | | | .3 | | 0.090 | 0.009 | 0.136 | 0.900 | 0.082 | 2.670 | 380.0 | 18.0 | | |
| 14 | 09 | 76 | 1400 | | | .3 | | 0.026 | 0.002 | 0.040 | 0.380 | 0.062 | 3.140 | 370.0 | 14.0 | | |
| 05 | 10 | 76 | 1400 | | | .3 | | 0.070 | 0.005 | 0.072 | 0.840 | 0.044 | 2.750 | 381.0 | 18.0 | | |
| 16 | 11 | 76 | 1400 | | | .3 | | 0.056 | 0.034 | 0.062 | 0.360 | 0.016 | 3.680 | 396.0 | 3.7 | | |
| 14 | 12 | 76 | 1410 | | | .3 | | 0.082 | 0.062 | 0.198 | 0.390 | 0.016 | 3.450 | 422.0 | 6.2 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.180 0.062 0.330 1.420 0.130 6.480 443.0 33.0
 0.079 0.027 0.142 0.675 0.048 4.019 366.9 16.1
 0.026 0.002 0.040 0.360 0.016 2.670 335.0 3.7

NO OF SAMPLES

12 12 12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1645 | | | .3 | | 660 | 4.70 | 15.5 | | | | | | | |
| 09 | 02 | 76 | 1630 | | | .3 | | 620 | 3.50 | 13.5 | | | | | | | |
| 08 | 03 | 76 | 1530 | | | .3 | | 495 | 8.90 | 12.0 | 30.0 | | | | | | |
| 12 | 04 | 76 | 1510 | | | .3 | | 500 | 11.00 | 12.5 | | | | | | | |
| 11 | 05 | 76 | 1440 | | | .3 | | 550 | 15.00 | 12.0 | | | | | | | |
| 15 | 06 | 76 | 1430 | | | .3 | | 457 | 20.00 | 13.0 | | | | | | | |
| 13 | 07 | 76 | 1350 | | | .3 | | 580 | 26.00 | 15.0 | 46.0 | | | | | | |
| 17 | 08 | 76 | 1355 | | | .3 | | 570 | 13.00 | 12.5 | 50.0 | | | | | | |
| 14 | 09 | 76 | 1400 | | | .3 | | 540 | 6.50 | 11.5 | 58.0 | | | | | | |
| 05 | 10 | 76 | 1400 | | | .3 | | 580 | 10.00 | 13.5 | 54.0 | | | | | | |
| 16 | 11 | 76 | 1400 | | | .3 | | 630 | 5.00 | 15.0 | | | | | | | |
| 14 | 12 | 76 | 1410 | | | .3 | | 650 | 3.50 | 14.0 | 56.0 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

660 26.00 15.5 58.0
 569 10.59 13.3 49.0
 457 3.50 11.5 30.0

NO OF SAMPLES

12 12 12 6

B.O.W./ SITE: ERAMOSA RIVER
SAMPLE POINT: AT HIGHWAY NO 7 ROCKWOOD
STATION TYPE: RIVER

STATION ID: 16-0184-094-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

| STN NO | 94 | LAT | LONG | U.T.M. 17 0569350.0 4829400.0 4 | REGION 02 | MILEAGE | 118.70 | | | | | | | | | |
|--------------------|--------|-------|---------|---------------------------------|-----------|----------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 | 01 | 76 | 0945 | | | .3 | 31300 | 4 | | 10. | 10. | L | 10. | 0.0 | 13.6 | 1.2 |
| 11 | 02 | 76 | 1000 | | | .3 | 31339 | 4 | | 10. | L | 10. | L | 0.0 | 13.0 | 0.6 |
| 09 | 03 | 76 | 0935 | | | .3 | 31379 | 4 | | 30. | 10. | L | 10. | 0.0 | 13.8 | 0.4 |
| 08 | 04 | 76 | 0840 | | | .3 | 31419 | 6 | | 10. | 16. | 4. | | 4.5 | 13.4 | 1.0 |
| 10 | 05 | 76 | 1000 | | | .3 | 31459 | 6 | | 50. | 12. | 12. | | 11.0 | 10.8 | 3.4 |
| 03 | 06 | 76 | 1000 | | | .3 | 31499 | 6 | | 500. | 1. | 16. | | 14.0 | 8.7 | 0.8 |
| 29 | 07 | 76 | 0945 | | | .3 | 31539 | 6 | | | | | | 19.0 | 6.6 | 1.8 |
| 17 | 08 | 76 | 1330 | | | .3 | 32325 | 6 | | 400. | 1. | 104. | | 16.5 | 11.1 | 1.0 |
| 04 | 10 | 76 | 0945 | | | .3 | 31692 | | | 14. | 2. | 8. | | | | 0.9 |
| 06 | 10 | 76 | 1000 | | | .3 | 31616 | 6 | | 90. | 20. | 10. | L | 13.0 | 7.2 | 1.8 |
| 08 | 10 | 76 | 0945 | | | .3 | 31729 | 4 | | 10. | 4. | 4. | L | 0.0 | 11.4 | 0.8 |
| 20 | 10 | 76 | 0945 | | | .3 | 31653 | 6 | | 20. | 1. | 10. | L | 3.0 | 10.9 | 1.6 |
| MAXIMUM | | | | | | | | | | 500. | 20. | 104. | | 19.0 | 13.8 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 34.* D | 5.* D | 11.* D | | 7.4 | 11.0 | 1.3 |
| MINIMUM | | | | | | | | | | 10. | 1. | 4. | | 0.0 | 6.6 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 11 | 11 | 11 | | 11 | 11 | 12 |
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 13 | 01 | 76 | 0945 | | | .3 | | | 0.010 | 0.390 | 0.008 | 1.200 | 373.0 | 3.0 | | |
| 11 | 02 | 76 | 1000 | | | .3 | 0.011 | 0.005 | 0.025 | 0.340 | 0.009 | 1.220 | 339.0 | 4.3 | | |
| 09 | 03 | 76 | 0935 | | | .3 | 0.015 | 0.002 | 0.024 | 0.600 | 0.004 | 5.050 | 322.0 | 5.6 | | |
| 08 | 04 | 76 | 0840 | | | .3 | 0.009 | 0.001L | 0.002L | 0.440 | 0.004 | 0.631 | 270.0 | 2.8 | | |
| 10 | 05 | 76 | 1000 | | | .3 | 0.017 | 0.001 | 0.016 | 0.460 | 0.003 | 0.192 | 268.0 | 9.8 | | |
| 03 | 06 | 76 | 1000 | | | .3 | 0.022 | 0.005 | 0.018 | 0.510 | 0.004 | 0.406 | 317.0 | 5.2 | | |
| 29 | 07 | 76 | 0945 | | | .3 | 0.046 | 0.001 | 0.004 | 0.680 | 0.004 | 0.271 | 313.0 | 16.0 | | |
| 17 | 08 | 76 | 1330 | | | .3 | 0.024 | 0.008 | 0.011 | 0.620 | 0.004 | 0.141 | 303.0 | 3.4 | | |
| 04 | 10 | 76 | 0945 | | | .3 | 0.012 | 0.010 | 0.016 | 0.420 | 0.002 | 0.698 | 300. | 3.1 | | |
| 06 | 10 | 76 | 1000 | | | .3 | 0.016 | 0.012 | 0.008 | 0.550 | 0.003 | 0.202 | 327.0 | 3.5 | | |
| 08 | 10 | 76 | 0945 | | | .3 | 0.007 | 0.006 | 0.022 | 0.320 | 0.004 | 1.160 | 339.0 | 3.2 | | |
| 20 | 10 | 76 | 0945 | | | .3 | 0.011 | 0.005 | 0.008 | 0.370 | 0.002 | 0.388 | 302.0 | 3.7 | | |
| MAXIMUM | | | | | | | 0.046 | 0.012 | 0.025 | 0.680 | 0.009 | 5.050 | 373.0 | 16.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.0050 | 0.0140 | 0.475 | 0.004 | 0.963 | 314.4 | 5.3 | | |
| MINIMUM | | | | | | | 0.007 | 0.001 | 0.002 | 0.320 | 0.002 | 0.141 | 268.0 | 2.8 | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | | |
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 13 | 01 | 76 | 0945 | | | .3 | 600 | 1.50 | 32.5 | | | | | | | |
| 11 | 02 | 76 | 1000 | | | .3 | 520 | 1.80 | 10.5 | 34.0 | | 2.2 | 221 | 8.10 | | |
| 09 | 03 | 76 | 0935 | | | .3 | 425 | 2.20 | 12.0 | | | | | | | |
| 08 | 04 | 76 | 0840 | | | .3 | 415 | 1.30 | 1.0 | | | | | | | |
| 10 | 05 | 76 | 1000 | | | .3 | 425 | 1.80 | 9.7 | | | | | | | |
| 03 | 06 | 76 | 1000 | | | .3 | 475 | 2.40 | 10.5 | | | | | | | |
| 29 | 07 | 76 | 0945 | | | .3 | 463 | 4.50 | 9.1 | | | | | | | |
| 17 | 08 | 76 | 1330 | | | .3 | 450 | 1.80 | 10.0 | 18.5 | | | | 8.45 | | |
| 04 | 10 | 76 | 0945 | | | .3 | 510 | 1.4 | 12.5 | 31.5 | | | | 8.21 | | |
| 06 | 10 | 76 | 1000 | | | .3 | 500 | 2.50 | 11.5 | 23.5 | | | | 8.09 | | |
| 08 | 10 | 76 | 0945 | | | .3 | 550 | 2.00 | 12.5 | 37.5 | | 2.8 | 242 | 8.02 | | |
| 20 | 10 | 76 | 0945 | | | .3 | 510 | 2.00 | 12.5 | | | | | | | |
| MAXIMUM | | | | | | | 600 | 4.50 | 32.5 | 37.5 | | 2.8 | 242 | 8.45 | | |
| AVG OR GEOM MN (*) | | | | | | | 487 | 2.10 | 12.0 | 29.0 | | 2.5 | 232 | 8.17 | | |
| MINIMUM | | | | | | | 415 | 1.30 | 1.0 | 18.5 | | 2.2 | 221 | 8.02 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 5 | | 2 | 2 | 5 | | |
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLE MG/L |
| 13 | 01 | 76 | 0945 | | | .3 | | | | | | 20 | | | | |
| 11 | 02 | 76 | 1000 | | | .3 | | 280.0 | | | | | | | | |
| 09 | 03 | 76 | 0935 | | | .3 | | | | | | | | | | |
| 08 | 04 | 76 | 0840 | | | .3 | | | | | | | | | | |
| 10 | 05 | 76 | 1000 | | | .3 | | | | | | | | | | |
| 03 | 06 | 76 | 1000 | | | .3 | | | | | | | | | | |
| 29 | 07 | 76 | 0945 | | | .3 | | | | | | | | | | |
| 17 | 08 | 76 | 1330 | | | .3 | | | | | | | | 16 | 30 | |
| 04 | 10 | 76 | 0945 | | | .3 | | | | | | | | | | |
| 06 | 10 | 76 | 1000 | | | .3 | | | | | | | | | | |
| 08 | 10 | 76 | 0945 | | | .3 | | | | | | | | | 20 | |
| 20 | 10 | 76 | 0945 | | | .3 | | | | | | | | | | |
| MAXIMUM | | | | | | | | 280.0 | | | | 20 | | 16 | 30 | |
| AVG OR GEOM MN (*) | | | | | | | | 280.0 | | | | 20 | | 16 | 25 | |
| MINIMUM | | | | | | | | 280.0 | | | | 20 | | 16 | 20 | |
| NO OF SAMPLES | | | | | | | | 1 | | | | 1 | | 1 | 2 | |

B.O.W./ SITE: PICTON CREEK
 SAMPLE POINT: AT CONSERVATION AREA POUND
 STATION TYPE: RIVER

STATION ID: 17-0008-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: PICTON CREEK

STORET CODE: 02
 004
 1710

| STN NO | 1 | LAT | LONG | U.T.M. 18 0329975.0 4874300.0 4 | REGION 04 | MILEAGE | 0.80 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 01 76 0845 | | | .3 | | 18800 | 4 | | 40. | 10. | L | 30. | 1.0 | 5.0 | 1.0 |
| 24 02 76 0830 | | | .3 | | 18808 | 4 | | | | | | 1.8 | 1.0 | 1.2 |
| 23 03 76 0840 | | | .3 | | 18816 | 4 | | | | | | 6.0 | 6.0 | 0.4 |
| 27 04 76 0820 | | | .3 | | 18824 | 6 | | | | | | 5.0 | 5.0 | 0.6 |
| 25 05 76 0820 | | | .3 | | 18832 | 6 0 | | 30. | 10. | | 50. | 12.0 | 4.0 | 0.6 |
| 29 06 76 0830 | | | .3 | | 18840 | | | | | | | | | 1.4 |
| 27 07 76 0830 | | | .3 | | 18848 | 8 6 | | 280. | 1. | | 28. | 24.0 | 6.0 | 1.6 |
| 30 08 76 0825 | | | .3 | | 18856 | | | 200. | 16. | | 20. | | | 2.0 |
| 26 10 76 0815 | | | .3 | | 18872 | 6 | | 100. | 1. | | 20. | 6.0 | 5.0 | 0.7 |
| 30 11 76 0810 | | | .3 | | 18880 | | | 290. | 6. | | 14. | | | 1.6 |
| MAXIMUM | | | | | | | | 290. | 16. | | 50. | 24.0 | 6.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 112.* | 5.* D | | 25.* | 8.0 | 4.6 | 1.1 |
| MINIMUM | | | | | | | | 30. | 1. | | 14. | 1.0 | 1.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 6 | 6 | | 6 | 7 | 7 | 10 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 29 01 76 0845 | | | .3 | | 0.120 | 0.006 | 0.010L | 0.250 | 0.003 | 0.250 | 269.0 | 3.6 | | |
| 24 02 76 0830 | | | .3 | | | | 0.012 | 0.440 | 0.002 | 0.238 | | | | |
| 23 03 76 0840 | | | .3 | | 0.172 | 0.170 | 0.032 | 0.210 | 0.002 | 0.073 | 234.0 | 3.3 | | 231 |
| 27 04 76 0820 | | | .3 | | 0.020 | 0.001L | 0.002L | 0.280 | 0.002 | 0.008 | 246.0 | 6.9 | | |
| 25 05 76 0820 | | | .3 | | 0.016 | 0.001 | 0.002 | 0.260 | 0.001 | 0.005L | 285.0 | 4.1 | | |
| 29 06 76 0830 | | | .3 | | 0.038 | 0.001 | 0.004 | 0.560 | 0.003 | 0.006 | | | | |
| 27 07 76 0830 | | | .3 | | 0.112 | 0.003 | 0.036 | 0.660 | 0.001 | 0.005L | 322.0 | 97.0 | | |
| 30 08 76 0825 | | | .3 | | 0.037 | 0.001 | 0.004 | 0.470 | 0.001 | 0.005L | 304.0 | 16.0 | | |
| 26 10 76 0815 | | | .3 | | 0.011 | 0.002 | 0.002L | 0.260 | 0.001 | 0.005L | 366.0 | 1.1 | | |
| 30 11 76 0810 | | | .3 | | 0.011 | 0.001 | 0.004 | 0.290 | 0.001 | 0.009 | 335.0 | 6.6 | | |
| MAXIMUM | | | | | 0.172 | 0.170 | 0.036 | 0.660 | 0.003 | 0.250 | 366.0 | 97.0 | | 231 |
| AVG OR GEOM MN (*) | | | | | 0.060 | 0.021D | 0.011D | 0.368 | 0.002 | 0.060D | 295.1 | 17.3 | | 231 |
| MINIMUM | | | | | 0.011 | 0.001 | 0.002 | 0.210 | 0.001 | 0.005 | 234.0 | 1.1 | | 231 |
| NO OF SAMPLES | | | | | 9 | 9 | 10 | 10 | 10 | 10 | 8 | 8 | | 1 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 29 01 76 0845 | | | .3 | | 440 | 1.50 | 6.5 | | | | | | | |
| 24 02 76 0830 | | | .3 | | 390 | | | | | | | | | |
| 23 03 76 0840 | | | .3 | | | | 4.6 | | | | | | | |
| 27 04 76 0820 | | | .3 | | 420 | 1.70 | 5.8 | | | | | | | |
| 25 05 76 0820 | | | .3 | | 460 | 1.50 | 4.4 | | | | | | | |
| 29 06 76 0830 | | | .3 | | 520 | 5.80 | 4.4 | | | | | | | |
| 27 07 76 0830 | | | .3 | | 520 | 35.00 | 6.5 | | | | | | | |
| 30 08 76 0825 | | | .3 | | 470 | 8.70 | 7.2 | | | | | | | |
| 26 10 76 0815 | | | .3 | | 580 | 1.20 | 8.2 | | | | | | | |
| 30 11 76 0810 | | | .3 | | 570 | 1.40 | 8.0 | | | | | | | |
| MAXIMUM | | | | | 580 | 35.00 | 8.2 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 486 | 7.10 | 6.2 | | | | | | | |
| MINIMUM | | | | | 390 | 1.20 | 4.4 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 8 | 9 | | | | | | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 29 01 76 0845 | | | .3 | | | | | | | | | | | |
| 24 02 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| 23 03 76 0840 | | | .3 | | 1.0L | | | | | | | | | |
| 27 04 76 0820 | | | .3 | | 1.0L | | | | | | | | | |
| 25 05 76 0820 | | | .3 | | | | | | | | | | | |
| 29 06 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| 27 07 76 0830 | | | .3 | | | | | | | | | | | |
| 30 08 76 0825 | | | .3 | | | | | | | | | | | |
| 26 10 76 0815 | | | .3 | | | | | | | | | | | |
| 30 11 76 0810 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 1.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.0D | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 4 | | | | | | | | | |

B.O.W./ SITE: DEMORESTVILLE CREEK
SAMPLE POINT: AT COUNTY ROAD 14
STATION TYPE: RIVER FLOW GAUGE FED 02HE003

STATION ID: 17-0014-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: DEMORESTVILLE CREEK

STORET CODE: 02
004
1460

| STN NO | | 1 | LAT | | LONG | | U.T.M. 18 0323000.0 4884100.0 4 | | | | REGION 04 | | MILEAGE | 3.00 | | |
|---------|--------|----|----------|---------|------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 29 | 01 | 76 | 1235 | | .3 | | 18807 | 4 | 6.50 | 80. | 20. | 70. | | 1.0 | 4.0 | 1.4 |
| 24 | 02 | 76 | 1230 | | .3 | | 18815 | 3 | 30.30 | | | | | 3.0 | 2.0 | 1.2 |
| 23 | 03 | 76 | 1230 | | .3 | | 18823 | 6 | 36.80 | | | | | 4.0 | 8.0 | 0.6 |
| 27 | 04 | 76 | 1215 | | .3 | | 18831 | 6 | 19.40 | | | | | 8.0 | 4.0 | 1.2 |
| 25 | 05 | 76 | 1210 | | .3 | | 18839 | 8 6 | 7.10 | 30. | 16. | 4. | | 16.0 | 10.0 | 0.8 |
| 29 | 06 | 76 | 1215 | | .3 | | 18847 | | 3.60 | 210. | 10. | 268. | | | | 1.0 |
| 27 | 07 | 76 | 1200 | | .3 | | 18855 | 8 6 | 0.62 | 400. | 1. | 68. | | 24.0 | 5.0 | 1.1 |
| 30 | 08 | 76 | 1155 | | .3 | | 18863 | | 0.59 | 450. | 220. | 16. | | | | 3.2 |
| 26 | 10 | 76 | 1150 | | .3 | | 18879 | 6 | 3.40 | 160. | 10. | 44. | | 7.0 | 12.0 | 1.8 |
| 30 | 11 | 76 | 1200 | | .3 | | 18887 | | 2.00 | 400. | 4. | 22. | | | | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

36.80
11.03
0.59

450.
179.*
30.

220.
12.*
1.

268.
36.*
4.

24.0
9.0
1.0

12.0
6.4
2.0

3.2
1.4
0.6

NO OF SAMPLES

10

7

7

7

7

7

10

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 29 01 76 1235 | | | .3 | | 0.032 | 0.010 | 0.220 | 0.950 | 0.015 | 0.010L | 243.0 | 1.2 | | 241 |
| 24 02 76 1230 | | | .3 | | 0.036 | 0.010 | 0.066 | 0.610 | 0.035 | 0.275 | 205.0 | 3.5 | | 202 |
| 23 03 76 1230 | | | .3 | | 0.057 | 0.042 | 0.002L | 0.370 | 0.008 | 0.107 | 161.0 | 2.4 | | 159 |
| 27 04 76 1215 | | | .3 | | 0.570 | 0.530 | 0.002L | 0.340 | 0.003 | 0.005L | | 1.0L | | 169 |
| 25 05 76 1210 | | | .3 | | | 0.030 | 0.012 | | 0.003 | 0.005L | | | | 176 |
| 29 06 76 1215 | | | .3 | | 0.134 | 0.026 | | 2.440 | 0.004 | 0.005L | 195.0 | 10.0 | | |
| 27 07 76 1200 | | | .3 | | 0.050 | 0.016 | 0.010 | 1.320 | 0.003 | 0.005L | 235.0 | 30.0 | | |
| 30 08 76 1155 | | | .3 | | 0.160 | 0.008 | 0.004 | 2.120 | 0.002 | 0.005L | 230.0 | 48.0 | | |
| 26 10 76 1150 | | | .3 | | 0.082 | 0.010 | 0.004 | 1.000 | 0.003 | 0.005L | 275.0 | 28.0 | | |
| 30 11 76 1200 | | | .3 | | 0.034 | 0.014 | | 0.800 | 0.003 | 0.022 | 253.0 | 2.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.570
0.128
0.032

0.530
0.070
0.008

0.220
0.0400
0.002

2.440
1.106
0.340

0.035
0.008
0.002

0.275
0.0440
0.005

275.0
224.6
161.0

48.0
14.10
1.0

241
189
159

NO OF SAMPLES

9

10

8

9

10

10

8

9

5

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 29 01 76 1235 | | | .3 | | 370 | 1.20 | 5.3 | | | | | | | |
| 24 02 76 1230 | | | .3 | | 310 | 1.60 | 4.7 | | | | | | | |
| 23 03 76 1230 | | | .3 | | 240 | 1.40 | 3.3 | | | | | | | |
| 27 04 76 1215 | | | .3 | | 260 | 1.30 | 2.8 | | | | | | | |
| 25 05 76 1210 | | | .3 | | 270 | 1.00 | 2.6 | | | | | | | |
| 29 06 76 1215 | | | .3 | | 285 | 2.10 | 2.9 | | | | | | | |
| 27 07 76 1200 | | | .3 | | 315 | 1.40 | 2.5 | | | | | | | |
| 30 08 76 1155 | | | .3 | | 280 | 5.60 | 5.5 | | | | | | | |
| 26 10 76 1150 | | | .3 | | 380 | 22.00 | 4.9 | | | | | | | |
| 30 11 76 1200 | | | .3 | | 385 | 1.00 | 5.2 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

385
310
240

22.00
3.86
1.00

5.5
4.0
2.5

NO OF SAMPLES

10

10

10

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|---------------------------|
| 29 01 76 1235 | | | .3 | | | | | | | | | | | |
| 24 02 76 1230 | | | .3 | | 1.0L | | | | | | | | | |
| 23 03 76 1230 | | | .3 | | 1.0L | | | | | | | | | |
| 27 04 76 1215 | | | .3 | | 1.0L | | | | | | | | | |
| 25 05 76 1210 | | | .3 | | | | | | | | | | | |
| 29 06 76 1215 | | | .3 | | | | | | | | | | | |
| 27 07 76 1200 | | | .3 | | | | | | | | | | | |
| 30 08 76 1155 | | | .3 | | | | | | | | | | | |
| 26 10 76 1150 | | | .3 | | | | | | | | | | | |
| 30 11 76 1200 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1.0
1.00
1.0

NO OF SAMPLES

3

B.O.W. / SITE: SAWGUIN CREEK
 SAMPLE POINT: AT COUNTY ROAD 28
 STATION TYPE: RIVER

STATION ID: 17-0016-001-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: SAWGUIN CREEK

STORET CODE: 02
 004
 1400

STN NO 1 LAT LONG U.T.M. 18 0308250.0 4885900.0 4 REGION 04 MILEAGE 5.50

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 01 | 76 | 1200 | | | .3 | | 18806 | 4 | | 10. | L | 10. | L | 10. | L | |
| 24 | 02 | 76 | 1210 | | | .3 | | 18814 | 6 | | | | | | 1.0 | 5.0 | 4.4 |
| 23 | 03 | 76 | 1210 | | | .3 | | 18822 | 6 | | | | | | 3.0 | 1.0 | 0.6 |
| 27 | 04 | 76 | 1150 | | | .3 | | 18830 | 6 | | | | | | 4.0 | 6.0 | 0.6 |
| 25 | 05 | 76 | 1130 | | | .3 | | 18838 | 8 6 | | 10. | | 4. | | 8.0 | 6.0 | 1.0 |
| 29 | 06 | 76 | 1135 | | | .3 | | 18846 | | | 30. | 10. | L | 84. | 15.0 | 4.0 | 1.2 |
| 27 | 07 | 76 | 1135 | | | .3 | | 18854 | 8 6 | | 400. | 1. | 36. | | 24.0 | 5.0 | 1.0 |
| 30 | 08 | 76 | 1130 | | | .3 | | 18862 | | | 300. | 4. | 40. | | | | 0.8 |
| 26 | 10 | 76 | 1050 | | | .3 | | 18878 | 6 | | 400. | 4. | 22. | | 5.0 | 6.0 | 1.2 |
| 30 | 11 | 76 | 1115 | | | .3 | | 18886 | | | 830. | 54. | 8. | | | | 1.7 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1200 | | | .3 | | 0.061 | 0.034 | 0.600 | 1.200 | 0.020 | 1.800 | 80.0 | 8.8 | | 72 |
| 24 | 02 | 76 | 1210 | | | .3 | | 1.750 | 1.500 | 0.108 | 0.730 | 0.023 | 1.500 | 205.0 | 3.0 | | 202 |
| 23 | 03 | 76 | 1210 | | | .3 | | 0.052 | 0.021 | 0.034 | 0.480 | 0.018 | 1.130 | 175.0 | 5.6 | | 169 |
| 27 | 04 | 76 | 1150 | | | .3 | | 0.050 | 0.013 | 0.002L | 0.690 | 0.009 | 0.326 | | 1.5 | | 231 |
| 25 | 05 | 76 | 1130 | | | .3 | | 0.066 | 0.020 | 0.032 | 0.890 | 0.008 | 0.027 | 244.0 | 3.3 | | |
| 29 | 06 | 76 | 1135 | | | .3 | | 0.238 | 0.046 | 0.009 | 2.120 | 0.004 | 0.005L | 242.0 | 15.0 | | |
| 27 | 07 | 76 | 1135 | | | .3 | | 0.036 | 0.010 | 0.010 | 0.900 | 0.002 | 0.005L | 241.0 | 3.5 | | |
| 30 | 08 | 76 | 1130 | | | .3 | | 0.076 | 0.012 | 0.010 | 0.900 | 0.002 | 0.005L | 274.0 | 20.0 | | |
| 26 | 10 | 76 | 1050 | | | .3 | | 0.025 | 0.003 | 0.004 | 0.890 | 0.004 | 0.005L | 337.0 | 2.3 | | |
| 30 | 11 | 76 | 1115 | | | .3 | | 0.070 | 0.022 | 0.332 | 1.300 | 0.007 | 0.123 | 399.0 | 28.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1200 | | | .3 | | 112 | 3.80 | 3.6 | | | | | | | |
| 24 | 02 | 76 | 1210 | | | .3 | | 310 | 3.40 | 5.9 | | | | | | | |
| 23 | 03 | 76 | 1210 | | | .3 | | 250 | 12.00 | 4.3 | | | | | | | |
| 27 | 04 | 76 | 1150 | | | .3 | | 355 | 1.10 | 6.3 | | | | | | | |
| 25 | 05 | 76 | 1130 | | | .3 | | 370 | 0.95 | 5.8 | | | | | | | |
| 29 | 06 | 76 | 1135 | | | .3 | | 365 | 3.00 | 5.7 | | | | | | | |
| 27 | 07 | 76 | 1135 | | | .3 | | 363 | 1.20 | 3.7 | | | | | | | |
| 30 | 08 | 76 | 1130 | | | .3 | | 390 | 1.60 | 7.9 | | | | | | | |
| 26 | 10 | 76 | 1050 | | | .3 | | 500 | 3.00 | 26.0 | | | | | | | |
| 30 | 11 | 76 | 1115 | | | .3 | | 580 | 3.20 | 20.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 29 | 01 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 02 | 76 | 1210 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 03 | 76 | 1210 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 04 | 76 | 1150 | | | .3 | | 1.0L | | | | | | | | | |
| 25 | 05 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 27 | 07 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 30 | 08 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 26 | 10 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 30 | 11 | 76 | 1115 | | | .3 | | | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DAM, TOWN OF CAMPBELLFORD
STATION TYPE: RIVER FLOW GAUGE FED 02HK002

STATION ID: 17-0021-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | | 2 | LAT | | LONG | | U.T.M. 18 0276550.0 4909075.0 4 | | | | REGION 03 | | MILEAGE | | 31.60 | | |
|---------|----|--------|---------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1045 | | | .3 | | 27046 | 4 | 4070.00 | 60. | 1. | 1. | | 0.5 | 11.4 | 1.0 |
| 17 | 03 | 76 | 1000 | | | .3 | | 27112 | 6 | 5450.00 | | | | | 1.4 | 11.2 | 0.8 |
| 28 | 04 | 76 | 1000 | | | .3 | | 27198 | 6 | 5260.00 | 44. | 1. | 4. | | 10.0 | 9.7 | 2.2 |
| 09 | 06 | 76 | 1250 | | | .3 | | 27287 | 6 | 1470.00 | 36. | | 8. | | | | 1.0 |
| 29 | 07 | 76 | 0930 | | | .3 | | 27378 | 6 | 814.00 | | | | | 22.4 | 9.0 | 2.2 |
| 26 | 08 | 76 | 0922 | | | .3 | | 27437 | 6 | 901.00 | 70. | 1. | 16. | | 23.2 | 10.0 | 2.4 |
| 29 | 09 | 76 | 1330 | | | .3 | | 27501 | 6 | 1890.00 | 24. | 1. | 8. | | 14.5 | 11.8 | 2.8 |
| 27 | 10 | 76 | 1300 | | | .3 | | 27565 | 6 | 2010.00 | 4. | 1. | 4. | | 5.0 | 12.8 | 2.6 |
| 24 | 11 | 76 | 0955 | | | .3 | | 27624 | 6 | 1760.00 | 44. | 1. | 1. | | 1.0 | 9.7 | 1.0 |

| | | | | | | | |
|--------------------|---------|------|-----|-----|------|------|-----|
| MAXIMUM | 5450.00 | 70. | 1. | 16. | 23.2 | 12.8 | 2.8 |
| AVG OR GEOM MN (*) | 2625.00 | 31.* | 1.* | 4.* | 9.8 | 10.7 | 1.8 |
| MINIMUM | 814.00 | 4. | 1. | 1. | 0.5 | 9.0 | 0.8 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 | 01 | 76 | 1045 | | .3 | | 0.018 | 0.002 | 0.040 | 0.500 | 0.004 | 0.090 | | | | |
| 17 | 03 | 76 | 1000 | | .3 | | 0.016 | 0.001 | 0.050 | 0.470 | 0.005 | 0.235 | 176.0 | 2.6 | | 156 |
| 28 | 04 | 76 | 1000 | | .3 | | 0.029 | 0.001L | 0.006 | 0.560 | 0.004 | 0.086 | | 6.9 | | |
| 09 | 06 | 76 | 1250 | | .3 | | 0.019 | 0.004 | 0.010 | 0.370 | 0.002 | 0.008 | 136.0 | 4.0 | | |
| 29 | 07 | 76 | 0930 | | .3 | | 0.040 | 0.001 | 0.010 | 0.750 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 0922 | | .3 | | 0.056 | 0.002 | 0.020 | 0.860 | 0.002 | 0.013 | | | | |
| 29 | 09 | 76 | 1330 | | .3 | | 0.053 | 0.006 | 0.002 | 1.020 | 0.001 | 0.014 | | | | |
| 27 | 10 | 76 | 1300 | | .3 | | 0.036 | 0.002 | 0.008 | 0.700 | 0.003 | 0.012 | | | | |
| 24 | 11 | 76 | 0955 | | .3 | | 0.021 | 0.001 | 0.024 | 0.460 | 0.002 | 0.018 | | | | |

| | | | | | | | | | |
|--------------------|-------|--------|-------|-------|-------|--------|-------|-----|-----|
| MAXIMUM | 0.056 | 0.006 | 0.050 | 1.020 | 0.005 | 0.235 | 176.0 | 6.9 | 156 |
| AVG OR GEOM MN (*) | 0.032 | 0.002D | 0.019 | 0.632 | 0.003 | 0.053D | 156.0 | 4.5 | 156 |
| MINIMUM | 0.016 | 0.001 | 0.002 | 0.370 | 0.001 | 0.005 | 136.0 | 2.6 | 156 |

| | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 | 2 | 3 | 1 |
|---------------|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|---------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 | 01 | 76 | 1045 | | .3 | | 250 | 1.60 | 6.6 | | | | | | | |
| 17 | 03 | 76 | 1000 | | .3 | | 250 | 1.20 | 7.4 | | | | | | | |
| 28 | 04 | 76 | 1000 | | .3 | | 200 | 2.10 | 4.3 | | | | | | | |
| 09 | 06 | 76 | 1250 | | .3 | | 210 | 1.50 | 4.8 | | | | | | | |
| 29 | 07 | 76 | 0930 | | .3 | | 210 | 4.4 | 5.1 | | | | | | | |
| 26 | 08 | 76 | 0922 | | .3 | | 210 | 5.50 | 5.6 | | | | | | | |
| 29 | 09 | 76 | 1330 | | .3 | | 220 | 5.60 | 5.3 | | | | | | | |
| 27 | 10 | 76 | 1300 | | .3 | | 225 | 3.60 | 5.5 | | | | | | | |
| 24 | 11 | 76 | 0955 | | .3 | | 225 | 2.00 | 5.6 | | | | | | | |

| | | | | | | | | | |
|--------------------|-----|------|-----|--|--|--|--|--|--|
| MAXIMUM | 250 | 5.60 | 7.4 | | | | | | |
| AVG OR GEOM MN (*) | 222 | 3.06 | 5.6 | | | | | | |
| MINIMUM | 200 | 1.20 | 4.3 | | | | | | |

| | | | | | | | | | |
|---------------|---|---|---|--|--|--|--|--|--|
| NO OF SAMPLES | 9 | 9 | 9 | | | | | | |
|---------------|---|---|---|--|--|--|--|--|--|

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER FLOW GAUGE FED 02HK003

STATION ID: 17-0021-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 3 | LAT | LONG | U.T.M. 18 0286450.0 4928650.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 47.10 | |
|---------|--------|---------|------|---------------------------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 10 | 03 | 76 | 0945 | | | .3 | | 18004 | 6 | 1100.00 | 10. | 10. L | 10. | | 0.0 | 14.0 | |
| 21 | 04 | 76 | 0955 | | | .3 | | 18010 | 6 | 3080.00 | 10. | 1. | 1. | | 10.0 | 10.0 | 0.4 |
| 14 | 06 | 76 | 1140 | | | .3 | | 18015 | 6 | 158.00 | 1000. | 1. | 4. | | 21.0 | 8.0 | 0.2 |
| 17 | 08 | 76 | 0930 | | | .3 | | 33209 | 8 6 | 127.00 | 150. | 0. | 4. | | 16.0 | 9.0 | 0.8 |
| 05 | 10 | 76 | 1145 | | | .3 | | 33226 | 8 6 | 299.00 | 100. | 10. L | 10. L | | | | 1.5 |
| 01 | 11 | 76 | 1050 | | | .3 | | 33248 | 6 | 277.00 | 28. | | 4. | | 0.0 | 7.0 | 1.0 |
| 07 | 12 | 76 | 1140 | | | .3 | | 33263 | 6 | | 24. | 4. | 2. L | | 0.0 | 13.0 | 0.6 |

| | | | | | | | |
|--------------------|---------|-------|-------|-------|------|------|-----|
| MAXIMUM | 3080.00 | 1000. | 10. | 10. | 21.0 | 14.0 | 1.5 |
| AVG OR GEOM MN (*) | 840.17 | 52.* | 3.* D | 4.* D | 7.8 | 10.2 | 0.8 |
| MINIMUM | 127.00 | 10. | 0. | 1. | 0.0 | 7.0 | 0.2 |

| | | | | | | | |
|---------------|---|---|---|---|---|---|---|
| NO OF SAMPLES | 6 | 7 | 6 | 7 | 6 | 6 | 6 |
|---------------|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 03 | 76 | 0945 | | | .3 | | | | | | | | | | | |
| 21 | 04 | 76 | 0955 | | | .3 | | 0.013 | 0.001 | 0.004 | 0.310 | 0.004 | 0.081 | | 1.4 | | |
| 14 | 06 | 76 | 1140 | | | .3 | | 0.035 | 0.008 | 0.048 | 0.450 | 0.003 | 0.007 | 114.0 | 3.1 | | 111 |
| 17 | 08 | 76 | 0930 | | | .3 | | 0.016 | 0.004 | 0.010 | 0.310 | 0.002L | 0.020L | | | | |
| 05 | 10 | 76 | 1145 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.340 | 0.002 | 0.020L | | | | |
| 01 | 11 | 76 | 1050 | | | .3 | | 0.100 | 0.002L | 0.020 | 0.550 | 0.004 | 0.020L | | | | |
| 07 | 12 | 76 | 1140 | | | .3 | | 0.012 | 0.002 | 0.010L | 0.460 | 0.002 | 0.020L | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|--------|--------|-------|--------|--------|-------|-----|-----|
| | | | | | | | | MAXIMUM | 0.100 | 0.008 | 0.048 | 0.550 | 0.004 | 0.081 | 114.0 | 3.1 | 111 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.031 | 0.003D | 0.017D | 0.403 | 0.003D | 0.028D | 114.0 | 2.3 | 111 |
| | | | | | | | | MINIMUM | 0.010 | 0.001 | 0.004 | 0.310 | 0.002 | 0.007 | 114.0 | 1.4 | 111 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | 6 | 6 | 6 | 1 | 2 | 1 |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 0945 | | | .3 | | | | | 17.5 | 2.15 | | | | | |
| 21 | 04 | 76 | 0955 | | | .3 | | 140 | 1.00 | 2.5 | 13.0 | 1.70 | 2.2 | 51 | 7.70 | 0.10 | |
| 14 | 06 | 76 | 1140 | | | .3 | | 168 | 1.30 | 2.8 | 12.0 | 1.05 | | | 7.96 | | 0.120 |
| 17 | 08 | 76 | 0930 | | | .3 | | 155 | 1.50 | 7.0 | | | | | | | |
| 05 | 10 | 76 | 1145 | | | .3 | | 150 | 1.30 | 4.0 | | | | | | | |
| 01 | 11 | 76 | 1050 | | | .3 | | 160 | 0.90 | 8.0 | | | | | | | |
| 07 | 12 | 76 | 1140 | | | .3 | | 175 | 1.00 | 8.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|------|-----|------|------|-----|----|------|------|-------|
| | | | | | | | | MAXIMUM | 175 | 1.50 | 8.0 | 17.5 | 2.15 | 2.2 | 51 | 7.96 | 0.10 | 0.120 |
| | | | | | | | | AVG OR GEOM MN (*) | 158 | 1.17 | 5.4 | 14.2 | 1.63 | 2.2 | 51 | 7.83 | 0.10 | 0.120 |
| | | | | | | | | MINIMUM | 140 | 0.90 | 2.5 | 12.0 | 1.05 | 2.2 | 51 | 7.70 | 0.10 | 0.120 |

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | 3 | 3 | 1 | 1 | 2 | 1 | 1 |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 10 | 03 | 76 | 0945 | | | .3 | | 1.0L | | 30.00 | 3.85 | | 1.20 | 2.20 | | 22 | |
| 21 | 04 | 76 | 0955 | | | .3 | | 1.0L | 65.0 | 22.00 | 2.45 | 20 | 1.20 | 1.70 | | 14 | |
| 14 | 06 | 76 | 1140 | | | .3 | | 1.0L | | | | | | | 11 | 20 | |
| 17 | 08 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 01 | 11 | 76 | 1050 | | | .3 | | | | | | | | | | | |
| 07 | 12 | 76 | 1140 | | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|------|------|-------|------|----|------|------|----|----|
| | | | | | | | | MAXIMUM | 1.0 | 65.0 | 30.00 | 3.85 | 20 | 1.20 | 2.20 | 11 | 22 |
| | | | | | | | | AVG OR GEOM MN (*) | 1.0D | 65.0 | 26.00 | 3.15 | 20 | 1.20 | 1.95 | 11 | 19 |
| | | | | | | | | MINIMUM | 1.0 | 65.0 | 22.00 | 2.45 | 20 | 1.20 | 1.70 | 11 | 14 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|
| | | | | | | | | NO OF SAMPLES | 3 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 3 |
|--|--|--|--|--|--|--|--|---------------|---|---|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 10 | 03 | 76 | 0945 | | | .3 | | | | 0.050L | | 0.010L | | | 0.020L | 0.024 | 0.020L |
| 21 | 04 | 76 | 0955 | | | .3 | | | | 0.050L | | 0.010 | | | 0.010L | 0.028 | 0.120 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--------|--|--------|--|--|--------|-------|--------|
| | | | | | | | | MAXIMUM | | 0.050 | | 0.010 | | | 0.020 | 0.028 | 0.120 |
| | | | | | | | | AVG OR GEOM MN (*) | | 0.050D | | 0.010D | | | 0.015D | 0.026 | 0.077D |
| | | | | | | | | MINIMUM | | 0.050 | | 0.010 | | | 0.010 | 0.024 | 0.020 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|--|---|--|---|--|--|---|---|---|
| | | | | | | | | NO OF SAMPLES | | 2 | | 2 | | | 2 | 2 | 2 |
|--|--|--|--|--|--|--|--|---------------|--|---|--|---|--|--|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 10 | 03 | 76 | 0945 | | | .3 | | 0.1L | | | | | | | | | 18004 |
| 21 | 04 | 76 | 0955 | | | .3 | | 0.1 | | | | | | | | | 18010 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|------|--|--|--|--|--|--|--|--|
| | | | | | | | | MAXIMUM | 0.1 | | | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.1D | | | | | | | | |
| | | | | | | | | MINIMUM | 0.1 | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|---|--|--|--|--|--|--|--|--|
| | | | | | | | | NO OF SAMPLES | 2 | | | | | | | | |
|--|--|--|--|--|--|--|--|---------------|---|--|--|--|--|--|--|--|--|

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT HIGH-LO COTTAGES DOCK
STATION TYPE: RIVER

STATION ID: 17-0021-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | | 4 | LAT | | LONG | | U.T.M. 18 0264400.0 4910450.0 4 | | | | REGION 03 | | MILEAGE | 50.20 | |
|---------------|----|-----|------|------|------|-------|---------------------------------|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 21 | 01 | 76 | 1230 | | | .3 | 27050 | 6 | 10. L | 1. | 1. | | 0.8 | 11.3 | 2.0 |
| 17 | 03 | 76 | 1200 | | | .3 | 27116 | 6 | | | | | 1.0 | 11.2 | 1.0 |
| 28 | 04 | 76 | 1215 | | | .3 | 27202 | 6 | 210. | 1. | | | 10.2 | 9.4 | 2.2 |
| 09 | 06 | 76 | 1435 | | | .3 | 27291 | 6 | 110. | | 1. | | | | 1.6 |
| 29 | 07 | 76 | 1125 | | | .3 | 27382 | 6 | | | | | 22.0 | 12.0 | 2.0 |
| 26 | 08 | 76 | 1115 | | | .3 | 27441 | 6 | | | | | 24.5 | 15.0 | 6.5 |
| 29 | 09 | 76 | 1500 | | | .3 | 27505 | 6 | 100. | 10. | 10. | | 15.0 | 14.5 | 4.8 |
| 27 | 10 | 76 | 1450 | | | .3 | 27569 | 6 | 10. | 1. | 1. | | 5.0 | 13.7 | 3.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 21 01 76 1230 | | | .3 | | 0.019 | 0.001 | 0.050 | 0.500 | 0.003 | 0.081 | | | | |
| 17 03 76 1200 | | | .3 | | 0.019 | 0.001 | 0.060 | 0.450 | 0.005 | 0.255 | | | | |
| 28 04 76 1215 | | | .3 | | 0.037 | 0.003 | 0.002L | 0.520 | 0.004 | 0.066 | | | | |
| 09 06 76 1435 | | | .3 | | | | | | | | | | | |
| 29 07 76 1125 | | | .3 | | 0.042 | 0.002 | 0.004 | 0.900 | 0.001L | 0.005L | | | | |
| 26 08 76 1115 | | | .3 | | 0.080 | 0.002 | 0.010 | 1.600 | 0.001 | 0.005L | | | | |
| 29 09 76 1500 | | | .3 | | 0.052 | 0.004 | 0.002L | 0.120 | 0.001 | 0.005L | | | | |
| 27 10 76 1450 | | | .3 | | 0.038 | 0.002 | 0.002 | 0.760 | 0.001 | 0.005L | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 21 01 76 1230 | | | .3 | | 240 | 1.10 | 6.7 | | | | | | | |
| 17 03 76 1200 | | | .3 | | 250 | 0.95 | 7.4 | | | | | | | |
| 28 04 76 1215 | | | .3 | | 215 | 2.30 | 5.3 | | | | | | | |
| 09 06 76 1435 | | | .3 | | 220 | 2.70 | 6.6 | | | | | | | |
| 29 07 76 1125 | | | .3 | | 215 | 6.4 | 5.5 | | | | | | | |
| 26 08 76 1115 | | | .3 | | 202 | 20.00 | 5.7 | | | | | | | |
| 29 09 76 1500 | | | .3 | | 220 | 18.00 | 5.7 | | | | | | | |
| 27 10 76 1450 | | | .3 | | 225 | 4.20 | 5.7 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

STATION ID: 17-0021-005-02

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DENTS COTTAGES DOCK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | | 5 | LAT | | LONG | | U.T.M. 18 0264350.0 4910200.0 4 | | | | REGION 03 | | MILEAGE | | 50.30 | |
|---------|--------|---------|---------------|---------|-----------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 21 | 01 | 76 | 1210 | | .3 | | 27049 | 6 | | 20. | 4. | 1. | | 1.0 | 11.6 | 1.8 |
| 17 | 03 | 76 | 1138 | | .3 | | 27115 | 6 | | | | | | 1.5 | 10.1 | 0.8 |
| 28 | 04 | 76 | 1200 | | .3 | | 27201 | 6 | | 30. | 4. | 1. | | 10.2 | 9.6 | 3.0 |
| 09 | 06 | 76 | 1420 | | .3 | | 27290 | 6 | | 220. | | 8. | | | | 1.0 |
| 29 | 07 | 76 | 1110 | | .3 | | 27381 | 6 | | | | | | 21.9 | 11.8 | 2.6 |
| 26 | 08 | 76 | 1100 | | .3 | | 27440 | 6 | | | | | | 25.0 | 14.2 | 8.0 |
| 29 | 09 | 76 | 1445 | | .3 | | 27504 | 6 | | 80. | 10. L | 10. L | | 14.2 | 14.4 | 4.0 |
| 27 | 10 | 76 | 1428 | | .3 | | 27568 | 6 | | 10. | 1. | 4. | | 4.5 | 12.9 | 3.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1210 | | | .3 | | 0.016 | 0.001 | 0.050 | 0.510 | 0.003 | 0.076 | | | | |
| 17 | 03 | 76 | 1138 | | | .3 | | 0.018 | 0.001 | 0.064 | 0.440 | 0.005 | 0.240 | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 0.029 | 0.002 | 0.004 | 0.620 | 0.004 | 0.066 | | | | |
| 09 | 06 | 76 | 1420 | | | .3 | | 0.018 | 0.001 | 0.010 | 0.460 | 0.001 | 0.005L | | | | |
| 29 | 07 | 76 | 1110 | | | .3 | | 0.052 | 0.002 | 0.014 | 1.140 | 0.001 | 0.009 | | | | |
| 26 | 08 | 76 | 1100 | | | .3 | | 0.074 | 0.002 | 0.008 | 1.640 | 0.001 | 0.005L | | | | |
| 29 | 09 | 76 | 1445 | | | .3 | | 0.078 | 0.006 | 0.002L | 0.830 | 0.001 | 0.005L | | | | |
| 27 | 10 | 76 | 1428 | | | .3 | | 0.044 | 0.002 | 0.002L | 0.780 | 0.001 | 0.005L | | | | |

| | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|
| MAXIMUM | | | | | | | | 0.078 | 0.006 | 0.064 | 1.640 | 0.005 | 0.240 |
| AVG OR GEOM MN (*) | | | | | | | | 0.041 | 0.002 | 0.019D | 0.803 | 0.002 | 0.051D |
| MINIMUM | | | | | | | | 0.016 | 0.001 | 0.002 | 0.440 | 0.001 | 0.005 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1210 | | | .3 | | 255 | 1.40 | 6.5 | | | | | | | |
| 17 | 03 | 76 | 1138 | | | .3 | | 250 | 1.30 | 7.4 | | | | | | | |
| 28 | 04 | 76 | 1200 | | | .3 | | 215 | 2.30 | 5.2 | | | | | | | |
| 09 | 06 | 76 | 1420 | | | .3 | | 214 | 1.90 | 5.2 | | | | | | | |
| 29 | 07 | 76 | 1110 | | | .3 | | 216 | 6.2 | 5.5 | | | | | | | |
| 26 | 08 | 76 | 1100 | | | .3 | | 204 | 20.00 | 5.7 | | | | | | | |
| 29 | 09 | 76 | 1445 | | | .3 | | 225 | 8.00 | 5.5 | | | | | | | |
| 27 | 10 | 76 | 1428 | | | .3 | | 225 | 4.60 | 5.6 | | | | | | | |

| | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|-----|
| MAXIMUM | | | | | | | | 255 | 20.00 | 7.4 |
| AVG OR GEOM MN (*) | | | | | | | | 226 | 5.71 | 5.8 |
| MINIMUM | | | | | | | | 204 | 1.30 | 5.2 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 |

B.O.W. / SITE: INDIAN RIVER
SAMPLE POINT: FIRST ROAD SOUTH OF KEENE
STATION TYPE: RIVER

STATION ID: 17-0021-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 6 LAT LONG U.T.M. 17 0726850.0 4902425.0 4 REGION 03 MILEAGE 63.90

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 1245 | | | .3 | | 30806 | 4 | | 200. | 8. | 1. | | 2.0 | | 2.2 |
| 17 | 02 | 76 | 1325 | | | .3 | | 30818 | 4 | | 100. | 30. | 80. | | 2.0 | | 2.6 |
| 16 | 03 | 76 | 1310 | | | .3 | | 30830 | 4 | | | | | | 2.0 | | 1.0 |
| 21 | 04 | 76 | 1320 | | | .3 | | 30842 | 8 6 | | 30. | 1. | 4. | | 17.0 | | 1.2 |
| 19 | 05 | 76 | 1350 | | | .3 | | 30854 | 8 6 | | 400. | 300. | 128. | | 10.5 | | 1.0 |
| 22 | 06 | 76 | 1110 | | | .3 | | 30866 | | | 300. | 1. | 8. | | | | 1.6 |
| 27 | 07 | 76 | 1200 | | | .3 | | 30878 | | | 400. | | 20. | | | | 0.8 |
| 26 | 08 | 76 | 1200 | | | .3 | | 30890 | | | 200. | 24. | 16. | | | | 1.2 |
| 26 | 10 | 76 | 1200 | | | .3 | | 30896 | | | 130. | 24. | 52. | | | | 1.5 |
| 30 | 11 | 76 | 1150 | | | .3 | | 30908 | 4 6 8 | | 50. | 12. | 28. | | 0.0 | | 1.4 |
| 30 | 12 | 76 | 1100 | | | .3 | | 30920 | 4 6 8 | | 50. | 4. | 4. L | | 0.0 | | 0.2 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|-------|------|--------|--|------|--|-----|
| MAXIMUM | | | | | | | | | | | 400. | 300. | 128. | | 17.0 | | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 134.* | 11.* | 15.* D | | 4.8 | | 1.3 |
| MINIMUM | | | | | | | | | | | 30. | 1. | 1. | | 0.0 | | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 10 | 9 | 10 | | 7 | | 11 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1245 | | | .3 | | 0.031 | 0.003 | 0.050 | 0.550 | 0.003 | 0.050 | 139.0 | | | |
| 17 | 02 | 76 | 1325 | | | .3 | | 0.035 | 0.008 | 0.192 | 0.850 | 0.013 | 0.683 | 228.0 | 9.8 | | 130 |
| 16 | 03 | 76 | 1310 | | | .3 | | 0.022 | 0.006 | 0.060 | 0.690 | 0.005 | 0.360 | | 7.8 | | 221 |
| 21 | 04 | 76 | 1320 | | | .3 | | 0.032 | 0.002 | 0.008 | 0.550 | 0.006 | 0.029 | | | | |
| 19 | 05 | 76 | 1350 | | | .3 | | 0.020 | 0.002 | 0.010 | 0.550 | 0.003 | 0.005L | | | | |
| 22 | 06 | 76 | 1110 | | | .3 | | 0.038 | 0.002 | 0.028 | 0.740 | 0.003 | 0.005L | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 0.019 | 0.003 | 0.002 | 0.450 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 0.018 | 0.002 | 0.008 | 0.560 | 0.001 | 0.009 | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 0.020 | 0.003 | 0.002 | 0.520 | 0.005 | 0.008 | | | | |
| 30 | 11 | 76 | 1150 | | | .3 | | 0.014 | 0.003 | 0.042 | 0.600 | 0.004 | 0.081 | | | | |
| 30 | 12 | 76 | 1100 | | | .3 | | 0.006 | 0.002 | 0.026 | 0.350 | 0.002 | 0.068 | 214.0 | 3.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|--------|-------|-----|--|-----|
| MAXIMUM | | | | | | | | 0.038 | 0.008 | 0.192 | 0.850 | 0.013 | 0.683 | 228.0 | 9.8 | | 221 |
| AVG OR GEOM MN (*) | | | | | | | | 0.023 | 0.003 | 0.039 | 0.583 | 0.004 | 0.118D | 193.7 | 6.9 | | 176 |
| MINIMUM | | | | | | | | 0.006 | 0.002 | 0.002 | 0.350 | 0.001 | 0.005 | 139.0 | 3.0 | | 130 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1245 | | | | .3 | 200 | 2.50 | 5.0 | | | | | | | |
| 17 | 02 | 76 | 1325 | | | | .3 | 340 | 4.00 | 16.0 | | | | | | | |
| 16 | 03 | 76 | 1310 | | | | .3 | 400 | 0.90 | 8.8 | | | | | | | |
| 21 | 04 | 76 | 1320 | | | | .3 | 310 | 1.80 | 5.4 | | | | | | | |
| 19 | 05 | 76 | 1350 | | | | .3 | 340 | 2.00 | 5.7 | | | | | | | |
| 22 | 06 | 76 | 1110 | | | | .3 | 260 | 1.50 | 4.9 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | | .3 | 238 | 1.60 | 4.7 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | | .3 | 230 | 2.30 | 4.4 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | | .3 | 315 | 1.20 | 7.3 | | | | | | | |
| 30 | 11 | 76 | 1150 | | | | .3 | 385 | 0.90 | 11.0 | | | | | | | |
| 30 | 12 | 76 | 1100 | | | | .3 | 325 | 1.50 | 7.5 | | | | | | | |
| MAXIMUM | | | | | | | | 400 | 4.00 | 16.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 304 | 1.84 | 7.3 | | | | | | | |
| MINIMUM | | | | | | | | 200 | 0.90 | 4.4 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | | | | | | |

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: BENSFORTH BRIDGE 8 MILES SOUTH OF PETERBOROUGH
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STATION ID: 17-0021-008-02
STORET CODE: 02
004
1220

| STN NO | | 8 | LAT | | LONG | | U.T.M. 17 0717425.0 4898200.0 4 | | | | REGION 03 | | MILEAGE | | 77.80 | | |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 01 | 76 | 1300 | | | | .3 | 30807 | | | 3300. | 620. | 120. | | 2.0 | | 1.4 |
| 17 | 02 | 76 | 1350 | | | | .3 | 30819 | 4 | | 11600. | 8100. | 100. | | 2.0 | | 1.4 |
| 16 | 03 | 76 | 1325 | | | | .3 | 30831 | 8 6 | | | | | | 2.0 | | 0.2 |
| 21 | 04 | 76 | 1340 | | | | .3 | 30843 | 8 6 | | 410. | 1. | 16. | | 14.0 | | 1.2 |
| 19 | 05 | 76 | 1405 | | | | .3 | 30855 | 8 6 | | 500. | 400. | 16. | | 11.5 | | 1.4 |
| 22 | 06 | 76 | 1440 | | | | .3 | 30867 | 8 6 | | | | | | 24.5 | | 0.4 |
| 27 | 07 | 76 | 1200 | | | | .3 | 30879 | | | | | | | | | 0.8 |
| 26 | 08 | 76 | 1200 | | | | .3 | 30891 | | | 15000. G | 252. | 12. | | | | 3.4 |
| 26 | 10 | 76 | 1200 | | | | .3 | 30897 | | | | | | | | | 2.3 |
| 30 | 11 | 76 | 1205 | | | | .3 | 30909 | 8 6 | | 1500. | 256. | 20. | | 0.0 | | 0.8 |
| 30 | 12 | 76 | 1115 | | | | .3 | 30921 | 4 6 8 | | 1700. | 540. | 60. | | 0.0 | | 1.0 |
| MAXIMUM | | | | | | | | | | | 15000. | 8100. | 120. | | 24.5 | | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 2259.* U | 255.* | 33.* | | 7.0 | | 1.3 |
| MINIMUM | | | | | | | | | | | 410. | 1. | 12. | | 0.0 | | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 7 | 7 | | 8 | | 11 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1300 | | | | .3 | 0.085 | 0.029 | 0.700 | 1.500 | 0.009 | 0.530 | 382.0 | 18.0 | | |
| 17 | 02 | 76 | 1350 | | | | .3 | 0.043 | 0.008 | 0.160 | 0.650 | 0.006 | 0.173 | 170.0 | 7.8 | | 163 |
| 16 | 03 | 76 | 1325 | | | | .3 | 0.017 | 0.004 | 0.092 | 0.470 | 0.004 | 0.191 | | | | |
| 21 | 04 | 76 | 1340 | | | | .3 | 0.020 | 0.001 | 0.002L | 0.390 | 0.006 | 0.209 | | | | |
| 19 | 05 | 76 | 1405 | | | | .3 | 0.026 | 0.002 | 0.058 | 0.530 | 0.005 | 0.045 | | | | |
| 22 | 06 | 76 | 1440 | | | | .3 | 0.029 | 0.001L | 0.042 | 0.650 | 0.002 | 0.005L | | | | |
| 27 | 07 | 76 | 1200 | | | | .3 | 0.024 | 0.004 | 0.043 | 0.450 | 0.004 | 0.071 | | | | |
| 26 | 08 | 76 | 1200 | | | | .3 | 0.050 | 0.001 | 0.080 | 0.860 | 0.003 | 0.022 | | | | |
| 26 | 10 | 76 | 1200 | | | | .3 | 0.024 | 0.006 | 0.090 | 0.770 | 0.005 | 0.060 | | | | |
| 30 | 11 | 76 | 1205 | | | | .3 | 0.022 | 0.003 | 0.054 | 0.520 | 0.003 | 0.072 | 207.0 | 2.0 | | |
| 30 | 12 | 76 | 1115 | | | | .3 | 0.011 | 0.004 | 0.096 | 0.440 | 0.002 | 0.028 | | | | |
| MAXIMUM | | | | | | | | 0.085 | 0.029 | 0.700 | 1.500 | 0.009 | 0.530 | 382.0 | 18.0 | | 163 |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.006D | 0.129D | 0.657 | 0.004 | 0.128D | 253.0 | 9.3 | | 163 |
| MINIMUM | | | | | | | | 0.011 | 0.001 | 0.002 | 0.390 | 0.002 | 0.005 | 170.0 | 2.0 | | 163 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1300 | | | | .3 | 540 | 2.80 | 14.0 | | | | | | | |
| 17 | 02 | 76 | 1350 | | | | .3 | 250 | 2.00 | 10.0 | | | | | | | |
| 16 | 03 | 76 | 1325 | | | | .3 | 220 | 0.85 | 6.2 | | | | | | | |
| 21 | 04 | 76 | 1340 | | | | .3 | | 1.80 | 4.5 | | | | | | | |
| 19 | 05 | 76 | 1405 | | | | .3 | 220 | 2.10 | 5.6 | | | | | | | |
| 22 | 06 | 76 | 1440 | | | | .3 | 187 | 1.90 | 4.1 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | | .3 | 205 | 2.3 | 5.2 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | | .3 | 205 | 5.00 | 5.3 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | | .3 | 215 | 2.00 | 5.5 | | | | | | | |
| 30 | 11 | 76 | 1205 | | | | .3 | 215 | 1.40 | 5.9 | | | | | | | |
| 30 | 12 | 76 | 1115 | | | | .3 | 316 | 1.60 | 5.5 | | | | | | | |
| MAXIMUM | | | | | | | | 540 | 5.00 | 14.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 257 | 2.16 | 6.5 | | | | | | | |
| MINIMUM | | | | | | | | 187 | 0.85 | 4.1 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 11 | 11 | | | | | | | |

B.O.W./ SITE: OTONABEE RIVER
 SAMPLE POINT: HIGHWAY 7 PETERBOROUGH
 STATION TYPE: RIVER

STATION ID: 17-0021-011-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 11 | LAT | LONG | U.T.M. 17 0714775.0 4907350.0 4 | REGION 03 | MILEAGE | 88.50 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 01 76 1415 | | | .3 | | 30810 | 8 6 | | 20. | 20. | 10. L | | 1.5 | | 0.8 |
| 17 02 76 1030 | | | .3 | | 30822 | 8 6 | | 2480. | 620. | 80. | | 4.0 | | 1.4 |
| 16 03 76 0940 | | | .3 | | 30834 | 8 6 | | | | | | 2.0 | | 0.6 |
| 21 04 76 1045 | | | .3 | | 30846 | 3 | | 10. | 1. | 1. | | 12.0 | | 1.0 |
| 19 05 76 1455 | | | .3 | | 30858 | 9 | | 2300. | 548. | 600. G | | 11.5 | | 1.8 |
| 22 06 76 1600 | | | .3 | | 30870 | 8 6 | | | | | | 23.5 | | 0.4 |
| 27 07 76 1200 | | | .3 | | 30882 | | | | | | | | | 1.4 |
| 26 08 76 1200 | | | .3 | | 30894 | | | 300. | 10. L | 40. | | | | 2.0 |
| 26 10 76 1200 | | | .3 | | 30898 | | | 170. | 4. | 10. L | | | | 2.0 |
| 30 11 76 1300 | | | .3 | | 30910 | 8 6 | | 3800. | 560. | 184. | | 0.0 | | 1.0 |
| 30 12 76 1255 | | | .3 | | 30922 | 4 6 8 | | 6300. | 692. | 180. | | 0.0 | | 1.0 |
| MAXIMUM | | | | | | | | 6300. | 692. | 600. | | 23.5 | | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 440.* | 57.* D | 40.* E | | 6.8 | | 1.2 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | | 0.4 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | 8 | | 11 |

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 20 01 76 1415 | | | .3 | | 0.044 | 0.024 | 0.270 | 0.780 | 0.010 | 0.940 | 322.0 | 2.1 | | |
| 17 02 76 1030 | | | .3 | | 0.020 | 0.004 | 0.170 | 0.520 | 0.008 | 0.102 | 147.0 | 4.5 | | 143 |
| 16 03 76 0940 | | | .3 | | 0.024 | 0.005 | 0.066 | 0.490 | 0.004 | 0.521 | | | | |
| 21 04 76 1045 | | | .3 | | 0.020 | 0.001 | 0.002L | 0.460 | 0.006 | 0.194 | | | | |
| 19 05 76 1455 | | | .3 | | 0.020 | 0.002 | 0.014 | 0.250 | 0.005 | 0.065 | | | | |
| 22 06 76 1600 | | | .3 | | 0.027 | 0.001L | 0.026 | 0.670 | 0.002 | 0.018 | | | | |
| 27 07 76 1200 | | | .3 | | 0.025 | 0.001 | 0.082 | 0.510 | 0.007 | 0.068 | | | | |
| 26 08 76 1200 | | | .3 | | 0.030 | 0.003 | 0.043 | 0.780 | 0.005 | 0.015 | | | | |
| 26 10 76 1200 | | | .3 | | 0.042 | 0.004 | 0.176 | 0.800 | 0.012 | 0.078 | | | | |
| 30 11 76 1300 | | | .3 | | 0.024 | 0.008 | 0.154 | 0.550 | 0.008 | 0.992 | | | | |
| 30 12 76 1255 | | | .3 | | 0.030 | 0.016 | 0.262 | 0.640 | 0.003 | 0.037 | 149.0 | 3.1 | | |
| MAXIMUM | | | | | 0.044 | 0.024 | 0.270 | 0.800 | 0.012 | 0.992 | 322.0 | 4.5 | | 143 |
| AVG OR GEOM MN (*) | | | | | 0.028 | 0.006D | 0.115D | 0.586 | 0.006 | 0.275 | 206.0 | 3.2 | | 143 |
| MINIMUM | | | | | 0.020 | 0.001 | 0.002 | 0.250 | 0.002 | 0.015 | 147.0 | 2.1 | | 143 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | 1 |

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 20 01 76 1415 | | | .3 | | 510 | 1.40 | 14.5 | | | | | | | |
| 17 02 76 1030 | | | .3 | | 220. | 1.00 | | | | | | | | |
| 16 03 76 0940 | | | .3 | | 430 | 3.40 | 37.0 | | | | | | | |
| 21 04 76 1045 | | | .3 | | 220 | 2.20 | 7.2 | | | | | | | |
| 19 05 76 1455 | | | .3 | | 205 | 8.80 | 5.5 | | | | | | | |
| 22 06 76 1600 | | | .3 | | 194 | 1.60 | 4.6 | | | | | | | |
| 27 07 76 1200 | | | .3 | | 197 | 1.80 | 5.8 | | | | | | | |
| 26 08 76 1200 | | | .3 | | 195 | 3.70 | 5.4 | | | | | | | |
| 26 10 76 1200 | | | .3 | | 215 | 2.00 | 6.7 | | | | | | | |
| 30 11 76 1300 | | | .3 | | 210 | 1.00 | 6.4 | | | | | | | |
| 30 12 76 1255 | | | .3 | | 225 | 3.20 | 9.0 | | | | | | | |
| MAXIMUM | | | | | 510 | 8.80 | 37.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 256 | 2.74 | 10.2 | | | | | | | |
| MINIMUM | | | | | 194 | 1.00 | 4.6 | | | | | | | |
| NO OF SAMPLES | | | | | 11 | 11 | 10 | | | | | | | |

B.O.W./ SITE: OTONABEE RIVER
 SAMPLE POINT: ROAD TO NASSAU MILLS
 STATION TYPE: RIVER

STATION ID: 17-0021-013-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 13 | LAT | LONG | U.T.M. 17 0715650.0 4914400.0 4 | REGION 03 | MILEAGE | 93.10 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 01 76 0950 | | | .3 | | 30800 | 8 6 | | 20. | 1. | 1. | | 2.0 | | 1.2 |
| 17 02 76 0935 | | | .3 | | 30812 | 8 6 | | 50. | 4. | 1. | | 4.0 | | 1.4 |
| 16 03 76 0915 | | | .3 | | 30824 | 8 6 | | | | | | 1.5 | | 0.2 |
| 21 04 76 0910 | | | .3 | | 30836 | 3 | | 10. L | 1. | 8. | | 11.0 | | 0.8 |
| 19 05 76 1050 | | | .3 | | 30848 | 8 6 | | 30. | 12. | 1. | | 11.0 | | 1.6 |
| 22 06 76 1020 | | | .3 | | 30860 | 8 6 | | 100. | 1. | 4. | | 22.0 | | 0.6 |
| 27 07 76 1200 | | | .3 | | 30872 | | | 200. | | 4. | | | | 0.8 |
| 26 08 76 1200 | | | .3 | | 30884 | | | 200. | 4. | 1. | | | | 1.2 |
| 26 10 76 1200 | | | .3 | | 30899 | | | 60. | 2. | 6. | | | | 1.3 |
| 30 11 76 0935 | | | .3 | | 30911 | 4 6 8 | | 10. | 2. L | 2. L | | 0.0 | | 1.2 |
| 30 12 76 0855 | | | .3 | | 30923 | 8 6 | | 10. L | 2. L | 2. L | | 0.0 | | 0.6 |
| MAXIMUM | | | | | | | | 200. | 12. | 8. | | 22.0 | | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | 39.* D | 2.* D | 2.* D | | 6.4 | | 1.0 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | | 0.2 |
| NO OF SAMPLES | | | | | | | | 555 | 10 | 9 | 10 | 8 | CONT'D | 11 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 0950 | | | .3 | | 0.021 | 0.003 | 0.160 | 0.690 | 0.024 | 1.100 | 458.0 | 1.1 | | |
| 17 | 02 | 76 | 0935 | | | .3 | | 0.114 | 0.001 | 0.048 | 0.440 | 0.002 | 0.092 | | 1.5 | | |
| 16 | 03 | 76 | 0915 | | | .3 | | 0.014 | 0.001 | 0.074 | 0.620 | 0.005 | 0.175 | | | | |
| 21 | 04 | 76 | 0910 | | | .3 | | 0.020 | 0.001 | 0.006 | 0.420 | 0.004 | 0.181 | | | | |
| 19 | 05 | 76 | 1050 | | | .3 | | 0.019 | 0.002 | 0.012 | 0.450 | 0.003 | 0.052 | | | | |
| 22 | 06 | 76 | 1020 | | | .3 | | 0.034 | 0.003 | 0.098 | 0.680 | 0.008 | 0.012 | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 0.020 | 0.001 | 0.020 | 0.550 | 0.001 | 0.009 | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 0.018 | 0.008 | 0.014 | 0.290 | 0.001 | 0.009 | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 0.020 | 0.003 | 0.010 | 0.430 | 0.002 | 0.023 | | | | |
| 30 | 11 | 76 | 0935 | | | .3 | | 0.012 | 0.005 | 0.002L | 0.490 | 0.001 | 0.019 | | | | |
| 30 | 12 | 76 | 0855 | | | .3 | | 0.009 | 0.003 | 0.020 | 0.370 | 0.002 | 0.013 | 134.0 | 1.2 | | |
| MAXIMUM | | | | | | | | 0.114 | 0.008 | 0.160 | 0.690 | 0.024 | 1.100 | 458.0 | 1.5 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.027 | 0.003 | 0.042D | 0.494 | 0.005 | 0.153 | 296.0 | 1.3 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.002 | 0.290 | 0.001 | 0.009 | 134.0 | 1.1 | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 2 | 3 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 0950 | | | .3 | | 700 | 1.10 | 68.0 | | | | | | | |
| 16 | 03 | 76 | 0915 | | | .3 | | 195 | | 5.4 | | | | | | | |
| 21 | 04 | 76 | 0910 | | | .3 | | 180 | 1.40 | 4.6 | | | | | | | |
| 19 | 05 | 76 | 1050 | | | .3 | | 210 | 1.60 | 6.7 | | | | | | | |
| 22 | 06 | 76 | 1020 | | | .3 | | 205 | 1.20 | 5.8 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 197 | 1.90 | 4.7 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 195 | 3.10 | 4.8 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 200 | 1.60 | 4.9 | | | | | | | |
| 30 | 11 | 76 | 0935 | | | .3 | | 200 | 0.80 | 5.1 | | | | | | | |
| 30 | 12 | 76 | 0855 | | | .3 | | 206 | 3.00 | 4.9 | | | | | | | |
| MAXIMUM | | | | | | | | 700 | 3.10 | 68.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 249 | 1.74 | 11.5 | | | | | | | |
| MINIMUM | | | | | | | | 180 | 0.80 | 4.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 10 | | | | | | | |

B.O.W./ SITE: CLEAR LAKE OUTLET
SAMPLE POINT: HIGHWAY 28 YOUNGS POINT
STATION TYPE: RIVER

STATION ID: 17-0021-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | | 16 | LAT | | LONG | | U.T.M. 17 0720025.0 4929525.0 4 | | | | REGION 03 | | MILEAGE | | 106.60 | | |
|--------------------|--------|-------|--------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 0900 | | | .3 | | 27052 | | | | | | | | | 1.0 |
| 18 | 03 | 76 | 0930 | | | .3 | | 27118 | 6 | | | | | | 0.0 | 10.5 | 0.8 |
| 29 | 04 | 76 | 0900 | | | .3 | | 27204 | 6 | | 4. | 1. | 1. | 11.0 | 10.2 | 1.6 | |
| 10 | 06 | 76 | 0930 | | | .3 | | 27292 | 6 | | 10. | | 1. | | | 1.0 | |
| 29 | 07 | 76 | 1235 | | | .3 | | 27383 | 6 | | | | | 22.4 | 13.0 | 0.8 | |
| 26 | 08 | 76 | 1258 | | | .3 | | 27442 | 6 | | 110. | 4. | 52. | 22.0 | 11.8 | 2.0 | |
| 30 | 09 | 76 | 0930 | | | .3 | | 27506 | 6 | | 30. | 1. | 30. | 14.0 | 13.7 | 1.0 | |
| 28 | 10 | 76 | 0910 | | | .3 | | 27570 | 6 | | 80. | 4. | 16. | 5.8 | 10.8 | 1.6 | |
| 24 | 11 | 76 | 0905 | | | .3 | | 27627 | 6 | | 44. | 1. | 1. | 0.5 | 12.4 | 2.0 | |
| | | | | | | | | | | | 110. | 4. | 52. | 22.4 | 13.7 | 2.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 28.* | 2.* | 5.* | 10.8 | 11.8 | 1.3 | |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | 0.0 | 10.2 | 0.8 | |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 6 | 7 | 7 | 9 | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 0900 | | | .3 | | 0.009 | 0.001 | 0.030 | 0.460 | 0.003 | 0.020 | | | | |
| 18 | 03 | 76 | 0930 | | | .3 | | 0.014 | 0.004 | 0.072 | 0.380 | 0.004 | 0.146 | | | | |
| 29 | 04 | 76 | 0900 | | | .3 | | 0.015 | 0.001 | 0.016 | 0.530 | 0.004 | 0.161 | | | | |
| 10 | 06 | 76 | 0930 | | | .3 | | 0.117 | 0.002 | 0.006 | 0.590 | 0.002 | 0.008 | | | | |
| 29 | 07 | 76 | 1235 | | | .3 | | 0.039 | 0.001 | 0.010 | 0.540 | 0.002 | 0.018 | | | | |
| 26 | 08 | 76 | 1258 | | | .3 | | 0.036 | 0.002 | 0.002 | 0.680 | 0.002 | 0.018 | | | | |
| 30 | 09 | 76 | 0930 | | | .3 | | 0.022 | 0.002 | 0.008 | 0.540 | 0.002 | 0.013 | | | | |
| 28 | 10 | 76 | 0910 | | | .3 | | 0.014 | 0.002 | 0.008 | 0.270 | 0.002 | 0.003 | | | | |
| 24 | 11 | 76 | 0905 | | | .3 | | 0.016 | 0.002 | 0.010 | 0.380 | 0.001 | 0.034 | | | | |
| MAXIMUM | | | | | | | | 0.117 | 0.004 | 0.072 | 0.680 | 0.004 | 0.161 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.031 | 0.002 | 0.018 | 0.486 | 0.002 | 0.047 | | | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.002 | 0.270 | 0.001 | 0.003 | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 0900 | | .3 | | 195 | 1.00 | 3.8 | | | | | | | |
| 18 | 03 | 76 | 0930 | | .3 | | 185 | 1.00 | 4.1 | | | | | | | |
| 29 | 04 | 76 | 0900 | | .3 | | 180 | 1.10 | 4.3 | | | | | | | |
| 10 | 06 | 76 | 0930 | | .3 | | 180 | 1.10 | 4.0 | | | | | | | |
| 29 | 07 | 76 | 1235 | | .3 | | 190 | 3.5 | 5.0 | | | | | | | |
| 26 | 08 | 76 | 1258 | | .3 | | 405 | 1.80 | 13.0 | | | | | | | |
| 30 | 09 | 76 | 0930 | | .3 | | 190 | 2.40 | 3.7 | | | | | | | |
| 28 | 10 | 76 | 0910 | | .3 | | 195 | 1.80 | 4.3 | | | | | | | |
| 24 | 11 | 76 | 0905 | | .3 | | 185 | 1.20 | 4.1 | | | | | | | |

MAXIMUM 405 3.5 13.0
 AVG OR GEOM MN (*) 212 1.68 5.1
 MINIMUM 180 1.00 3.7
 NO OF SAMPLES 9 9 9

B.O.W./ SITE: LOVESICK LAKE OUTLET
 SAMPLE POINT: AT HIGHWAY 28 BURLEIGH FALLS
 STATION TYPE: RIVER

STATION ID: 17-0021-017-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

STN NO 17 LAT LONG U.T.M. 15 0721700.0 4937525.0 4 REGION 03 MILEAGE 115.40

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 22 | 01 | 76 | 0922 | | .3 | | 27053 | 6 | | | | | | 0.0 | 10.3 | 1.0 |
| 18 | 03 | 76 | 0950 | | .3 | | 27119 | 6 | | | | | | 0.5 | 8.9 | 1.0 |
| 29 | 04 | 76 | 0935 | | .3 | | 27205 | 6 | | 10. | 1. | 1. | | 10.4 | 8.8 | 1.6 |
| 10 | 06 | 76 | 0950 | | .3 | | 27293 | 6 | | 24. | | 1. | | | | 0.6 |
| 29 | 07 | 76 | 1300 | | .3 | | 27384 | 6 | | | | | | 22.0 | 12.0 | 2.0 |
| 26 | 08 | 76 | 1325 | | .3 | | 27443 | 6 | | | | | | 23.0 | 9.8 | 1.8 |
| 30 | 09 | 76 | 1000 | | .3 | | 27507 | 6 | | 10. | 2. | 2. | | 14.8 | 13.6 | 1.0 |
| 28 | 10 | 76 | 0935 | | .3 | | 27571 | 6 | | 250. | 4. | 20. | | 5.0 | 14.2 | 0.8 |
| 24 | 11 | 76 | 0930 | | .3 | | 27628 | 6 | | | | | | 0.0 | 13.2 | 2.0 |

MAXIMUM 250. 4. 20. 23.0 14.2 2.0
 AVG OR GEOM MN (*) 28.* 2.* 3.* 9.5 11.4 1.3
 MINIMUM 10. 1. 1. 0.0 8.8 0.6
 NO OF SAMPLES 4 3 4 8 8 9

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 0922 | | .3 | | 0.008 | 0.001 | 0.040 | 0.460 | 0.003 | 0.030 | | | | |
| 18 | 03 | 76 | 0950 | | .3 | | 0.018 | 0.003 | 0.132 | 0.480 | 0.004 | 0.176 | | | | |
| 29 | 04 | 76 | 0935 | | .3 | | 0.018 | 0.001 | 0.008 | 0.450 | 0.004 | 0.126 | | | | |
| 10 | 06 | 76 | 0950 | | .3 | | 0.020 | 0.003 | 0.022 | 0.410 | 0.002 | 0.008 | | | | |
| 29 | 07 | 76 | 1300 | | .3 | | 0.037 | 0.001L | 0.004 | 0.570 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1325 | | .3 | | 0.024 | 0.001 | 0.002 | 0.640 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1000 | | .3 | | 0.017 | 0.001 | 0.006 | 0.480 | 0.001 | 0.005L | | | | |
| 28 | 10 | 76 | 0935 | | .3 | | 0.013 | 0.003 | 0.010 | 0.400 | 0.002 | 0.013 | | | | |
| 24 | 11 | 76 | 0930 | | .3 | | 0.014 | 0.001 | 0.016 | 0.370 | 0.001 | 0.039 | | | | |

MAXIMUM 0.037 0.003 0.132 0.640 0.004 0.176
 AVG OR GEOM MN (*) 0.019 0.0020 0.027 0.473 0.002 0.0450
 MINIMUM 0.008 0.001 0.002 0.370 0.001 0.005
 NO OF SAMPLES 9 9 9 9 9 9

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 0922 | | .3 | | 190 | 1.90 | 3.8 | | | | | | | |
| 18 | 03 | 76 | 0950 | | .3 | | 180 | 1.40 | 4.8 | | | | | | | |
| 29 | 04 | 76 | 0935 | | .3 | | 180 | 1.30 | 4.3 | | | | | | | |
| 10 | 06 | 76 | 0950 | | .3 | | 180 | 1.10 | 4.1 | | | | | | | |
| 29 | 07 | 76 | 1300 | | .3 | | 190 | 2.9 | 4.3 | | | | | | | |
| 26 | 08 | 76 | 1325 | | .3 | | 192 | 2.50 | 4.5 | | | | | | | |
| 30 | 09 | 76 | 1000 | | .3 | | 180 | 1.80 | 4.0 | | | | | | | |
| 28 | 10 | 76 | 0935 | | .3 | | 195 | 2.20 | 4.6 | | | | | | | |
| 24 | 11 | 76 | 0930 | | .3 | | 190 | 1.40 | 4.2 | | | | | | | |

MAXIMUM 195 2.9 4.8
 AVG OR GEOM MN (*) 186 1.83 4.3
 MINIMUM 180 1.10 3.8
 NO OF SAMPLES 9 9 9

B.O.W. / SITE: BUCKHORN LAKE OUTLET
 SAMPLE POINT: HIGHWAY 507 BUCKHORN
 STATION TYPE: RIVER

STATION ID: 17-0021-018-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 18 | LAT | LONG | U.T.M. 17 0710850.0 4936725.0 4 | | | | | | | REGION 03 | MILEAGE | 122.80 | |
|---------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 01 76 1018 | | | .3 | | 27055 | 6 | | | | | | 0.0 | 10.1 | 1.4 |
| 18 03 76 1035 | | | .3 | | 27121 | 6 | | | | | | 0.8 | 9.5 | 1.0 |
| 29 04 76 1030 | | | .3 | | 27207 | 6 | | 10. L | 1. | 1. | | 9.0 | 9.6 | 1.6 |
| 10 06 76 1130 | | | .3 | | 27295 | 6 | | 20. | | 4. | | | | 1.0 |
| 29 07 76 1340 | | | .3 | | 27386 | 6 | | | | | | 21.0 | 12.0 | 5.0 |
| 26 08 76 1400 | | | .3 | | 27445 | 6 | | 1200. | 126. | 10. | | 22.0 | 11.7 | 2.4 |
| 30 09 76 1050 | | | .3 | | 27509 | 6 | | 10. | 1. | 1. | | 13.0 | 13.2 | 1.2 |
| 28 10 76 1020 | | | .3 | | 27573 | 6 | | 350. | 6. | 20. | | 4.0 | 12.9 | 0.6 |
| 24 11 76 1015 | | | .3 | | 27630 | 6 | | | | | | 0.2 | 11.8 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 22 01 76 1018 | | | .3 | | 0.009 | 0.001 | 0.040 | 0.430 | 0.002 | 0.030 | | | | |
| 18 03 76 1035 | | | .3 | | 0.012 | 0.001 | 0.160 | 0.510 | 0.004 | 0.201 | | | | |
| 29 04 76 1030 | | | .3 | | 0.025 | 0.004 | 0.008 | 0.490 | 0.004 | 0.101 | | | | |
| 10 06 76 1130 | | | .3 | | 0.016 | 0.002 | 0.002 | 0.430 | 0.001 | 0.005L | | | | |
| 29 07 76 1340 | | | .3 | | 0.024 | 0.001 | 0.004 | 0.380 | 0.002 | 0.008 | | | | |
| 26 08 76 1400 | | | .3 | | 0.027 | 0.001 | 0.002L | 0.490 | 0.001 | 0.005L | | | | |
| 30 09 76 1050 | | | .3 | | 0.017 | 0.001 | 0.002 | 0.530 | 0.001 | 0.005L | | | | |
| 28 10 76 1020 | | | .3 | | 0.014 | 0.004 | 0.006 | 0.230 | 0.002 | 0.003 | | | | |
| 24 11 76 1015 | | | .3 | | 0.012 | 0.001 | 0.006 | 0.360 | 0.001 | 0.009 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 22 01 76 1018 | | | .3 | | 185 | 1.50 | 3.8 | | | | | | | |
| 18 03 76 1035 | | | .3 | | 210 | 0.95 | 5.4 | | | | | | | |
| 29 04 76 1030 | | | .3 | | 180 | 1.30 | 4.4 | | | | | | | |
| 10 06 76 1130 | | | .3 | | 185 | 1.50 | 4.5 | | | | | | | |
| 29 07 76 1340 | | | .3 | | 185 | 3.2 | 4.2 | | | | | | | |
| 26 08 76 1400 | | | .3 | | 190 | 2.20 | 4.4 | | | | | | | |
| 30 09 76 1050 | | | .3 | | 190 | 1.60 | 4.2 | | | | | | | |
| 28 10 76 1020 | | | .3 | | 420 | 1.20 | 2.9 | | | | | | | |
| 24 11 76 1015 | | | .3 | | 195 | 1.20 | 4.4 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: STURGEON LAKE OUTLET
 SAMPLE POINT: HIGHWAY 36 BOBCAYGEON
 STATION TYPE: RIVER

STATION ID: 17-0021-021-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | | 21 | LAT | | LONG | | U.T.M. 17 0694960.0 4934400.0 4 | | | | REGION 03 | | MILEAGE | | 138.00 | | |
|------------|-----------|------------|------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|--------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 5-D BOD MG/L |
| 22 | 01 | 76 | 1130 | | | .3 | | 27056 | 6 | | | | | | 0.0 | 8.1 | 0.8 |
| 18 | 03 | 76 | 1115 | | | .3 | | 27122 | 6 | | | | | | 1.8 | 9.8 | 1.6 |
| 29 | 04 | 76 | 1100 | | | .3 | | 27208 | 6 | | | 1. | 1. | | 10.0 | 9.8 | 2.2 |
| 10 | 06 | 76 | 1220 | | | .3 | | 27296 | 6 | | 100. | | 12. | | | | 1.0 |
| 29 | 07 | 76 | 1412 | | | .3 | | 27387 | 6 | | | | | | 21.4 | 13.0 | 0.6 |
| 26 | 08 | 76 | 1520 | | | .3 | | 27446 | 6 | | 180. | 16. | 24. | | 23.5 | 12.4 | 2.0 |
| 30 | 09 | 76 | 1130 | | | .3 | | 27510 | 6 | | 10. | 1. | 6. | | 13.5 | 13.8 | 1.4 |
| 28 | 10 | 76 | 1108 | | | .3 | | 27574 | 6 | | 210. | 4. | 26. | | 4.9 | 11.6 | 1.3 |
| 24 | 11 | 76 | 1105 | | | .3 | | 27631 | 6 | | | | | | 1.0 | 10.4 | 1.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P | 34 FILTERED REACTIVE | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|------------|-----------|------------|-------------|------------|---------------|----|------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| MO | YR | LMT | FEET | | MTRS | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 22 | 01 | 76 | 1130 | | .3 | | 0.006 | 0.002 | 0.040 | 0.460 | 0.002 | 0.060 | | | | |
| 18 | 03 | 76 | 1115 | | .3 | | 0.019 | 0.001 | 0.248 | 0.600 | 0.006 | 0.269 | | | | |
| 29 | 04 | 76 | 1100 | | .3 | | 0.029 | 0.002 | 0.010 | 0.490 | 0.003 | 0.077 | | | | |
| 10 | 06 | 76 | 1220 | | .3 | | 0.014 | 0.002 | 0.032 | 0.460 | 0.002 | 0.005L | | | | |
| 29 | 07 | 76 | 1412 | | .3 | | 0.017 | 0.001 | 0.014 | 0.400 | 0.002 | 0.008L | | | | |
| 26 | 08 | 76 | 1520 | | .3 | | 0.025 | 0.001 | 0.004 | 0.500 | 0.001L | 0.005L | | | | |
| 30 | 09 | 76 | 1130 | | .3 | | 0.022 | 0.001 | 0.002L | 0.440 | 0.001 | 0.005L | | | | |
| 28 | 10 | 76 | 1108 | | .3 | | 0.066 | 0.010 | 0.040 | 0.960 | 0.005 | 0.075 | | | | |
| 24 | 11 | 76 | 1105 | | .3 | | 0.013 | 0.001 | 0.010 | 0.330 | 0.001 | 0.054 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|--------|--------|
| MAXIMUM | 0.066 | 0.010 | 0.248 | 0.960 | 0.006 | 0.269 |
| AVG OR GEOM MN (*) | 0.023 | 0.002 | 0.044D | 0.516 | 0.003D | 0.062D |
| MINIMUM | 0.006 | 0.001 | 0.002 | 0.330 | 0.001 | 0.005 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C | 16 TURB. FORMAZIN | 56 CHLORIDE | 59 SULPHATE | 280 REACTIVE SILICATE | 95 ACIDITY | 52 TOT ALK AT LAB | 55 PH AT LAB | 61 TOTAL IRON | 208 TOTAL IRON |
|------------|-----------|------------|-------------|------------|---------------|----|--------------------|-------------------------|----------------|----------------|-----------------------------|---------------|-------------------------|--------------------|---------------------|----------------------|
| MO | YR | LMT | FEET | | MTRS | | UMHOS | UNITS | MG/L | MG/L | SI MG/L | MG/L | MG/L | | MG/L | MG/L |
| 22 | 01 | 76 | 1130 | | .3 | | 150 | 1.80 | 3.3 | | | | | | | |
| 18 | 03 | 76 | 1115 | | .3 | | 210 | 1.20 | 6.3 | | | | | | | |
| 29 | 04 | 76 | 1100 | | .3 | | 170 | 2.00 | 4.4 | | | | | | | |
| 10 | 06 | 76 | 1220 | | .3 | | 197 | 1.40 | 5.0 | | | | | | | |
| 29 | 07 | 76 | 1412 | | .3 | | 183 | 2.3 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1520 | | .3 | | 190 | 2.50 | 4.4 | | | | | | | |
| 30 | 09 | 76 | 1130 | | .3 | | 180 | 2.60 | 4.1 | | | | | | | |
| 28 | 10 | 76 | 1108 | | .3 | | 455 | 3.20 | 4.1 | | | | | | | |
| 24 | 11 | 76 | 1105 | | .3 | | 195 | 1.20 | 4.9 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 455 | 3.20 | 6.3 |
| AVG OR GEOM MN (*) | 214 | 2.02 | 4.5 |
| MINIMUM | 150 | 1.20 | 3.3 |
| NO OF SAMPLES | 9 | 9 | 9 |

B.O.W. / SITE: CAMERON LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 FENELON FALLS
STATION TYPE: RIVER

STATION ID: 17-0021-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 23 LAT LONG U.T.M. 17 0679725.0 4933625.0 4 REGION 03 MILEAGE 155.00

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM | 81 FECAL COLIFORM | 84 M.F. ENTER. | 88 PSEUD. MPA | 805 WATER TEMP. | 3 DISS. O2 | 1 5-DAY BOD |
|------------|-----------|------------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------|-------------------------|----------------------|---------------------|-----------------------|------------------|-------------------|
| MO | YR | LMT | FEET | | MTRS | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 22 | 01 | 76 | 1440 | | .3 | | 27061 | 6 | | | | | | | 10.9 | 1.2 |
| 18 | 03 | 76 | 1430 | | .3 | | 27127 | 6 | | | | | | 3.0 | 10.4 | 1.0 |
| 29 | 04 | 76 | 1410 | | .3 | | 27213 | 6 | | 10. L | 1. | 1. | | 10.0 | 9.3 | 1.6 |
| 10 | 06 | 76 | 1500 | | .3 | | 27301 | 6 | | 40. | | 4. | | | | 0.9 |
| 29 | 07 | 76 | 1615 | | .3 | | 27392 | 6 | | | | | | | 23.0 | 13.7 |
| 26 | 08 | 76 | 1720 | | .3 | | 27451 | 6 | | 150. | 4. | 20. | | 23.5 | 11.9 | 1.8 |
| 30 | 09 | 76 | 1400 | | .3 | | 27515 | 6 | | 20. | 1. | 2. | | 15.2 | 12.8 | 0.8 |
| 28 | 10 | 76 | 1352 | | .3 | | 27579 | 6 | | 280. | 10. | 16. | | 5.0 | 13.1 | 0.7 |
| 25 | 11 | 76 | 1520 | | .3 | | 27636 | 6 | | 10. L | 1. | 1. | | 0.5 | 10.8 | 2.0 |

| | | | | | | |
|--------------------|--------|-----|-----|------|------|-----|
| MAXIMUM | 280. | 10. | 20. | 23.5 | 13.7 | 2.0 |
| AVG OR GEOM MN (*) | 39.* D | 2.* | 4.* | 10.0 | 11.6 | 1.2 |
| MINIMUM | 10. | 1. | 1. | 0.0 | 9.3 | 0.6 |
| NO OF SAMPLES | 6 | 5 | 6 | 8 | 8 | 9 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P | 34 FILTERED REACTIVE | 19 FILTERED AMMONIA | 20 TOTAL KJELDAHL | 21 FILTERED NO2-N | 22 FILTERED NO3-N | 5 TOTAL SOLIDS | 6 SUSP. SOLIDS | 7 DISS. SOLIDS | 107 CALCUL D-SOLIDS |
|------------|-----------|------------|-------------|------------|---------------|----|------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------------|---------------------------|
| MO | YR | LMT | FEET | | MTRS | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 22 | 01 | 76 | 1440 | | .3 | | 0.005 | 0.001 | 0.030 | 0.360 | 0.003 | 0.090 | | | | |
| 18 | 03 | 76 | 1430 | | .3 | | 0.009 | 0.004 | 0.048 | 0.280 | 0.003 | 0.152 | | | | |
| 29 | 04 | 76 | 1410 | | .3 | | 0.009 | 0.001 | 0.010 | 0.350 | 0.003 | 0.017 | | | | |
| 10 | 06 | 76 | 1500 | | .3 | | 0.010 | 0.001L | 0.022 | 0.350 | 0.006 | 0.001 | | | | |
| 29 | 07 | 76 | 1615 | | .3 | | 0.028 | 0.001 | 0.002 | 0.860 | 0.001 | 0.009 | | | | |
| 26 | 08 | 76 | 1720 | | .3 | | 0.026 | 0.002 | 0.002L | 0.500 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1400 | | .3 | | 0.006 | 0.002 | 0.016 | 0.270 | 0.002 | 0.013 | | | | |
| 28 | 10 | 76 | 1352 | | .3 | | 0.012 | 0.009 | 0.002 | 0.330 | 0.002 | 0.008 | | | | |
| 25 | 11 | 76 | 1520 | | .3 | | 0.018 | 0.001 | 0.008 | 0.310 | 0.001 | 0.019 | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|-------|--------|
| MAXIMUM | 0.028 | 0.009 | 0.048 | 0.860 | 0.006 | 0.152 |
| AVG OR GEOM MN (*) | 0.014 | 0.002D | 0.016D | 0.401 | 0.002 | 0.044D |
| MINIMUM | 0.005 | 0.001 | 0.002 | 0.270 | 0.001 | 0.001 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1440 | | | .3 | | 112 | 1.50 | 2.7 | | | | | | | |
| 18 | 03 | 76 | 1430 | | | .3 | | 114 | 1.00 | 3.0 | | | | | | | |
| 29 | 04 | 76 | 1410 | | | .3 | | 120 | 0.80 | 2.8 | | | | | | | |
| 10 | 06 | 76 | 1500 | | | .3 | | 126 | 0.95 | 3.1 | | | | | | | |
| 29 | 07 | 76 | 1615 | | | .3 | | 183 | 3.3 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1720 | | | .3 | | 185 | 2.70 | 4.0 | | | | | | | |
| 30 | 09 | 76 | 1400 | | | .3 | | 118 | 0.90 | 2.4 | | | | | | | |
| 28 | 10 | 76 | 1352 | | | .3 | | 220 | 1.20 | 5.3 | | | | | | | |
| 25 | 11 | 76 | 1520 | | | .3 | | 124 | 1.40 | 2.8 | | | | | | | |
| MAXIMUM | | | | | | | | 220 | 3.3 | 5.3 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 145 | 1.53 | 3.3 | | | | | | | |
| MINIMUM | | | | | | | | 112 | 0.80 | 2.4 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 35 COBOCONK
STATION TYPE: RIVER

STATION ID: 17-0021-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 25 | LAT | LONG | U.T.M. 17 0674650.0 4947150.0 4 | REGION 03 | MILEAGE | 166.30 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|--------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1310 | | | .3 | | 27059 | 6 | | | | | | 0.0 | 8.8 | 1.4 |
| 18 | 03 | 76 | 1250 | | | .3 | | 27125 | 6 | | | | | | 1.0 | 9.7 | 0.6 |
| 29 | 04 | 76 | 1330 | | | .3 | | 27211 | 6 | | 10. L | 1. | 1. | | 9.0 | 10.0 | 0.6 |
| 10 | 06 | 76 | 1335 | | | .3 | | 27299 | 6 | | 20. | | 4. | | | | 0.9 |
| 29 | 07 | 76 | 1515 | | | .3 | | 27390 | 6 | | | | | | | | 0.4 |
| 26 | 08 | 76 | 1638 | | | .3 | | 27449 | 6 | | 240. | 48. | 4. | | 20.9 | 13.0 | 2.2 |
| 30 | 09 | 76 | 1300 | | | .3 | | 27513 | 6 | | 10. | 1. | 1. | | 22.9 | 10.8 | 0.6 |
| 28 | 10 | 76 | 1305 | | | .3 | | 27577 | 6 | | 900. | 26. | 72. | | 14.9 | 12.5 | 0.6 |
| 25 | 11 | 76 | 1310 | | | .3 | | 27634 | 6 | | 10. | 1. | 4. | | 4.9 | 13.2 | 0.9 |
| | | | | | | | | | | | | | | | 1.8 | 10.6 | 1.2 |
| MAXIMUM | | | | | | | | | | | 900. | 48. | 72. | | 22.9 | 13.2 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 40.* D | 4.* | 4.* | | 9.4 | 11.1 | 1.0 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 8.8 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 6 | | 8 | 8 | 9 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1310 | | | .3 | | 0.004 | 0.001 | 0.010 | 0.310 | 0.002 | 0.140 | | | | |
| 18 | 03 | 76 | 1250 | | | .3 | | 0.007 | 0.001 | 0.020 | 0.220 | 0.002 | 0.168 | | | | |
| 29 | 04 | 76 | 1330 | | | .3 | | 0.006 | 0.001 | 0.008 | 0.250 | 0.002 | 0.123 | | | | |
| 10 | 06 | 76 | 1335 | | | .3 | | 0.007 | 0.002 | 0.002L | 0.250 | 0.001 | 0.019 | | | | |
| 29 | 07 | 76 | 1515 | | | .3 | | 0.020 | 0.001 | 0.012 | 0.430 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1638 | | | .3 | | 0.052 | 0.002 | 0.002 | 0.660 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1300 | | | .3 | | 0.005 | 0.001 | 0.004 | 0.210 | 0.001 | 0.009 | | | | |
| 28 | 10 | 76 | 1305 | | | .3 | | 0.013 | 0.002 | 0.012 | 0.400 | 0.002 | 0.008 | | | | |
| 25 | 11 | 76 | 1310 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.260 | 0.001 | 0.074 | | | | |
| MAXIMUM | | | | | | | | 0.052 | 0.002 | 0.020 | 0.660 | 0.002 | 0.168 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.001 | 0.008D | 0.332 | 0.001 | 0.061D | | | | |
| MINIMUM | | | | | | | | 0.004 | 0.001 | 0.002 | 0.210 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1310 | | | .3 | | 72 | 1.60 | 2.1 | | | | | | | |
| 18 | 03 | 76 | 1250 | | | .3 | | 78 | 0.95 | 2.3 | | | | | | | |
| 29 | 04 | 76 | 1330 | | | .3 | | 75 | 0.90 | 2.2 | | | | | | | |
| 10 | 06 | 76 | 1335 | | | .3 | | 78 | 0.90 | 2.3 | | | | | | | |
| 29 | 07 | 76 | 1515 | | | .3 | | 185 | 1.5 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1638 | | | .3 | | 185 | 5.30 | 4.3 | | | | | | | |
| 30 | 09 | 76 | 1300 | | | .3 | | 68 | 0.80 | 1.6 | | | | | | | |
| 28 | 10 | 76 | 1305 | | | .3 | | 190 | 1.40 | 4.3 | | | | | | | |
| 25 | 11 | 76 | 1310 | | | .3 | | 69 | 2.50 | 1.9 | | | | | | | |
| MAXIMUM | | | | | | | | 190 | 5.30 | 4.3 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 111 | 1.76 | 2.8 | | | | | | | |
| MINIMUM | | | | | | | | 68 | 0.80 | 1.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: NONQUON RIVER
SAMPLE POINT: AT COUNTY ROAD NO 2 SEAGRAVE
STATION TYPE: RIVER

STATION ID: 17-0021-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 40 | LAT | | LONG | | U.T.M. 17 0663850.0 4895950.0 4 | | | | REGION 03 | | MILEAGE | | 180.50 |
|---------------|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 09 01 76 1130 | | | .3 | | 27027 | 4 | | 60. | 10. L | 20. | | 0.0 | 5.8 | 1.8 |
| 11 03 76 1250 | | | .3 | | 27092 | 4 | | | | | | 0.0 | 4.1 | 1.2 |
| 15 04 76 1220 | | | .3 | | 27178 | 6 | | 116. | 12. | 44. | | 12.0 | 7.6 | 2.2 |
| 21 05 76 1240 | | | .3 | | 27264 | 5 | | 140. | 60. | 16. | | 12.8 | 7.3 | 0.8 |
| 23 06 76 1400 | | | .3 | | 27518 | 5 | | | | | | 25.0 | 5.6 | 1.4 |
| 21 07 76 1400 | | | .3 | | 27538 | 5 | | 800. | | 12. | | 25.0 | 5.3 | 1.0 |
| 17 08 76 1130 | | | .3 | | 27541 | 6 8 | | 270. | 12. | 60. | | 22.0 | 7.9 | 4.0 |
| 14 09 76 1040 | | | .3 | | 29561 | 6 8 9 | | 110. | 72. | 1. | | 17.5 | 9.6 | 0.8 |
| 12 10 76 1035 | | | .3 | | 29581 | 9 5 | | 20. | 92. | 14. | | 9.8 | 9.6 | 1.4 |
| 08 11 76 1040 | | | .3 | | 29601 | 6 | | 150. | 4. | 22. | | 1.5 | 11.8 | 1.4 |
| 09 12 76 1230 | | | .3 | | 27673 | 4 | | 100. | 30. | 70. | | 0.5 | 9.6 | 2.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 09 01 76 1130 | | | .3 | | 0.036 | 0.008 | 0.180 | 0.680 | 0.012 | 0.520 | 394.0 | 3.0 | | |
| 11 03 76 1250 | | | .3 | | 0.026 | 0.008 | 0.266 | 0.530 | 0.022 | 0.538 | | | | |
| 15 04 76 1220 | | | .3 | | 0.127 | 0.048 | 0.560 | 1.200 | 0.038 | 0.442 | | | | |
| 21 05 76 1240 | | | .3 | | 0.033 | 0.007 | 0.010 | 0.720 | 0.004 | 0.016 | | | | |
| 23 06 76 1400 | | | .3 | | 0.068 | 0.024 | 0.024 | 0.830 | 0.004 | 0.005L | | | | |
| 21 07 76 1400 | | | .3 | | 0.070 | 0.031 | 0.008 | 1.200 | 0.004 | 0.005L | | | | |
| 17 08 76 1130 | | | .3 | | 0.070 | 0.029 | 0.024 | 1.000 | 0.005 | 0.005 | | | | |
| 14 09 76 1040 | | | .3 | | 0.054 | 0.015 | 0.017 | 0.920 | 0.004 | 0.006 | | | | |
| 12 10 76 1035 | | | .3 | | 0.034 | 0.008 | 0.012 | 0.720 | 0.002 | 0.018 | | | | |
| 08 11 76 1040 | | | .3 | | 0.017 | 0.002 | 0.002 | 0.540 | 0.001 | 0.014 | | | | |
| 09 12 76 1230 | | | .3 | | 0.110 | 0.005 | 0.064 | 1.000 | 0.009 | 0.194 | 480.0 | 91.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 09 01 76 1130 | | | .3 | | 620 | 2.60 | 27.5 | | | | | | | |
| 11 03 76 1250 | | | .3 | | 410 | 1.00 | 17.5 | | | | | | | |
| 15 04 76 1220 | | | .3 | | 450 | 2.50 | 25.0 | | | | | | | |
| 21 05 76 1240 | | | .3 | | 455 | 2.50 | 17.5 | | | | | | | |
| 23 06 76 1400 | | | .3 | | 415 | 5.40 | 13.0 | | | | | | | |
| 21 07 76 1400 | | | .3 | | 480 | 5.70 | 12.5 | | | | | | | |
| 17 08 76 1130 | | | .3 | | 490 | 8.10 | 14.0 | | | | | | | |
| 14 09 76 1040 | | | .3 | | 450 | 14.00 | 11.5 | | | | | | | |
| 12 10 76 1035 | | | .3 | | 530 | 3.80 | 13.0 | | | | | | | |
| 08 11 76 1040 | | | .3 | | 510 | 2.50 | 15.0 | | | | | | | |
| 09 12 76 1230 | | | .3 | | 630 | 28.00 | 20.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: SCUGOG RIVER
SAMPLE POINT: DOWNSTREAM FROM LINDSAY LAGOONS
STATION TYPE: RIVER

STATION ID: 17-0021-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 41 | LAT | | LONG | | U.T.M. 17 0678960.0 4918125.0 4 | | | | | | REGION 03 | | MILEAGE | | 152.70 |
|---------------|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|--|--------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | | |
| 20 01 76 1400 | | | .3 | | 31269 | | | 21000. | 800. | 176. | | 0.0 | 11.0 | 2.6 | | |
| 09 03 76 1530 | | | .3 | | 31250 | | | | | | | 0.5 | 10.0 | 3.8 | | |
| 23 03 76 1550 | | | .3 | | 31252 | | | 10. | 1. | 8. | | 0.0 | 12.0 | 2.8 | | |
| 06 04 76 1500 | | | .3 | | 31254 | | | 580. | 84. | 16. | | 6.0 | 11.0 | 1.4 | | |
| 25 05 76 1530 | | | .3 | | 31256 | | | 930. | 48. | 4. | | 14.0 | 10.0 | 7.0 | | |
| 22 06 76 1040 | | | .3 | | 31258 | | | 200. | | 1. | | 22.0 | 7.5 | 3.8 | | |
| 28 07 76 1050 | | | .3 | | 31261 | | | 280. | 64. | 116. | | 21.5 | 8.0 | 0.8 | | |
| 05 10 76 1115 | | | .3 | | 31262 | | | 1000. | 40. | 1. | | 14.6 | 6.8 | 2.6 | | |
| 17 11 76 1400 | | | .3 | | 31264 | | | 4300. | 56. | 48. | | 0.0 | 10.4 | 3.9 | | |
| 15 12 76 1120 | | | .3 | | 31266 | | | 15000. G | 600. G | 552. | | 0.0 | 8.6 | 1.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

21000.
905.* U
10.

365

9

800.
64.* U
1.

8

552.
19.*
1.

9

22.0
7.9
0.0

10

12.0
9.5
6.8

10

7.0
3.0
0.8

10

CONT'D

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1400 | | | .3 | | 0.060 | 0.001 | 0.200 | 1.900 | 0.003 | 0.100 | | | | |
| 09 | 03 | 76 | 1530 | | | .3 | | 0.053 | 0.001 | 0.520 | 2.300 | 0.012 | 0.798 | 270.0 | 7.8 | | 263 |
| 23 | 03 | 76 | 1550 | | | .3 | | 0.170 | 0.009 | 0.142 | 1.200 | 0.008 | 0.122 | 251.0 | 95.0 | | |
| 06 | 04 | 76 | 1500 | | | .3 | | 0.036 | 0.003 | 0.056 | 0.940 | 0.009 | 0.556 | 193.0 | 8.2 | | 185 |
| 25 | 05 | 76 | 1530 | | | .3 | | 0.051 | 0.001 | 0.540 | 1.490 | 0.003 | 0.022 | 240.0 | 19.0 | | |
| 22 | 06 | 76 | 1040 | | | .3 | | 0.111 | 0.010 | 0.690 | 2.150 | 0.053 | 0.117 | 271.0 | 11.0 | | |
| 28 | 07 | 76 | 1050 | | | .3 | | 0.036 | 0.004 | 0.036 | 1.160 | 0.003 | 0.005L | 253.0 | 9.4 | | |
| 05 | 10 | 76 | 1115 | | | .3 | | 0.050 | 0.002 | 0.308 | 1.600 | 0.005 | 0.045 | 252.0 | 15.0 | | |
| 17 | 11 | 76 | 1400 | | | .3 | | 0.050 | 0.002 | 1.150 | 2.250 | 0.005 | 0.265 | 1442.0 | 6.8 | | |
| 15 | 12 | 76 | 1120 | | | .3 | | 0.058 | 0.001 | 0.710 | 1.710 | 0.009 | 0.391 | 316.0 | 4.3 | | |
| MAXIMUM | | | | | | | | 0.170 | 0.010 | 1.150 | 2.300 | 0.053 | 0.798 | 1442.0 | 95.0 | | 263 |
| AVG OR GEOM MN (*) | | | | | | | | 0.068 | 0.003 | 0.435 | 1.670 | 0.011 | 0.242D | 387.6 | 19.6 | | 224 |
| MINIMUM | | | | | | | | 0.036 | 0.001 | 0.036 | 0.940 | 0.003 | 0.005 | 193.0 | 4.3 | | 185 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | | 2 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1400 | | | .3 | | 380 | 3.00 | 13.0 | | | | | | | |
| 09 | 03 | 76 | 1530 | | | .3 | | 405 | 2.40 | 15.5 | | | | | | | |
| 23 | 03 | 76 | 1550 | | | .3 | | 240 | 44.00 | 42.5 | | | | | | | |
| 06 | 04 | 76 | 1500 | | | .3 | | 290 | 4.10 | 7.1 | | | | | | | |
| 25 | 05 | 76 | 1530 | | | .3 | | 340 | 8.40 | 9.0 | | | | | | | |
| 22 | 06 | 76 | 1040 | | | .3 | | 443 | 5.40 | 15.5 | | | | | | | |
| 28 | 07 | 76 | 1050 | | | .3 | | 375 | 4.40 | 9.6 | | | | | | | |
| 05 | 10 | 76 | 1115 | | | .3 | | 365 | 6.50 | 12.5 | | | | | | | |
| 17 | 11 | 76 | 1400 | | | .3 | | 450 | 2.50 | 15.5 | | | | | | | |
| 15 | 12 | 76 | 1120 | | | .3 | | 480 | 2.00 | 17.0 | | | | | | | |
| MAXIMUM | | | | | | | | 480 | 44.00 | 42.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 377 | 8.27 | 15.7 | | | | | | | |
| MINIMUM | | | | | | | | 240 | 2.00 | 7.1 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: SCUGOG RIVER
SAMPLE POINT: HIGHWAY 7 B LINDSAY
STATION TYPE: RIVER

STATION ID: 17-0021-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 42 | LAT | LONG | U.T.M. 17 0681050.0 4912150.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 156.60 | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 20 | 01 | 76 | 1500 | | | .3 | | 31268 | | | 20. | 4. | 1. | | 0.0 | 10.0 | 2.0 |
| 09 | 03 | 76 | 1700 | | | .3 | | 31251 | | | | | | | 0.5 | 9.0 | 1.6 |
| 23 | 03 | 76 | 1630 | | | .3 | | 31253 | | | 240. | 20. | 56. | | 0.5 | 9.0 | 1.2 |
| 06 | 04 | 76 | 1630 | | | .3 | | 31255 | | | 4. | 1. | 4. | | 7.0 | 10.0 | 1.2 |
| 25 | 05 | 76 | 1640 | | | .3 | | 31257 | | | 190. | 24. | 1. | | 14.0 | 10.0 | 3.0 |
| 22 | 06 | 76 | 1120 | | | .3 | | 31259 | | | 1200. | | 308. | | 22.0 | 7.0 | 2.4 |
| 28 | 07 | 76 | 1000 | | | .3 | | 31260 | | | 160. | 1. | 10. L | | 21.5 | 7.8 | 0.8 |
| 05 | 10 | 76 | 1200 | | | .3 | | 31263 | | | 200. | 88. | 28. | | 15.1 | 8.2 | 2.2 |
| 17 | 11 | 76 | 1415 | | | .3 | | 31265 | | | 20. | 4. | 1. | | 1.0 | 11.0 | 2.1 |
| 15 | 12 | 76 | 1050 | | | .3 | | 31267 | | | 68. | 4. | 2. L | | 0.0 | 8.4 | 1.2 |
| MAXIMUM | | | | | | | | | | | 1200. | 88. | 308. | | 22.0 | 11.0 | 3.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 83.* | 6.* | 7.* D | | 8.2 | 9.0 | 1.8 |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 7.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 8 | 9 | | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1500 | | | .3 | | 0.027 | 0.003 | 0.300 | 1.300 | 0.003 | 0.090 | | | | |
| 09 | 03 | 76 | 1700 | | | .3 | | 0.041 | 0.001 | 0.174 | 1.090 | 0.012 | 0.798 | 268.0 | 11.0 | | 257 |
| 23 | 03 | 76 | 1630 | | | .3 | | 0.098 | 0.022 | 0.076 | 0.660 | 0.016 | 0.694 | 215.0 | 43.0 | | |
| 06 | 04 | 76 | 1630 | | | .3 | | 0.026 | 0.001L | 0.024 | 0.700 | 0.008 | 0.612 | 194.0 | 5.3 | | 189 |
| 25 | 05 | 76 | 1640 | | | .3 | | 0.047 | 0.001 | 0.054 | 1.280 | 0.002 | 0.005L | 219.0 | 17.0 | | |
| 22 | 06 | 76 | 1120 | | | .3 | | 0.054 | 0.003 | 0.040 | 1.080 | 0.003 | 0.005L | 256.0 | 19.0 | | |
| 28 | 07 | 76 | 1000 | | | .3 | | 0.088 | 0.011 | 0.098 | 1.360 | 0.002 | 0.005L | 305.0 | 15.0 | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 0.018 | 0.002 | 0.020 | 1.200 | 0.001 | 0.005L | 220.0 | 15.0 | | |
| 17 | 11 | 76 | 1415 | | | .3 | | 0.020 | 0.001 | 0.070 | 0.760 | 0.004 | 0.326 | 251.0 | 4.7 | | |
| 15 | 12 | 76 | 1050 | | | .3 | | 0.018 | 0.001 | 0.188 | 0.950 | 0.006 | 0.444 | 290.0 | 3.4 | | |
| MAXIMUM | | | | | | | | 0.098 | 0.022 | 0.300 | 1.360 | 0.016 | 0.798 | 305.0 | 43.0 | | 257 |
| AVG OR GEOM MN (*) | | | | | | | | 0.044 | 0.005D | 0.104 | 1.038 | 0.006 | 0.298D | 246.4 | 14.8 | | 223 |
| MINIMUM | | | | | | | | 0.018 | 0.001 | 0.020 | 0.660 | 0.001 | 0.005 | 194.0 | 3.4 | | 189 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | | 2 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1500 | | | .3 | | 325 | 3.00 | 11.0 | | | | | | | |
| 09 | 03 | 76 | 1700 | | | .3 | | 395 | 4.00 | 11.0 | | | | | | | |
| 23 | 03 | 76 | 1630 | | | .3 | | 265 | 23.00 | 42.0 | | | | | | | |
| 06 | 04 | 76 | 1630 | | | .3 | | 290 | 2.70 | 7.0 | | | | | | | |
| 25 | 05 | 76 | 1640 | | | .3 | | 310 | 6.90 | 8.6 | | | | | | | |
| 22 | 06 | 76 | 1120 | | | .3 | | 363 | 13.00 | 10.5 | | | | | | | |
| 28 | 07 | 76 | 1000 | | | .3 | | 450 | 5.60 | 18.5 | | | | | | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 315 | 5.50 | 10.0 | | | | | | | |
| 17 | 11 | 76 | 1415 | | | .3 | | 415 | 2.40 | 13.0 | | | | | | | |
| 15 | 12 | 76 | 1050 | | | .3 | | 430 | 2.00 | 12.5 | | | | | | | |

MAXIMUM 450 23.00 42.0
AVG OR GEOM MN (*) 356 6.81 14.4
MINIMUM 265 2.00 7.0

NO OF SAMPLES 10 10 10

B.O.W. / SITE: GULL RIVER
SAMPLE POINT: 1.3 MILES DOWNSTREAM FROM MINDEN
STATION TYPE: RIVER

STATION ID: 17-0021-043-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 43 LAT LONG U.T.M. 17 0677700.0 4975150.0 4 REGION 03 MILEAGE 187.60

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 23 | 06 | 76 | 1100 | | | .3 | | 28253 | 6 | | | | | | 23.5 | 5.0 | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

23.5 5.0 0.2
23.5 5.0 0.2
23.5 5.0 0.2

NO OF SAMPLES

1 1 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 23 | 06 | 76 | 1100 | | | .3 | | 0.025 | 0.001L | 0.010 | 2.130 | 0.002 | 0.073 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.025 0.001 0.010 2.130 0.002 0.073
0.025 0.001D 0.010 2.130 0.002 0.073
0.025 0.001 0.010 2.130 0.002 0.073

NO OF SAMPLES

1 1 1 1 1 1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 23 | 06 | 76 | 1100 | | | .3 | | 64 | 1.30 | 1.8 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

64 1.30 1.8
64 1.30 1.8
64 1.30 1.8

NO OF SAMPLES

1 1 1

B.O.W. / SITE: GULL RIVER
SAMPLE POINT: AT HIGHWAY NO 35 1 MILE UPSTREAM FROM MINDEN
STATION TYPE: RIVER

STATION ID: 17-0021-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 44 LAT LONG U.T.M. 17 0680400.0 4978825.0 4 REGION 03 MILEAGE 191.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 23 | 06 | 76 | 1035 | | | .3 | | 28252 | 6 | | | | | | 23.5 | 6.0 | 2.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

23.5 6.0 2.4
23.5 6.0 2.4
23.5 6.0 2.4

NO OF SAMPLES

1 1 1

B.O.W./ SITE: COLD CREEK
 SAMPLE POINT: HIGHWAY 33 BRIDGE IN FRANKFORD
 STATION TYPE: RIVER FLOW GAUGE MOE 02HK108

STATION ID: 17-0021-046-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 46 | LAT | LONG | U.T.M. 18 0292500.0 4897250.0 4 | | | | | | | | REGION 04 | MILEAGE | 7.50 | | |
|--------------------|-----------|----------|---------------|---------------------------------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 10 | 03 | 76 | 0855 | | .3 | | 18002 | 6 | | 200. | 10. | 10. | L | 0.0 | 12.0 | 0.4 |
| 21 | 04 | 76 | 0910 | | .3 | | 18008 | 6 | | 60. | 4. | 1. | | 15.0 | 12.0 | 0.8 |
| 14 | 06 | 76 | 1047 | | .3 | | 18013 | 6 | | 300. | 28. | 1. | | 21.0 | 10.0 | |
| 31 | 08 | 76 | 1042 | | .3 | | 18020 | 6 | | 56. | 8. | 1. | | 15.0 | 12.0 | |
| 04 | 10 | 76 | 1005 | | .3 | | 18025 | 6 | | 108. | 16. | 12. | | 12.0 | 11.0 | 0.8 |
| 02 | 11 | 76 | 1155 | | .3 | | 18030 | 6 9 | | 100. | 28. | 20. | | 2.0 | 12.0 | 0.7 |
| 07 | 12 | 76 | 0940 | | .3 | | 18034 | 6 | | 128. | 32. | 4. | | 0.0 | 12.0 | |
| MAXIMUM | | | | | | | | | | 300. | 32. | 20. | | 21.0 | 12.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 116.* | 14.* | 4.* D | | 9.3 | 11.6 | 0.7 |
| MINIMUM | | | | | | | | | | 56. | 4. | 1. | | 0.0 | 10.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | 7 | | 7 | 7 | 4 |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 10 | 03 | 76 | 0855 | | .3 | | 0.026 | 0.010 | 0.016 | 0.410 | 0.004 | 0.686 | | | | |
| 21 | 04 | 76 | 0910 | | .3 | | 0.024 | 0.005 | 0.012 | 0.400 | 0.004 | 0.061 | | | | |
| 14 | 06 | 76 | 1047 | | .3 | | 0.070 | 0.016 | 0.024 | 0.600 | 0.008 | 0.107 | | | | |
| 31 | 08 | 76 | 1042 | | .3 | | 0.011 | 0.002 | 0.014 | 0.240 | 0.001 | 0.005L | | | | |
| 04 | 10 | 76 | 1005 | | .3 | | 0.020 | 0.003 | 0.004 | 0.280 | 0.003 | 0.087 | | | | |
| 02 | 11 | 76 | 1155 | | .3 | | 0.027 | 0.007 | 0.008 | 0.410 | 0.003 | 0.027 | | | | |
| 07 | 12 | 76 | 0940 | | .3 | | 0.021 | 0.003 | 0.044 | 0.350 | 0.007 | 0.713 | | | | |
| MAXIMUM | | | | | | | 0.070 | 0.016 | 0.044 | 0.600 | 0.008 | 0.713 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.028 | 0.007 | 0.017 | 0.384 | 0.004 | 0.241D | | | | |
| MINIMUM | | | | | | | 0.011 | 0.002 | 0.004 | 0.240 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | | |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 10 | 03 | 76 | 0855 | | .3 | | 370 | 1.50 | 7.4 | | | | | | | |
| 21 | 04 | 76 | 0910 | | .3 | | 380 | 1.50 | 7.0 | | | | | | | |
| 14 | 06 | 76 | 1047 | | .3 | | 374 | | 5.6 | | | | | | | |
| 31 | 08 | 76 | 1042 | | .3 | | | | 5.3 | | | | | | | |
| 04 | 10 | 76 | 1005 | | .3 | | 400 | 1.60 | 5.9 | | | | | | | |
| 02 | 11 | 76 | 1155 | | .3 | | 420 | 4.60 | 7.5 | | | | | | | |
| 07 | 12 | 76 | 0940 | | .3 | | 460 | | 7.3 | | | | | | | |
| MAXIMUM | | | | | | | 460 | 4.60 | 7.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 401 | 2.30 | 6.6 | | | | | | | |
| MINIMUM | | | | | | | 370 | 1.50 | 5.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | 6 | 4 | 7 | | | | | | | |

B.O.W./ SITE: RAWDON CREEK
 SAMPLE POINT: AT HIGHWAY NO 33 1 MILE SOUTH OF STIRLING
 STATION TYPE: RIVER FLOW GAUGE MOE 02HK105

STATION ID: 17-0021-047-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 47 | LAT | LONG | U.T.M. 18 0296250.0 4906650.0 4 | | | | REGION 04 | MILEAGE | 15.40 | | | | | | |
|--------------------|-----------|----------|---------------|---------------------------------|-----------------|----|---------------|-----------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 10 | 03 | 76 | 0915 | | .3 | | 18003 | 6 | | 800. | 10. | L | 20. | 0.0 | 12.0 | 0.8 |
| 21 | 04 | 76 | 0925 | | .3 | | 18009 | 6 | | 100. | 4. | | 8. | 12.5 | 11.0 | 0.8 |
| 14 | 06 | 76 | 1105 | | .3 | | 18014 | 6 8 | | 120. | 1. | | 4. | 20.0 | 9.0 | |
| 31 | 08 | 76 | 1107 | | .3 | | 18021 | 8 6 | | 60. | 8. | | 1. | 16.0 | 8.0 | |
| 04 | 10 | 76 | 1025 | | .3 | | 18026 | 6 | | 190. | 14. | | 18. | 11.0 | 9.0 | 0.8 |
| 02 | 11 | 76 | 1230 | | .3 | | 18031 | 6 | | 350. | 12. | | 8. | 3.0 | 8.0 | 0.7 |
| 07 | 12 | 76 | 0950 | | .3 | | 18035 | 4 6 | | 310. | 22. | | 8. | 0.0 | 9.0 | |
| MAXIMUM | | | | | | | | | | 800. | 22. | | 20. | 20.0 | 12.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 198.* | 7.* D | | 7.* | 8.9 | 9.4 | 0.8 |
| MINIMUM | | | | | | | | | | 60. | 1. | | 1. | 0.0 | 8.0 | 0.7 |
| NO OF SAMPLES | | | | | | | | | | 7 | 7 | | 7 | 7 | 7 | 4 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 03 | 76 | 0915 | | | .3 | | 0.029 | 0.008 | 0.020 | 0.460 | 0.006 | 0.664 | | | | |
| 21 | 04 | 76 | 0925 | | | .3 | | 0.023 | 0.004 | 0.004 | 0.460 | 0.005 | 0.125 | | | | |
| 14 | 06 | 76 | 1105 | | | .3 | | 0.030 | 0.007 | 0.024 | 0.560 | 0.006 | 0.109 | | | | |
| 31 | 08 | 76 | 1107 | | | .3 | | 0.023 | 0.002 | 0.024 | 0.500 | 0.004 | 0.006 | | | | |
| 04 | 10 | 76 | 1025 | | | .3 | | 0.022 | 0.004 | 0.006 | 0.450 | 0.003 | 0.087 | | | | |
| 02 | 11 | 76 | 1230 | | | .3 | | 0.010 | 0.002 | 0.004 | 0.430 | 0.003 | 0.247 | | | | |
| 07 | 12 | 76 | 0950 | | | .3 | | 0.012 | 0.002 | 0.018 | 0.430 | 0.004 | 0.606 | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|--|--|--|--|
| MAXIMUM | | | | | | | | 0.030 | 0.008 | 0.024 | 0.560 | 0.006 | 0.664 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.021 | 0.004 | 0.014 | 0.470 | 0.004 | 0.263 | | | | |
| MINIMUM | | | | | | | | 0.010 | 0.002 | 0.004 | 0.430 | 0.003 | 0.006 | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 0915 | | | .3 | | 395 | 2.50 | 8.6 | | | | | | | |
| 21 | 04 | 76 | 0925 | | | .3 | | 405 | 4.80 | 7.0 | | | | | | | |
| 14 | 06 | 76 | 1105 | | | .3 | | 407 | | 7.2 | | | | | | | |
| 31 | 08 | 76 | 1107 | | | .3 | | | | 12.0 | | | | | | | |
| 04 | 10 | 76 | 1025 | | | .3 | | 435 | 1.20 | 10.0 | | | | | | | |
| 02 | 11 | 76 | 1230 | | | .3 | | 455 | 2.20 | 9.5 | | | | | | | |
| 07 | 12 | 76 | 0950 | | | .3 | | 520 | | 12.0 | | | | | | | |
| MAXIMUM | | | | | | | | 520 | 4.80 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 436 | 2.68 | 9.5 | | | | | | | |
| MINIMUM | | | | | | | | 395 | 1.20 | 7.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | 4 | 7 | | | | | | | |

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: CROWE BRIDGE NEAR HEALEY FALLS
STATION TYPE: RIVER

STATION ID: 17-0021-048-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 48 | LAT | | | LONG | | | U.T.M. 18 0277999.0 4917250.0 4 | | | | REGION 03 | | MILEAGE | | 38.10 | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 905 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 04 | 10 | 76 | 1110 | | | .3 | | 18027 | 6 | | 110. | 8. | 0. | | 13.0 | 11.0 | 1.0 | |
| 02 | 11 | 76 | 1325 | | | .3 | | 18032 | 6 | | 10. | 1. | 1. | | 3.0 | 11.0 | 0.6 | |
| 07 | 12 | 76 | 1035 | | | .3 | | 18036 | 6 | | 24. | 2. | 4. | | 0.0 | 12.0 | | |
| MAXIMUM | | | | | | | | | | | 110. | 8. | 4. | | 13.0 | 12.0 | 1.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 30.* | 3.* | D | 2.* | | 5.3 | 11.3 | 0.8 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 0. | | 0.0 | 11.0 | 0.6 | |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | 3 | 2 | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 10 | 76 | 1110 | | | .3 | | 0.013 | 0.001 | 0.002 | 0.330 | 0.001 | 0.005L | | | | |
| 02 | 11 | 76 | 1325 | | | .3 | | 0.008 | 0.002 | 0.004 | 0.350 | 0.001 | 0.009 | | | | |
| 07 | 12 | 76 | 1035 | | | .3 | | 0.007 | 0.001 | 0.006 | 0.310 | 0.001 | 0.024 | | | | |
| MAXIMUM | | | | | | | | 0.013 | 0.002 | 0.006 | 0.350 | 0.001 | 0.024 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.009 | 0.001 | 0.004 | 0.330 | 0.001 | 0.013D | | | | |
| MINIMUM | | | | | | | | 0.007 | 0.001 | 0.002 | 0.310 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 10 | 76 | 1110 | | | .3 | | 180 | 0.70 | 3.1 | | | | | | | |
| 02 | 11 | 76 | 1325 | | | .3 | | 175 | 1.00 | 3.0 | | | | | | | |
| 07 | 12 | 76 | 1035 | | | .3 | | 185 | | 2.6 | | | | | | | |
| MAXIMUM | | | | | | | | 185 | 1.00 | 3.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 180 | 0.85 | 2.9 | | | | | | | |
| MINIMUM | | | | | | | | 175 | 0.70 | 2.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 2 | 3 | | | | | | | |

B.O.W./ SITE: MISSISSAUGA RIVER
 SAMPLE POINT: HIGHWAY 36 1 MILE NORTH OF BUCKHORN
 STATION TYPE: RIVER FLOW GAUGE FED 02HH002

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STATION ID: 17-0021-052-02

STORET CODE: 02
 004
 1220

| STN NO | 52 | LAT | LONG | U.T.M. 17 0711200.0 4937750.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 122.80 |
|---------|--------|-------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1000 | | .3 | | 27054 | 6 | 99.40 | | | | | | | |
| 18 | 03 | 76 | 1020 | | .3 | | 27120 | 6 | 244.00 | | | | | 0.0 | 11.6 | 0.4 |
| 29 | 04 | 76 | 1015 | | .3 | | 27206 | 6 | 195.00 | 20. | 4. | 1. | | 0.5 | 11.2 | 1.0 |
| 10 | 06 | 76 | 1115 | | .3 | | 27294 | 6 | 88.80 | 230. | | 1. | | 8.8 | 9.6 | 0.4 |
| 29 | 07 | 76 | 1325 | | .3 | | 27385 | 6 | 244.00 | | | 1. | | | | 1.0 |
| 26 | 08 | 76 | 1345 | | .3 | | 27444 | 6 | 186.00 | 210. | 28. | 6. | | 20.5 | 14.0 | 0.8 |
| 30 | 09 | 76 | 1030 | | .3 | | 27508 | 6 | 105.00 | 70. | 10. | 64. | | 23.2 | 11.2 | 1.8 |
| 28 | 10 | 76 | 1005 | | .3 | | 27572 | 6 | 80.80 | 190. | 6. | 42. | | 12.0 | 12.6 | 0.4 |
| 24 | 11 | 76 | 1000 | | .3 | | 27629 | 6 | 58.00 | | | | | 4.8 | 13.2 | 0.9 |
| | | | | | | | | | | | | | | 0.2 | 13.4 | 1.8 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 22 | 01 | 76 | 1000 | | .3 | | 0.002 | 0.001L | 0.030 | 0.340 | 0.002 | 0.180 | | | | |
| 18 | 03 | 76 | 1020 | | .3 | | 0.007 | 0.001 | 0.026 | 0.270 | 0.003 | 0.167 | | | | |
| 29 | 04 | 76 | 1015 | | .3 | | 0.002 | 0.002 | 0.016 | 0.250 | 0.002 | 0.133 | | | | |
| 10 | 06 | 76 | 1115 | | .3 | | 0.013 | 0.002 | 0.002L | 0.370 | 0.002 | 0.028 | | | | |
| 29 | 07 | 76 | 1325 | | .3 | | 0.047 | 0.001 | 0.008 | 0.640 | 0.002 | 0.013 | | | | |
| 26 | 08 | 76 | 1345 | | .3 | | 0.027 | 0.001 | 0.004 | 0.500 | 0.001L | 0.005L | | | | |
| 30 | 09 | 76 | 1030 | | .3 | | 0.002 | 0.001 | 0.006 | 0.290 | 0.002 | 0.038 | | | | |
| 28 | 10 | 76 | 1005 | | .3 | | 0.019 | 0.006 | 0.022 | 0.550 | 0.003 | 0.047 | | | | |
| 24 | 11 | 76 | 1000 | | .3 | | 0.006 | 0.001 | 0.004 | 0.240 | 0.001 | 0.134 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 22 | 01 | 76 | 1000 | | .3 | | 68 | 1.50 | 0.9 | | | | | | | |
| 18 | 03 | 76 | 1020 | | .3 | | 60 | 0.80 | 1.1 | | | | | | | |
| 29 | 04 | 76 | 1015 | | .3 | | 60 | 0.60 | 1.0 | | | | | | | |
| 10 | 06 | 76 | 1115 | | .3 | | 66 | 0.90 | 0.9 | | | | | | | |
| 29 | 07 | 76 | 1325 | | .3 | | 190 | 5.5 | 4.6 | | | | | | | |
| 26 | 08 | 76 | 1345 | | .3 | | 190 | 2.90 | 4.5 | | | | | | | |
| 30 | 09 | 76 | 1030 | | .3 | | 64 | 0.90 | 0.8 | | | | | | | |
| 28 | 10 | 76 | 1005 | | .3 | | 350 | 1.40 | 14.5 | | | | | | | |
| 24 | 11 | 76 | 1000 | | .3 | | 66 | 1.50 | 0.8 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: BALSAM LAKE OUTLET
 SAMPLE POINT: AT ROSEDALE DAM
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STATION ID: 17-0021-054-02

STORET CODE: 02
 004
 1220

| STN NO | 54 | LAT | LONG | U.T.M. 17 0675800.0 4937775.0 4 | | | | | | | | | | REGION 03 | | MILEAGE 159.00 | |
|--------------------|--------|-------|------|---------------------------------|---------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1335 | | | .3 | | 27060 | 6 | | | | | | 0.0 | 10.2 | 0.8 |
| 18 | 03 | 76 | 1320 | | | .3 | | 27126 | 6 | | | | | | 2.0 | 10.3 | 0.8 |
| 29 | 04 | 76 | 1350 | | | .3 | | 27212 | 6 | | 10. L | 1. | 1. | | 10.0 | 9.2 | 0.6 |
| 10 | 06 | 76 | 1408 | | | .3 | | 27300 | 6 | | 16. | | 12. | | | | 0.7 |
| 29 | 07 | 76 | 1545 | | | .3 | | 27391 | 6 | | | | | | 22.0 | 14.0 | 0.6 |
| 26 | 08 | 76 | 1700 | | | .3 | | 27450 | 6 | | 130. | 10. | 1. | | 24.0 | 12.6 | 1.6 |
| 30 | 09 | 76 | 1320 | | | .3 | | 27514 | 8 6 | | 30. | 1. | 6. | | 14.2 | 13.4 | 0.8 |
| 28 | 10 | 76 | 1330 | | | .3 | | 27578 | 6 | | 80. | 6. | 8. | | 4.5 | 13.0 | 1.1 |
| 25 | 11 | 76 | 1340 | | | .3 | | 27635 | 4 | | 28. | 2. | 1. | | 0.2 | 10.9 | 2.5 |
| | | | | | | | | | | | 130. | 10. | 12. | | 24.0 | 14.0 | 2.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 33.* D | 3.* | 3.* | | 9.6 | 11.7 | 1.1 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.0 | 9.2 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 6 | 5 | 6 | | 8 | 8 | 9 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 22 | 01 | 76 | 1335 | | | .3 | 0.008 | 0.001 | 0.020 | 0.360 | 0.002 | 0.090 | | | | |
| 18 | 03 | 76 | 1320 | | | .3 | 0.010 | 0.001 | 0.020 | 0.240 | 0.002 | 0.153 | | | | |
| 29 | 04 | 76 | 1350 | | | .3 | 0.008 | 0.001 | 0.010 | 0.310 | 0.002 | 0.083 | | | | |
| 10 | 06 | 76 | 1408 | | | .3 | 0.010 | 0.002 | 0.006 | 0.290 | 0.001 | 0.005L | | | | |
| 29 | 07 | 76 | 1545 | | | .3 | 0.020 | 0.001L | 0.004 | 0.440 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1700 | | | .3 | 0.025 | 0.001 | 0.004 | 0.460 | 0.002 | 0.005L | | | | |
| 30 | 09 | 76 | 1320 | | | .3 | 0.008 | 0.001 | 0.004 | 0.280 | 0.001 | 0.005L | | | | |
| 28 | 10 | 76 | 1330 | | | .3 | 0.013 | 0.002 | 0.008 | 0.380 | 0.002 | 0.003 | | | | |
| 25 | 11 | 76 | 1340 | | | .3 | 0.012 | 0.001 | 0.006 | 0.210 | 0.001 | 0.019 | | | | |

MAXIMUM 0.025 0.002 0.020 0.460 0.002 0.153
 AVG OR GEOM MN (*) 0.013 0.0010 0.009 0.330 0.002 0.0410
 MINIMUM 0.008 0.001 0.004 0.210 0.001 0.003

NO OF SAMPLES 9 9 9 9 9 9

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 22 | 01 | 76 | 1335 | | | .3 | 100 | 2.00 | 2.2 | | | | | | | |
| 18 | 03 | 76 | 1320 | | | .3 | 96 | 0.95 | 2.5 | | | | | | | |
| 29 | 04 | 76 | 1350 | | | .3 | 115 | 0.80 | 2.5 | | | | | | | |
| 10 | 06 | 76 | 1408 | | | .3 | 124 | 0.85 | 2.7 | | | | | | | |
| 29 | 07 | 76 | 1545 | | | .3 | 183 | 2.2 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1700 | | | .3 | 188 | 2.20 | 4.3 | | | | | | | |
| 30 | 09 | 76 | 1320 | | | .3 | 108 | 0.80 | 2.1 | | | | | | | |
| 28 | 10 | 76 | 1330 | | | .3 | 185 | 1.40 | 4.2 | | | | | | | |
| 25 | 11 | 76 | 1340 | | | .3 | 108 | 1.60 | 2.3 | | | | | | | |

MAXIMUM 188 2.2 4.3
 AVG OR GEOM MN (*) 134 1.42 3.0
 MINIMUM 96 0.80 2.1

NO OF SAMPLES 9 9 9

B.O.W./ SITE: TRENT RIVER
 SAMPLE POINT: AT HEALEY FALLS DAM
 STATION TYPE: RIVER FLOW GAUGE FED 02HK002

STATION ID: 17-0021-057-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

STN NO 57 LAT LONG U.T.M. 18 0277995.0 4917250.0 4 REGION 03 MILEAGE 39.30

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|---------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 21 | 01 | 76 | 1120 | | | .3 | 27047 | 4 | 4070.00 | 10. L | 10. L | 10. | | 0.5 | 11.4 | 0.8 |
| 17 | 03 | 76 | 1030 | | | .3 | 27113 | 6 | 5450.00 | | | | | 1.0 | 10.8 | 0.8 |
| 28 | 04 | 76 | 1030 | | | .3 | 27199 | 6 | 5260.00 | 32. | 1. | 1. | | 10.0 | 9.7 | 1.8 |
| 09 | 06 | 76 | 1325 | | | .3 | 27288 | 6 | 1470.00 | 1. | | 1. | | | | 1.0 |
| 29 | 07 | 76 | 1015 | | | .3 | 27379 | 6 | 814.00 | | | | | 22.4 | 14.0 | 6.5 |
| 26 | 08 | 76 | 1005 | | | .3 | 27438 | 6 | 901.00 | 4. | 1. | 80. | | 24.5 | 12.8 | 4.0 |
| 31 | 08 | 76 | 1250 | | | .3 | 18022 | 6 | 1120.00 | 20. | 4. | 1. | | 19.0 | 8.0 | |
| 29 | 09 | 76 | 1400 | | | .3 | 27502 | 6 | 1890.00 | 24. | 1. | 1. | | 14.0 | 13.4 | 3.8 |
| 27 | 10 | 76 | 1325 | | | .3 | 27566 | 6 | 2010.00 | 4. | 1. | 1. | | 4.8 | 12.9 | 4.7 |
| 24 | 11 | 76 | 1040 | | | .3 | 27625 | 6 | 1760.00 | 48. | 1. | 1. | | 1.0 | 10.8 | 2.0 |

MAXIMUM 5450.00 48. 10. 80. 24.5 14.0 6.5
 AVG OR GEOM MN (*) 2474.50 10.* D 2.* D 2.* 10.8 11.5 2.8
 MINIMUM 814.00 1. 1. 1. 0.5 8.0 0.8

NO OF SAMPLES 10 8 7 8 9 9 9

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 21 | 01 | 76 | 1120 | | | .3 | 0.017 | 0.001 | 0.040 | 0.500 | 0.004 | 0.085 | | | | |
| 17 | 03 | 76 | 1030 | | | .3 | 0.021 | 0.002 | 0.060 | 0.460 | 0.006 | 0.264 | | | | |
| 28 | 04 | 76 | 1030 | | | .3 | 0.032 | 0.002 | 0.002L | 0.490 | 0.004 | 0.076 | | | | |
| 09 | 06 | 76 | 1325 | | | .3 | 0.015 | 0.002 | 0.006 | 0.330 | 0.001 | 0.005L | | | | |
| 29 | 07 | 76 | 1015 | | | .3 | 0.050 | 0.002 | 0.008 | 0.930 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1005 | | | .3 | 0.048 | 0.002 | 0.010 | 0.920 | 0.001 | 0.005L | | | | |
| 31 | 08 | 76 | 1250 | | | .3 | 0.008 | 0.002 | 0.002 | 0.290 | 0.001 | 0.005L | | | | |
| 29 | 09 | 76 | 1400 | | | .3 | 0.022 | 0.007 | 0.004 | 0.350 | 0.001L | 0.005L | | | | |
| 27 | 10 | 76 | 1325 | | | .3 | 0.040 | 0.014 | 0.002L | 0.740 | 0.003 | 0.005L | | | | |
| 24 | 11 | 76 | 1040 | | | .3 | 0.020 | 0.001 | 0.018 | 0.500 | 0.002 | 0.013 | | | | |

MAXIMUM 0.050 0.014 0.060 0.930 0.006 0.264
 AVG OR GEOM MN (*) 0.027 0.004 0.0150 0.551 0.002D 0.047D
 MINIMUM 0.008 0.001 0.002 0.290 0.001 0.005

NO OF SAMPLES 10 10 10 10 10 10

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1120 | | | .3 | | 240 | 1.50 | 6.9 | | | | | | | |
| 17 | 03 | 76 | 1030 | | | .3 | | 270 | 1.10 | 8.0 | | | | | | | |
| 28 | 04 | 76 | 1030 | | | .3 | | 210 | 2.10 | 5.3 | | | | | | | |
| 09 | 06 | 76 | 1325 | | | .3 | | 210 | 1.9 | 5.2 | | | | | | | |
| 29 | 07 | 76 | 1015 | | | .3 | | 213 | 5.5 | 5.4 | | | | | | | |
| 26 | 08 | 76 | 1005 | | | .3 | | 210 | 6.90 | 5.7 | | | | | | | |
| 31 | 08 | 76 | 1250 | | | .3 | | | | 3.0 | | | | | | | |
| 29 | 09 | 76 | 1400 | | | .3 | | 215 | 7.20 | 5.2 | | | | | | | |
| 27 | 10 | 76 | 1325 | | | .3 | | 225 | 5.40 | 5.6 | | | | | | | |
| 24 | 11 | 76 | 1040 | | | .3 | | 230 | 2.20 | 5.7 | | | | | | | |
| MAXIMUM | | | | | | | | 270 | 7.20 | 8.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 225 | 3.76 | 5.6 | | | | | | | |
| MINIMUM | | | | | | | | 210 | 1.10 | 3.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | | | | | | | |

B.O.W. / SITE: FARREL CREEK
SAMPLE POINT: AT DYNO ROAD DOWNSTREAM FROM DYNO MINE TAILINGS 78 1
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER
STATION ID: 17-0021-058-02
STORET CODE: 02
004
1220

| STN NO | 58 | LAT | LONG | U.T.M. 17 0728955.0 4980150.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 155.20 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 31 | 03 | 76 | 1515 | | | .3 | * | 17136 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1220 | | | .3 | | 17242 | 6 | | | | | | | | |
| 16 | 06 | 76 | 1755 | | | .3 | | 17275 | 6 | | | | | | | | |
| 12 | 08 | 76 | 1245 | | | .3 | | 17361 | | | | | | | | | |
| 15 | 09 | 76 | 1620 | | | .3 | | 17407 | | | | | | | | | |
| 27 | 10 | 76 | 1520 | | | .3 | | 17455 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 31 | 03 | 76 | 1515 | | | .3 | | | | | | | | | | | 23 |
| 25 | 05 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1755 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1245 | | | .3 | | | | | | | | 233.0 | | | |
| 15 | 09 | 76 | 1620 | | | .3 | | | | | | | | 275.0 | | | |
| 27 | 10 | 76 | 1520 | | | .3 | | | | | | | | 217.0 | | | |
| MAXIMUM | | | | | | | | | | | | | | 275.0 | | | 23 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 241.7 | | | 23 |
| MINIMUM | | | | | | | | | | | | | | 217.0 | | | 23 |
| NO OF SAMPLES | | | | | | | | | | | | | | 3 | | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 31 | 03 | 76 | 1515 | | | .3 | | 33 | 0.90 | | 85.0 | | 5.2 | | 6.10 | 0.30 | |
| 22 | 07 | 76 | 1115 | | | .3 | | 355 | 1.10 | | 145.0 | | | 5 | 6.63 | | 0.330 |
| 12 | 08 | 76 | 1245 | | | .3 | | 355 | 0.85 | | 130.0 | | 5.0 | | 7.00 | | 0.140 |
| 15 | 09 | 76 | 1620 | | | .3 | | 400 | 0.80 | | 144.0 | | 4.8 | | 7.10 | | |
| 27 | 10 | 76 | 1520 | | | .3 | | 330 | 0.90 | | | | 6.8 | | 6.91 | | 0.100 |
| MAXIMUM | | | | | | | | 400 | 1.10 | | 145.0 | | 6.8 | 5 | 7.10 | 0.30 | 0.330 |
| AVG OR GEOM MN (*) | | | | | | | | 295 | 0.91 | | 126.0 | | 5.5 | 5 | 6.75 | 0.30 | 0.190 |
| MINIMUM | | | | | | | | 33 | 0.80 | | 85.0 | | 4.8 | 5 | 6.10 | 0.30 | 0.100 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | | 4 | | 4 | 1 | 5 | 1 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 31 | 03 | 76 | 1515 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1620 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1520 | | | .3 | | | | | 0.10 | | | | | | |
| MAXIMUM | | | | | | | | | | | 0.10 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.10 | | | | | | |
| MINIMUM | | | | | | | | | | | 0.10 | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 1 | | | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 03 | 76 | 1515 | | | .3 | | 0.001L | | | | | | | | | |
| 25 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | 0.042 | |
| 16 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1115 | | | .3 | | 0.001L | | | | | | | | | |
| 12 | 08 | 76 | 1245 | | | .3 | | 0.001L | | | | | | | | 0.670 | |
| 15 | 09 | 76 | 1620 | | | .3 | | 0.001L | | | | | | | | | |
| 27 | 10 | 76 | 1520 | | | .3 | | 0.001L | | | | | | | | 0.400 | |
| 24 | 11 | 76 | 1535 | | | .3 | | 0.001L | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | | | | | | 0.670 | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | 0.371 | |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | | 3 | |

B.O.W. / SITE: PAUDASH LAKE
SAMPLE POINT: INLET BAY NEAR MOUTH OF DEER CREEK 75 1
STATION TYPE: LAKE

STATION ID: 17-0021-059-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 59 LAT LONG U.T.M. 17 0734400.0 4985175.0 4 REGION 03 MILEAGE 113.30

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------|--------------------------------|--------------------------|---------------------------|
| 31 | 03 | 76 | 1400 | | | .3 | | 17184 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1200 | | | .3 | | 17240 | 5 | | | | | | | | |
| 16 | 06 | 76 | 1730 | | | .3 | | 17273 | 5 | | | | | | | | |
| 22 | 07 | 76 | 1045 | | | .3 | | 17317 | 5 | | | | | | | | |
| 12 | 08 | 76 | 1220 | | | .3 | | 17359 | | | | | | | | | |
| 15 | 09 | 76 | 1525 | | | .3 | | 17405 | | | | | | | | | |
| 27 | 10 | 76 | 1445 | | | .3 | | 17453 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 31 | 03 | 76 | 1400 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1730 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1525 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1445 | | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 31 | 03 | 76 | 1400 | | | .3 | | 100 | 1.00 | | 13.5 | | 4.2 | | 7.00 | 0.35 | |
| 22 | 07 | 76 | 1045 | | | .3 | | 190 | 2.10 | | 10.5 | | | 8 | 7.24 | | |
| 12 | 08 | 76 | 1220 | | | .3 | | 203 | 2.10 | | 10.0 | | 5.9 | | 7.68 | | 1.700 |
| 15 | 09 | 76 | 1525 | | | .3 | | 185 | 2.40 | | 6.5 | | 9.5 | | 7.48 | | 1.000 |
| 27 | 10 | 76 | 1445 | | | .3 | | 136 | 2.00 | | | | 7.3 | | 7.18 | | 0.600 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 31 | 03 | 76 | 1400 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1525 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1445 | | | .3 | | | | | 0.06 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|--------------------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 31 | 03 | 76 | 1400 | | | .3 | 0.001L | | | | | | | | 0.056 | |
| 22 | 07 | 76 | 1045 | | | .3 | 0.001L | | | | | | | | 0.182 | |
| 12 | 08 | 76 | 1220 | | | .3 | 0.001L | | | | | | | | 0.150 | |
| 15 | 09 | 76 | 1525 | | | .3 | 0.001L | | | | | | | | 0.220 | |
| 27 | 10 | 76 | 1445 | | | .3 | 0.001L | | | | | | | | | |
| 24 | 11 | 76 | 1500 | | | .3 | 0.001L | | | | | | | | | |
| MAXIMUM | | | | | | | 0.001 | | | | | | | | 0.220 | |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | | | | | | | | 0.152 | |
| MINIMUM | | | | | | | 0.001 | | | | | | | | 0.056 | |
| NO OF SAMPLES | | | | | | | 6 | | | | | | | | 4 | |

B.O.W./ SITE: DEER CREEK
SAMPLE POINT: DOWNSTREAM FROM BICROFT MINE TAILINGS 74 1
STATION TYPE: RIVER FLOW GAUGE MOE 02HK104

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STATION ID: 17-0021-060-02

STORET CODE: 02
004
1220

STN NO 60 LAT LONG U.T.M. 17 0733825.0 4985800.0 4 REGION 03 MILEAGE 113.80

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | |
| 31 | 03 | 76 | 1340 | | | .3 | 17183 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1150 | | | .3 | 17239 | 5 | | | | | | | | |
| 16 | 06 | 76 | 1720 | | | .3 | 17272 | 5 | | | | | | | | |
| 22 | 07 | 76 | 1035 | | | .3 | 17316 | 5 | | | | | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | 17358 | | | | | | | | | |
| 15 | 09 | 76 | 1515 | | | .3 | 17404 | | | | | | | | | |
| 27 | 10 | 76 | 1430 | | | .3 | 17452 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 31 | 03 | 76 | 1340 | | | .3 | | | | | | | | | | |
| 25 | 05 | 76 | 1150 | | | .3 | | | | | | | | | | |
| 16 | 06 | 76 | 1720 | | | .3 | | | | | | | | | | |
| 22 | 07 | 76 | 1035 | | | .3 | | | | | | | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | | | | | | | | | | |
| 15 | 09 | 76 | 1515 | | | .3 | | | | | | | 77.0 | | | |
| 27 | 10 | 76 | 1430 | | | .3 | | | | | | | 81.0 | | | |
| | | | | | | | | | | | | | 88.0 | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 31 | 03 | 76 | 1340 | | | .3 | 62 | 0.85 | | 14.0 | | 3.2 | | 6.70 | 0.35 | |
| 22 | 07 | 76 | 1035 | | | .3 | 100 | 1.30 | | 29.0 | | | 4 | 6.59 | | 0.460 |
| 12 | 08 | 76 | 1215 | | | .3 | 108 | 1.70 | | 30.5 | | 8.0 | | 6.99 | | 0.950 |
| 15 | 09 | 76 | 1515 | | | .3 | 136 | 0.90 | | 41.5 | | 6.5 | | 6.50 | | |
| 27 | 10 | 76 | 1430 | | | .3 | 148 | 1.50 | | | | 3.2 | | 6.69 | | 0.380 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|---------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 31 | 03 | 76 | 1340 | | | .3 | | | | | | | | | | |
| 22 | 07 | 76 | 1035 | | | .3 | | | | | | | | | | |
| 12 | 08 | 76 | 1215 | | | .3 | | | | | | | | | | |
| 15 | 09 | 76 | 1515 | | | .3 | | | | | | | | | | |
| 27 | 10 | 76 | 1430 | | | .3 | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 03 | 76 | 1430 | | | .3 | | 0.001L | | | | | | | | | |
| 25 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | 0.056 | |
| 16 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1100 | | | .3 | | 0.001L | | | | | | | | | |
| 12 | 08 | 76 | 1230 | | | .3 | | 0.001L | | | | | | | | 0.460 | |
| 15 | 09 | 76 | 1555 | | | .3 | | | | | | | | | | 0.300 | |
| 27 | 10 | 76 | 1500 | | | .3 | | 0.001L | | | | | | | | 0.186 | |
| 24 | 11 | 76 | 1515 | | | .3 | | 0.001L | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.0010 | | | | | | | | 0.460 | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | 0.251 | |
| NO OF SAMPLES | | | | | | | | 5 | | | | | | | | 4 | |

B.O.W. / SITE: BOW LAKE OUTLET

SAMPLE POINT: AT HIGHWAY 28 8 MILES SOUTH WEST OF BANCROFT 71 3

STATION TYPE: RIVER FLOW GAUGE MGE 02HK102

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STATION ID: 17-0021-062-02

STORET CODE: 02
004
1220

STN NO 62 LAT LONG U.T.M. 18 0268600.0 4987350.0 4 REGION 04 MILEAGE 115 20

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 31 | 03 | 76 | 1130 | | | .3 | | 17180 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1135 | | | .3 | | 17238 | 5 | | | | | | | | |
| 16 | 06 | 76 | 1700 | | | .3 | | 17271 | 5 | | | | | | | | |
| 12 | 08 | 76 | 1200 | | | .3 | | 17357 | | | | | | | | | |
| 15 | 09 | 76 | 1455 | | | .3 | | 17403 | | | | | | | | | |
| 27 | 10 | 76 | 1410 | | | .3 | | 17451 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 31 | 03 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1700 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1455 | | | .3 | | | | | | | | 349.0 | | | |
| 27 | 10 | 76 | 1410 | | | .3 | | | | | | | | 322.0 | | | |
| | | | | | | | | | | | | | | 352.0 | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 31 | 03 | 76 | 1130 | | | .3 | | 305 | 1.00 | | 225.0 | | 6.0 | | | | |
| 22 | 07 | 76 | 1020 | | | .3 | | 445 | 0.65 | | 150.0 | | | | | 0.20 | |
| 12 | 08 | 76 | 1200 | | | .3 | | 455 | 1.00 | | 160.0 | | 1.8 | 2 | 7.92 | | 0.050 |
| 15 | 09 | 76 | 1455 | | | .3 | | 480 | 0.60 | | 150.0 | | 1.7 | | 7.87 | | 0.120 |
| 27 | 10 | 76 | 1410 | | | .3 | | 520 | 1.00 | | | | 3.1 | | 7.93 | | 0.070 |
| | | | | | | | | | | | | | | | 7.65 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 31 | 03 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1455 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1410 | | | .3 | | | | | 0.26 | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 03 | 76 | 1130 | | | .3 | | 0.001L | | | | | | | | 0.068 | |
| 22 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 03 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 19 | 07 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1020 | | | .3 | | 0.001L | | | | | | | | 0.016 | |
| 29 | 07 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1200 | | | .3 | | 0.001L | | | | | | | | 0.230 | |
| 07 | 09 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1455 | | | .3 | | 0.001L | | | | | | | | 0.020 | |
| 22 | 09 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 07 | 10 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1410 | | | .3 | | 0.001L | | | | | | | | | |
| 28 | 10 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 09 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 23 | 11 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 24 | 11 | 76 | 1425 | | | .3 | | 0.001L | | | | | | | | | |
| 17 | 12 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.001 | | | | | | | | 0.230 | |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | | | | | | 0.084 | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | 0.016 | |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | | 4 | |

B.O.W./ SITE: CREEK TRIBUTARY TO BOW LAKE
SAMPLE POINT: DOWNSTREAM FROM FARADAY MINE TAILINGS 70 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER.

STATION ID: 17-0021-063-02

STORET CODE: 02
004
1220

STN NO 63 LAT LONG U.T.M. 18 0269600.0 4989600.0 4 REGION 04 MILEAGE 117.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 31 | 03 | 76 | 1315 | | | .3 | | 17182 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1125 | | | .3 | | 17237 | 6 | | | | | | | | |
| 16 | 06 | 76 | 1630 | | | .3 | | 17270 | 6 | | | | | | | | |
| 12 | 08 | 76 | 1150 | | | .3 | | 17356 | | | | | | | | | |
| 15 | 09 | 76 | 1445 | | | .3 | | 17402 | | | | | | | | | |
| 27 | 10 | 76 | 1400 | | | .3 | | 17450 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 31 | 03 | 76 | 1315 | | | .3 | | | | | | | | | | | 78 |
| 25 | 05 | 76 | 1125 | | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1630 | | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1150 | | | .3 | | | | | | | | 400.0 | | | |
| 15 | 09 | 76 | 1445 | | | .3 | | | | | | | | 399.0 | | | |
| 27 | 10 | 76 | 1400 | | | .3 | | | | | | | | 495.0 | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 31 | 03 | 76 | 1315 | | | .3 | | 115 | 1.20 | | 26.0 | | 8.0 | | 6.10 | 0.30 | |
| 22 | 07 | 76 | 1010 | | | .3 | | 455 | 1.40 | | 145.0 | | | 5 | 7.25 | | 0.320 |
| 12 | 08 | 76 | 1150 | | | .3 | | 505 | 3.00 | | 180.0 | | 2.8 | | 7.80 | | 0.890 |
| 15 | 09 | 76 | 1445 | | | .3 | | 580 | 1.00 | | 180.0 | | 3.3 | | 7.65 | | |
| 27 | 10 | 76 | 1400 | | | .3 | | 700 | 1.60 | | | | 5.5 | | 7.64 | | 0.180 |
| MAXIMUM | | | | | | | | 700 | 3.00 | | 180.0 | | 8.0 | 5 | 7.80 | 0.30 | 0.890 |
| AVG OR GEOM MN (*) | | | | | | | | 471 | 1.64 | | 132.8 | | 4.9 | 5 | 7.29 | 0.30 | 0.463 |
| MINIMUM | | | | | | | | 115 | 1.00 | | 26.0 | | 2.8 | 5 | 6.10 | 0.30 | 0.180 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | | 4 | | 4 | 1 | 5 | 1 | 3 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 31 | 03 | 76 | 1315 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1010 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1150 | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1445 | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1400 | | .3 | | | | | 0.11 | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 03 | 76 | 1315 | | .3 | | 0.001L | | | | | | | | | |
| 13 | 05 | 76 | 1200 | | .3 | | | | | | | | | | 0.054 | |
| 25 | 05 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 03 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 19 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1010 | | .3 | | 0.001 | | | | | | | | 0.078 | |
| 29 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1150 | | .3 | | 0.001L | | | | | | | | 0.016 | |
| 07 | 09 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1445 | | .3 | | 0.001L | | | | | | | | 0.068 | |
| 22 | 09 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 07 | 10 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1400 | | .3 | | 0.001L | | | | | | | | | |
| 28 | 10 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 09 | 11 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 23 | 11 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 24 | 11 | 76 | 1415 | | .3 | | 0.001L | | | | | | | | | |
| 17 | 12 | 76 | 1200 | | .3 | | | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

B.O.W./ SITE: CREEK OUTLET OF BENTLEY LAKE
 SAMPLE POINT: UPSTREAM FROM FARADAY MINE TAILINGS AREA 70 2
 STATION TYPE: RIVER

STATION ID: 17-0021-064-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

STN NO 64 LAT LONG U.T.M. 18 0270350.0 4989350.0 4 REGION 04 MILEAGE 117.80

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 31 | 03 | 76 | 1230 | | .3 | | 17181 | 6 | | | | | | | | |
| 25 | 05 | 76 | 1115 | | .3 | | 17236 | 6 | | | | | | | | |
| 16 | 06 | 76 | 1620 | | .3 | | 17269 | 6 | | | | | | | | |
| 12 | 08 | 76 | 1130 | | .3 | | 17355 | | | | | | | | | |
| 15 | 09 | 76 | 1425 | | .3 | | 17401 | | | | | | | | | |
| 27 | 10 | 76 | 1325 | | .3 | | 17449 | | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 31 | 03 | 76 | 1230 | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1115 | | .3 | | | | | | | | | | | 91 |
| 16 | 06 | 76 | 1620 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1425 | | .3 | | | | | | | | 213.0 | | | |
| 27 | 10 | 76 | 1325 | | .3 | | | | | | | | 248.0 | | | |
| | | | | | | | | | | | | | 354.0 | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM
 NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 31 | 03 | 76 | 1230 | | .3 | | 142 | 1.00 | | 24.5 | | 7.4 | | 7.10 | 0.25 | |
| 22 | 07 | 76 | 1000 | | .3 | | 292 | 1.20 | | 95.0 | | | 5 | 7.41 | | 0.180 |
| 12 | 08 | 76 | 1130 | | .3 | | 325 | 1.50 | | 100.0 | | 3.5 | | 7.77 | | 0.090 |
| 15 | 09 | 76 | 1425 | | .3 | | 385 | 0.80 | | 105.0 | | 4.5 | | 7.54 | | |
| 27 | 10 | 76 | 1325 | | .3 | | 520 | 2.50 | | | | 5.1 | | 7.48 | | 0.440 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|-----|------|--|-------|--|-----|---|------|------|-------|
| | | | | | | | 520 | 2.50 | | 105.0 | | 7.4 | 5 | 7.77 | 0.25 | 0.440 |
| | | | | | | | 333 | 1.40 | | 81.1 | | 5.1 | 5 | 7.46 | 0.25 | 0.237 |
| | | | | | | | 142 | 0.80 | | 24.5 | | 3.5 | 5 | 7.10 | 0.25 | 0.090 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | 5 | 5 | | 4 | | 4 | 1 | 5 | 1 | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 31 | 03 | 76 | 1230 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1000 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1425 | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1325 | | .3 | | | | | 0.18 | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|
| | | | | | | | | | | 0.18 | | | | | | |
| | | | | | | | | | | 0.18 | | | | | | |
| | | | | | | | | | | 0.18 | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1 | | | | | | |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 03 | 76 | 1230 | | .3 | | 0.001L | | | | | | | | 0.056 | |
| 22 | 04 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 13 | 05 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 25 | 05 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 03 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 16 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 17 | 06 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 19 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1000 | | .3 | | 0.001 | | | | | | | | 0.058 | |
| 29 | 07 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1130 | | .3 | | 0.001L | | | | | | | | 0.092 | |
| 07 | 09 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 15 | 09 | 76 | 1425 | | .3 | | 0.001L | | | | | | | | 0.052 | |
| 22 | 09 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 07 | 10 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 27 | 10 | 76 | 1325 | | .3 | | 0.001 | | | | | | | | | |
| 28 | 10 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 09 | 11 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 23 | 11 | 76 | 1200 | | .3 | | | | | | | | | | | |
| 24 | 11 | 76 | 1350 | | .3 | | 0.001L | | | | | | | | | |
| 17 | 12 | 76 | 1200 | | .3 | | | | | | | | | | | |

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|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|-------|--|
| | | | | | | | 0.001 | | | | | | | | 0.092 | |
| | | | | | | | 0.001D | | | | | | | | 0.065 | |
| | | | | | | | 0.001 | | | | | | | | 0.052 | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 4 | |

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: LOCK 25 LAKEFIELD
STATION TYPE: RIVER FLOW GAUGE FED 02HJ002

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STATION ID: 17-0021-065-02

STORET CODE: 02
004
1220

| | | | | | | | | |
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|
| STN NO | 65 | LAT | LONG | U.T.M. | 17 0717900.0 4919875.0 4 | REGION 03 | MILEAGE | 98.50 |
|--------|----|-----|------|--------|--------------------------|-----------|---------|-------|

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 0930 | | .3 | | 30801 | 4 | 3140.00 | 20. | 4. | 1. | | 3.0 | | 1.0 |
| 17 | 02 | 76 | 0915 | | .3 | | 30813 | 8 6 | 2670.00 | 20. | 8. | 12. | | 2.0 | | 1.0 |
| 16 | 03 | 76 | 0900 | | .3 | | 30825 | 8 6 | 4780.00 | | | | | 1.5 | | 0.4 |
| 21 | 04 | 76 | 0845 | | .3 | | 30837 | 3 | 8090.00 | 10. | 1. | 1. | | 10.0 | | 1.2 |
| 19 | 05 | 76 | 1020 | | .3 | | 30849 | 8 6 | 3560.00 | 40. | 1. | 1. | | 11.5 | | 1.8 |
| 22 | 06 | 76 | 1045 | | .3 | | 30861 | 9 6 | 996.00 | 400. | 1. | 20. | | 22.0 | | 1.0 |
| 27 | 07 | 76 | 1200 | | .3 | | 30873 | | 940.00 | 3400. | | 880. | | | | 1.0 |
| 26 | 08 | 76 | 1200 | | .3 | | 30885 | | 877.00 | 700. | 24. | 12. | | | | |
| 26 | 10 | 76 | 1200 | | .3 | | 30902 | | 1800.00 | 200. | 26. | 2. | | | | 1.8 |
| 30 | 11 | 76 | 0955 | | .3 | | 30914 | 4 6 8 | 1850.00 | 200. | 2. L | 2. | | 0.0 | | 1.6 |
| 30 | 12 | 76 | 0915 | | .3 | | 30926 | 4 6 8 | 1820.00 | 10. L | 2. L | 2. | | 0.0 | | 1.6 |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|---------|--------|-------|------|--|------|--|-----|
| | | | | | | | | | 8090.00 | 3400. | 26. | 880. | | 22.0 | | 1.8 |
| | | | | | | | | | 2774.82 | 95.* D | 4.* D | 5.* | | 6.3 | | 1.2 |
| | | | | | | | | | 877.00 | 10. | 1. | 1. | | 0.0 | | 0.4 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | 11 | 10 | 9 | 10 | | 8 | | 10 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 0930 | | | .3 | 0.019 | 0.001 | 0.040 | 0.530 | 0.003 | 0.070 | 165.0 | 2.8 | | 163 |
| 17 | 02 | 76 | 0915 | | | .3 | 0.009 | 0.001 | 0.056 | 0.420 | 0.003 | 0.091 | 141.0 | 1.1 | | 140 |
| 16 | 03 | 76 | 0900 | | | .3 | 0.010 | 0.001 | 0.070 | 0.380 | 0.005 | 0.165 | | | | |
| 21 | 04 | 76 | 0845 | | | .3 | 0.017 | 0.002 | 0.008 | 0.600 | 0.004 | 0.186 | | | | |
| 19 | 05 | 76 | 1020 | | | .3 | 0.017 | 0.001 | 0.016 | 0.500 | 0.003 | 0.037 | | | | |
| 22 | 06 | 76 | 1045 | | | .3 | 0.038 | 0.003 | 0.105 | 0.600 | 0.010 | 0.085 | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 0.030 | 0.001L | 0.053 | 0.600 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 0.026 | 0.001 | 0.027 | 0.620 | 0.001 | 0.009 | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 0.020 | 0.004 | 0.018 | 0.620 | 0.003 | 0.017 | | | | |
| 30 | 11 | 76 | 0955 | | | .3 | 0.010 | 0.002 | 0.004 | 0.580 | 0.008 | 0.009 | | | | |
| 30 | 12 | 76 | 0915 | | | .3 | 0.015 | 0.005 | 0.034 | 0.800 | 0.001 | 0.014 | 140.0 | 2.6 | | |
| MAXIMUM | | | | | | | 0.038 | 0.005 | 0.105 | 0.800 | 0.010 | 0.186 | 165.0 | 2.8 | | 163 |
| AVG OR GEOM MN (*) | | | | | | | 0.019 | 0.002D | 0.039 | 0.568 | 0.004 | 0.063D | 148.7 | 2.2 | | 152 |
| MINIMUM | | | | | | | 0.009 | 0.001 | 0.004 | 0.380 | 0.001 | 0.005 | 140.0 | 1.1 | | 140 |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | 2 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 0930 | | | .3 | 250 | 1.00 | 6.8 | | | | | | | |
| 17 | 02 | 76 | 0915 | | | .3 | 215 | 0.90 | | | | | | | | |
| 16 | 03 | 76 | 0900 | | | .3 | 190 | 0.85 | 4.4 | | | | | | | |
| 21 | 04 | 76 | 0845 | | | .3 | 180 | 1.80 | 4.3 | | | | | | | |
| 19 | 05 | 76 | 1020 | | | .3 | 195 | 1.30 | 4.9 | | | | | | | |
| 22 | 06 | 76 | 1045 | | | .3 | 223 | 1.40 | 6.4 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 197 | 1.70 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 185 | 3.10 | 4.1 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 195 | 1.60 | 4.3 | | | | | | | |
| 30 | 11 | 76 | 0955 | | | .3 | 195 | 0.80 | 4.5 | | | | | | | |
| 30 | 12 | 76 | 0915 | | | .3 | 210 | 2.00 | 5.1 | | | | | | | |
| MAXIMUM | | | | | | | 250 | 3.10 | 6.8 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 203 | 1.50 | 4.9 | | | | | | | |
| MINIMUM | | | | | | | 180 | 0.80 | 4.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 11 | 11 | 10 | | | | | | | |

B.O.W. / SITE: OUSE RIVER
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM FROM NORWOOD
STATION TYPE: RIVER

STATION ID: 17-0021-066-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TPENT RIVER

STORET CODE: 02
004
1220

STN NO 66 LAT LONG U.T.M. 18 0261800.0 4916875.0 4 REGION 03 MILEAGE 63.00

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. NIPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|----------------------------------|--------------------------------|--------------------------|---------------------------|
| 20 | 01 | 76 | 1050 | | | .3 | 30802 | 4 | | 2300. | 10. | 10. | L | 2.0 | | 0.4 |
| 17 | 02 | 76 | 1055 | | | .3 | 30814 | 4 | | 100. | 30. | 30. | | 2.0 | | 3.8 |
| 16 | 03 | 76 | 1015 | | | .3 | 30826 | 4 | | | | | | 2.0 | | 0.4 |
| 21 | 04 | 76 | 1120 | | | .3 | 30838 | 3 | | | | | | 16.0 | | 25.0 |
| 19 | 05 | 76 | 1150 | | | .3 | 30850 | 3 6 8 | | 100. | 64. | 44. | | 11.5 | | 1.4 |
| 22 | 06 | 76 | 1235 | | | .3 | 30862 | 8 6 | | 1800. | 1. | 36. | | 21.5 | | 0.6 |
| 27 | 07 | 76 | 1200 | | | .3 | 30874 | | | 400. | | 4. | | | | 0.8 |
| 26 | 08 | 76 | 1200 | | | .3 | 30886 | | | 2400. | 128. | 4. | | | | 1.0 |
| 26 | 10 | 76 | 1200 | | | .3 | 30903 | | | 100. | 64. | 40. | | | | 1.1 |
| 30 | 12 | 76 | 0955 | | | .3 | 30927 | 4 6 8 | | 7300. | 126. | 90. | | 0.0 | | 1.8 |
| MAXIMUM | | | | | | | | | | 7300. | 128. | 90. | | 21.5 | | 25.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 642.* | 30.* | 20.* D | | 7.9 | | 3.6 |
| MINIMUM | | | | | | | | | | 100. | 1. | 4. | | 0.0 | | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 8 | 7 | 8 | | 7 | | 10 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1050 | | | .3 | 0.016 | 0.003 | 0.060 | 0.620 | 0.003 | 0.160 | 174.0 | 2.5 | | 172 |
| 17 | 02 | 76 | 1055 | | | .3 | 0.290 | 0.170 | 0.376 | 1.120 | 0.022 | 1.380 | 131.0 | 11.0 | | 120 |
| 16 | 03 | 76 | 1015 | | | .3 | 0.027 | 0.006 | 0.038 | 0.630 | 0.007 | 0.473 | | | | |
| 21 | 04 | 76 | 1120 | | | .3 | 0.226 | 0.001L | 0.102 | 2.320 | 0.005 | 0.035 | | | | |
| 19 | 05 | 76 | 1150 | | | .3 | 0.021 | 0.007 | 0.008 | 0.470 | 0.003 | 0.147 | | | | |
| 22 | 06 | 76 | 1235 | | | .3 | 0.021 | 0.001 | 0.032 | 0.520 | 0.002 | 0.005L | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 0.040 | 0.013 | 0.038 | 0.580 | 0.010 | 0.785 | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 0.068 | 0.022 | 0.002 | 0.600 | 0.011 | 1.010 | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 0.040 | 0.015 | 0.006 | 0.600 | 0.004 | 0.451 | | | | |
| 30 | 12 | 76 | 0955 | | | .3 | 0.045 | 0.027 | 0.236 | 1.470 | 0.012 | 1.410 | 360.0 | 7.6 | | |
| MAXIMUM | | | | | | | 0.290 | 0.170 | 0.376 | 2.320 | 0.022 | 1.410 | 360.0 | 11.0 | | 172 |
| AVG OR GEOM MN (*) | | | | | | | 0.079 | 0.027D | 0.090 | 0.893 | 0.008 | 0.586D | 221.7 | 7.0 | | 146 |
| MINIMUM | | | | | | | 0.016 | 0.001 | 0.002 | 0.470 | 0.002 | 0.005 | 131.0 | 2.5 | | 120 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | | 2 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1050 | | | .3 | 265 | 1.10 | 5.7 | | | | | | | |
| 17 | 02 | 76 | 1055 | | | .3 | 185 | 2.00 | 3.9 | | | | | | | |
| 16 | 03 | 76 | 1015 | | | .3 | 425 | 0.95 | 10.0 | | | | | | | |
| 21 | 04 | 76 | 1120 | | | .3 | 370 | 5.20 | 4.9 | | | | | | | |
| 19 | 05 | 76 | 1150 | | | .3 | 390 | 1.30 | 7.2 | | | | | | | |
| 22 | 06 | 76 | 1235 | | | .3 | 357 | 1.10 | 2.0 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 440 | 5.90 | 14.0 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 480 | 4.30 | 24.5 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 500 | 2.00 | 20.0 | | | | | | | |
| 30 | 12 | 76 | 0955 | | | .3 | 570 | 3.50 | 21.0 | | | | | | | |
| MAXIMUM | | | | | | | 570 | 5.90 | 24.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 398 | 2.74 | 11.3 | | | | | | | |
| MINIMUM | | | | | | | 185 | 0.95 | 2.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: BRIDGE STREET BRIDGE HASTINGS
STATION TYPE: RIVER

STATION ID: 17-0021-067-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 67 | LAT | LONG | U.T.M. 18 0264175.0 4910125.0 4 | REGION 03 | MILEAGE | 50.40 | | | | | | | | | |
|--------------------|-----------|----------|------------|---------------------------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY 800 MG/L |
| 20 | 01 | 76 | 1135 | | | .3 | 30805 | 8 6 | | 8. | 1. | 1. | | 1.5 | | 1.0 |
| 17 | 02 | 76 | 1145 | | | .3 | 30817 | 8 6 | | 10. | 1. | 1. | | 3.0 | | 1.4 |
| 16 | 03 | 76 | 1120 | | | .3 | 30829 | 8 6 | | | | | | 2.5 | | 1.0 |
| 21 | 04 | 76 | 1210 | | | .3 | 30841 | 8 6 | | 500. | 152. | 16. | | 15.0 | | 1.4 |
| 19 | 05 | 76 | 1235 | | | .3 | 30853 | 8 6 | | 100. | 32. | 84. | | 11.5 | | 1.8 |
| 22 | 06 | 76 | 1255 | | | .3 | 30864 | 8 6 | | 250. | 1. | 12. | | 23.5 | | 2.0 |
| 27 | 07 | 76 | 1200 | | | .3 | 30877 | | | 1500. | | 8. | | | | 1.8 |
| 26 | 08 | 76 | 1200 | | | .3 | 30889 | | | 200. | 1. | 1. | | | | 3.8 |
| 26 | 10 | 76 | 1200 | | | .3 | 30904 | | | 20. | 4. | 4. | | | | 3.4 |
| 30 | 12 | 76 | 1035 | | | .3 | 30928 | 4 8 8 | | 10. L | 2. L | 2. L | | 0.0 | | 1.2 |
| MAXIMUM | | | | | | | | | | 1500. | 152. | 84. | | 23.5 | | 3.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 73.* D | 4.* D | 5.* D | | 8.1 | | 1.9 |
| MINIMUM | | | | | | | | | | 8. | 1. | 1. | | 0.0 | | 1.0 |
| NO OF SAMPLES | | | | | | | | | | 9 | 8 | 8 | | 7 | | 10 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1135 | | | .3 | 0.026 | 0.005 | 0.090 | 0.360 | 0.006 | 0.800 | 296.0 | 6.1 | | |
| 17 | 02 | 76 | 1145 | | | .3 | 0.017 | 0.002 | 0.088 | 0.790 | 0.003 | 0.110 | 157.0 | 1.7 | | 156 |
| 16 | 03 | 76 | 1120 | | | .3 | 0.048 | 0.001 | 0.056 | 0.460 | 0.005 | 0.355 | | | | |
| 21 | 04 | 76 | 1210 | | | .3 | 0.028 | 0.001 | 0.008 | 0.590 | 0.006 | 0.144 | | | | |
| 19 | 05 | 76 | 1235 | | | .3 | 0.035 | 0.002 | 0.002 | 0.500 | 0.001 | 0.005L | | | | |
| 22 | 06 | 76 | 1255 | | | .3 | 0.034 | 0.001 | 0.018 | 0.690 | 0.001 | 0.005L | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 0.052 | 0.001 | 0.041 | 0.920 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 0.054 | 0.001 | 0.072 | 0.510 | 0.001 | 0.005L | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 0.042 | 0.003 | 0.002 | 0.980 | 0.002 | 0.005L | | | | |
| 30 | 12 | 76 | 1035 | | | .3 | 0.016 | 0.003 | 0.082 | 0.560 | 0.002 | 0.033 | 155.0 | 2.2 | | |
| MAXIMUM | | | | | | | 0.054 | 0.005 | 0.090 | 0.980 | 0.006 | 0.800 | 296.0 | 6.1 | | 156 |
| AVG OR GEOM MN (*) | | | | | | | 0.035 | 0.002 | 0.046 | 0.636 | 0.003 | 0.1470 | 202.7 | 3.3 | | 156 |
| MINIMUM | | | | | | | 0.016 | 0.001 | 0.002 | 0.360 | 0.001 | 0.005 | 155.0 | 1.7 | | 156 |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1135 | | | .3 | 480 | 3.80 | 9.0 | | | | | | | |
| 17 | 02 | 76 | 1145 | | | .3 | 240 | 2.50 | 7.7 | | | | | | | |
| 16 | 03 | 76 | 1120 | | | .3 | 300 | 3.90 | 8.2 | | | | | | | |
| 21 | 04 | 76 | 1210 | | | .3 | 200 | 3.00 | 4.9 | | | | | | | |
| 19 | 05 | 76 | 1235 | | | .3 | 210 | 2.70 | 5.2 | | | | | | | |
| 22 | 06 | 76 | 1255 | | | .3 | 216 | 2.50 | 5.3 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | 217 | 6.70 | 5.4 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | 205 | 10.00 | 5.5 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | 230 | 5.20 | 5.5 | | | | | | | |
| 30 | 12 | 76 | 1035 | | | .3 | 235 | 3.60 | 6.0 | | | | | | | |
| MAXIMUM | | | | | | | 480 | 10.00 | 9.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 253 | 4.39 | 6.3 | | | | | | | |
| MINIMUM | | | | | | | 200 | 2.50 | 4.9 | | | | | | | |
| NO OF SAMPLES | | | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: TRENT RIVER
 SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
 STATION TYPE: RIVER C FLOW GAUGE FED 02HK004

STATION ID: 17-0021-068-83

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 68 | LAT | LONG | U.T.M. 18 0293600.0 4886625.0 4 | REGION 04 | MILEAGE | 0.50 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 10 03 76 0810 | | | .3 | | 18000 | 4 | 8930.00 | 210. | 30. | 10. L | | 0.0 | 17.0 | 1.2 |
| 22 03 76 1600 | | | .3 | | 17175 | 9 | 11400.00 | 400. | 1. | 84. | | 1.0 | 14.7 | 1.4 |
| 30 03 76 1105 | | | .3 | | 18005 | 6 3 | 19100.00 | 290. | 10. L | 10. | | 2.0 | 18.0 | 0.8 |
| 21 04 76 0820 | | | .3 | | 18006 | 6 3 9 | 14300.00 | 70. | 4. | 1. | | 12.0 | 12.0 | 1.2 |
| 14 06 76 0934 | | | .3 | | 18011 | 9 6 | 1100.00 | 64. | 1. | 1. | | 22.0 | 9.0 | 0.4 |
| 29 06 76 1350 | | | .3 | | 17291 | 5 8 | 2310.00 | | | | | 23.5 | 7.5 | 1.0 |
| 31 08 76 0938 | | | .3 | | 18018 | 5 9 0 | 971.00 | 300. | 16. | 8. | | 18.5 | 8.0 | 1.8 |
| 08 09 76 1430 | | | .3 | | 17379 | 5 8 | 1160.00 | 300. | 8. | 12. | | 22.0 | 11.4 | 2.6 |
| 04 10 76 0915 | | | .3 | | 18023 | 5 9 | 1830.00 | 800. | 12. | 96. | | 13.0 | 10.0 | 2.0 |
| 02 11 76 1010 | | | .3 | | 18028 | 5 9 | 3970.00 | 1300. | 4. | 12. | | 4.0 | 9.0 | 2.1 |
| 08 12 76 1330 | | | .3 | | 17509 | 4 | 4330.00 | 200. | 16. | 8. | | 4.0 | 12.4 | 1.4 |
| MAXIMUM | | | | | | | 19100.00 | 1300. | 30. | 96. | | 23.5 | 18.0 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | 6309.18 | 270.* | 6.* D | 10.* D | | 11.1 | 11.7 | 1.4 |
| MINIMUM | | | | | | | 971.00 | 64. | 1. | 1. | | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 10 | 10 | | 11 | 11 | 11 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 10 03 76 0810 | | | .3 | | 0.035 | 0.003 | 0.042 | 0.530 | 0.006 | 0.349 | 184. | 5. | | 179 |
| 22 03 76 1600 | | | .3 | | 0.102 | 0.013 | 0.084 | 0.900 | 0.009 | 0.496 | 179.0 | 36.0 | | 143 |
| 30 03 76 1105 | | | .3 | | 0.035 | 0.001 | 0.030 | 0.460 | 0.007 | 0.343 | 153. | 10. | | 143 |
| 21 04 76 0820 | | | .3 | | 0.039 | 0.001 | 0.004 | 0.510 | 0.004 | 0.126 | 141.0 | 11.0 | | 130 |
| 14 06 76 0934 | | | .3 | | 0.038 | 0.007 | 0.092 | 0.700 | 0.005 | 0.015 | 155.0 | 4.5 | | 150 |
| 29 06 76 1350 | | | .3 | | 0.044 | 0.011 | 0.110 | 0.720 | 0.003 | 0.007 | 158.0 | 4.8 | | 153 |
| 31 08 76 0938 | | | .3 | | 0.054 | 0.002 | 0.002 | 0.600 | 0.001 | 0.009 | 162.0 | 12.0 | | 150 |
| 08 09 76 1430 | | | .3 | | 0.275 | 0.240 | 0.030 | 0.630 | 0.001L | 0.005L | 157.0 | 6.5 | | |
| 04 10 76 0915 | | | .3 | | 0.039 | 0.001 | 0.002 | 0.740 | 0.002 | 0.023 | 161.0 | 8.4 | | 153 |
| 02 11 76 1010 | | | .3 | | 0.027 | 0.002 | 0.004 | 0.770 | 0.003 | 0.017 | 163.0 | 6.7 | | 156 |
| 08 12 76 1330 | | | .3 | | 0.027 | 0.008 | 0.044 | 0.440 | 0.003 | 0.047 | 161.0 | 1.8 | | 159 |
| MAXIMUM | | | | | 0.275 | 0.240 | 0.110 | 0.900 | 0.009 | 0.496 | 184. | 36.0 | | 179 |
| AVG OR GEOM MN (*) | | | | | 0.065 | 0.026 | 0.040 | 0.636 | 0.0040 | 0.131D | 161.3 | 9.7 | | 152 |
| MINIMUM | | | | | 0.027 | 0.001 | 0.002 | 0.440 | 0.001 | 0.005 | 141.0 | 1.8 | | 130 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | | 10 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 CONO. 25C UMPOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 10 03 76 0810 | | | .3 | | 265 | 1.2 | 7.2 | 17. | 1.7 | | | 8.0 | | |
| 22 03 76 1600 | | | .3 | | 335 | 13.00 | 5.6 | 13.0 | 1.80 | | | 7.70 | 1.30 | |
| 30 03 76 1105 | | | .3 | | 220 | 3.8 | 5.4 | 13. | 1.85 | | | 8.1 | | |
| 21 04 76 0820 | | | .3 | | 200 | 3.60 | 4.7 | 15.0 | 0.95 | | | 7.80 | | 0.250 |
| 14 06 76 0934 | | | .3 | | 230 | 2.30 | 5.6 | 14.0 | 0.50 | | | 8.16 | | 0.100 |
| 29 06 76 1350 | | | .3 | | 235 | 2.20 | 5.3 | 14.0 | 2.05 | | | 8.06 | | 0.100 |
| 31 08 76 0938 | | | .3 | | 228 | 4.60 | 5.9 | 12.0 | 2.10 | | | 8.02 | | 0.180 |
| 08 09 76 1430 | | | .3 | | 230 | 2.80 | 6.3 | | | | | | | |
| 04 10 76 0915 | | | .3 | | 235 | 3.80 | 5.7 | 12.5 | 1.75 | | | 7.95 | | 0.110 |
| 02 11 76 1010 | | | .3 | | 240 | 3.60 | 6.0 | 12.5 | 0.25 | | | 8.26 | | 0.100 |
| 08 12 76 1330 | | | .3 | | 245 | 1.00 | 6.4 | 14.0 | 0.50 | | | 8.01 | | 0.040 |
| MAXIMUM | | | | | 335 | 13.00 | 7.2 | 17. | 2.10 | | | 8.26 | 1.30 | 0.250 |
| AVG OR GEOM MN (*) | | | | | 242 | 3.81 | 5.8 | 13.7 | 1.35 | | | 8.01 | 1.30 | 0.126 |
| MINIMUM | | | | | 200 | 1.00 | 4.7 | 12.0 | 0.25 | | | 7.70 | 1.30 | 0.040 |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 10 | 10 | | | 10 | 1 | 7 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 10 03 76 0810 | | | .3 | | 1. L | | | | | | | 11 | 24 | |
| 22 03 76 1600 | | | .3 | | 1.0L | | | | | | | 4 | 24 | 1 |
| 30 03 76 1105 | | | .3 | | 1. L | | | | | | | 12 | 32 | |
| 21 04 76 0820 | | | .3 | | 1.0L | | | | | | | 7 | 20 | |
| 14 06 76 0934 | | | .3 | | 1.0L | | | | | | | 7 | 20 | |
| 29 06 76 1350 | | | .3 | | 1.0L | | | | | | | 6 | 26 | |
| 31 08 76 0938 | | | .3 | | 1.0 | | | | | | | | 10L | |
| 08 09 76 1430 | | | .3 | | | | | | | | | | | |
| 04 10 76 0915 | | | .3 | | 1.0L | | | | | | | 17 | 20 | |
| 02 11 76 1010 | | | .3 | | 2.0 | | | | | | | 9 | 34 | |
| 08 12 76 1330 | | | .3 | | 1.0L | | | | | | | 10 | 16 | 2 |
| MAXIMUM | | | | | 2.0 | | | | | | | 17 | 34 | 2 |
| AVG OR GEOM MN (*) | | | | | 1.1D | | | | | | | 9 | 23D | 2 |
| MINIMUM | | | | | 1. | | | | | | | 4 | 10 | 1 |
| NO OF SAMPLES | | | | | 10 | | | | | | | 9 | 10 | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 22 | 03 | 76 | 1600 | | | .3 | | 0.002 | 0.03 L | | 0.02 L | 0.04 | 0.01 L | 0.01 L | 0.01 L | | 0.01 L |
| 21 | 04 | 76 | 0820 | | | .3 | | 0.001 | 0.020L | | 0.020 | 0.020L | 0.020L | 0.010L | 0.010L | | 0.010L |
| 29 | 06 | 76 | 1350 | | | .3 | | 0.001L | 0.060L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010 | | 0.010L |
| 08 | 12 | 76 | 1330 | | | .3 | | 0.001L | | | 0.100 | 0.500 | 0.010L | 0.005L | 0.020 | | 0.010L |
| MAXIMUM | | | | | | | | 0.002 | 0.060 | | 0.100 | 0.500 | 0.020 | 0.01 | 0.020 | | 0.01 |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | 0.037D | | 0.038D | 0.143D | 0.013D | 0.009D | 0.013D | | 0.010D |
| MINIMUM | | | | | | | | 0.001 | 0.020 | | 0.010 | 0.010 | 0.01 | 0.005 | 0.01 | | 0.01 |
| NO OF SAMPLES | | | | | | | | 4 | 3 | | 4 | 4 | 4 | 4 | 4 | | 4 |

B.O.W. / SITE: BAXTER CREEK
SAMPLE POINT: 1.5 MILES DOWNSTREAM FROM MILLBROOK
STATION TYPE: RIVER FLOW GAUGE MOE 02HJ102

STATION ID: 17-0021-069-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 69 | LAT | LONG | U.T.M. 17 0707010.0 4893900.0 4 | | | | REGION 03 | | MILEAGE | 83.30 | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 20 | 01 | 76 | 1320 | | | .3 | | 30808 | 4 | | 530. | 20. | 100. | L | 2.0 | | 1.6 |
| 17 | 02 | 76 | 1435 | | | .3 | | 30820 | 4 | | 2200. | 780. | 120. | | 2.0 | | 1.6 |
| 16 | 03 | 76 | 1350 | | | .3 | | 30832 | 4 | | | | | | 2.0 | | 0.4 |
| 21 | 04 | 76 | 1400 | | | .3 | | 30844 | 8 6 | | 70. | 4. | 1. | | 15.0 | | 0.6 |
| 19 | 05 | 76 | 1425 | | | .3 | | 30856 | 8 6 | | 2100. | 196. | 36. | | | | 1.2 |
| 22 | 06 | 76 | 1507 | | | .3 | | 30868 | 8 6 | | 1300. | 1. | 52. | | 20.0 | | 0.4 |
| 27 | 07 | 76 | 1200 | | | .3 | | 30880 | | | | | | | | | 1.0 |
| 26 | 08 | 76 | 1200 | | | .3 | | 30892 | | | 1500. | 32. | 20. | | | | 0.8 |
| 26 | 10 | 76 | 1200 | | | .3 | | 30905 | | | 250. | 8. | 1. | | | | 1.4 |
| 30 | 11 | 76 | 1235 | | | .3 | | 30917 | 4 6 8 | | 2800. | 300. | 64. | | 0.0 | | 1.4 |
| 30 | 12 | 76 | 1140 | | | .3 | | 30929 | 4 6 8 | | 200. | 34. | 18. | | 0.0 | | 0.8 |
| MAXIMUM | | | | | | | | | | | 2800. | 780. | 120. | | 20.0 | | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 711.* | 32.* | 20.* | D | 5.9 | | 1.0 |
| MINIMUM | | | | | | | | | | | 70. | 1. | 1. | | 0.0 | | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 9 | 9 | | 7 | | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 20 | 01 | 76 | 1320 | | | .3 | | 0.017 | 0.003 | 0.020 | 0.430 | 0.002 | 0.050 | 132.0 | 2.2 | | 130 |
| 17 | 02 | 76 | 1435 | | | .3 | | 0.097 | 0.040 | 0.180 | 0.740 | 0.014 | 0.819 | 268.0 | 14.0 | | 254 |
| 16 | 03 | 76 | 1350 | | | .3 | | 0.073 | 0.007 | 0.058 | 0.460 | 0.005 | 0.715 | | | | |
| 21 | 04 | 76 | 1400 | | | .3 | | 0.028 | 0.004 | 0.002L | 0.300 | 0.008 | 0.432 | | | | |
| 19 | 05 | 76 | 1425 | | | .3 | | 0.020 | 0.007 | 0.008 | 0.310 | 0.004 | 0.296 | | | | |
| 22 | 06 | 76 | 1507 | | | .3 | | 0.033 | 0.050 | 0.004 | 0.290 | 0.006 | 0.294 | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 0.040 | 0.007 | 0.034 | 0.460 | 0.003 | 0.312 | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 0.020 | 0.005 | 0.004 | 0.270 | 0.003 | 0.312 | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 0.023 | 0.005 | 0.036 | 0.280 | 0.005 | 0.465 | | | | |
| 30 | 11 | 76 | 1235 | | | .3 | | 0.030 | 0.008 | 0.034 | 0.330 | 0.001 | 0.541 | | | | |
| 30 | 12 | 76 | 1140 | | | .3 | | 0.015 | 0.008 | 0.058 | 0.240 | 0.004 | 0.458 | 273.0 | 5.8 | | |
| MAXIMUM | | | | | | | | 0.097 | 0.050 | 0.180 | 0.740 | 0.014 | 0.819 | 273.0 | 14.0 | | 254 |
| AVG OR GEOM MN (*) | | | | | | | | 0.036 | 0.013 | 0.040D | 0.374 | 0.005 | 0.427 | 224.3 | 7.3 | | 192 |
| MINIMUM | | | | | | | | 0.015 | 0.003 | 0.002 | 0.240 | 0.001 | 0.050 | 132.0 | 2.2 | | 130 |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1320 | | | .3 | | 200 | 0.83 | 4.6 | | | | | | | |
| 17 | 02 | 76 | 1435 | | | .3 | | 390 | 4.20 | | | | | | | | |
| 16 | 03 | 76 | 1350 | | | .3 | | 430 | 6.90 | 7.6 | | | | | | | |
| 21 | 04 | 76 | 1400 | | | .3 | | 385 | 4.10 | 4.5 | | | | | | | |
| 19 | 05 | 76 | 1425 | | | .3 | | 415 | 2.70 | 5.1 | | | | | | | |
| 22 | 06 | 76 | 1507 | | | .3 | | 404 | 2.10 | 8.3 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 370 | 4.80 | 3.2 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 388 | 3.00 | 7.1 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 435 | 3.60 | 10.5 | | | | | | | |
| 30 | 11 | 76 | 1235 | | | .3 | | 470 | 3.40 | 6.7 | | | | | | | |
| 30 | 12 | 76 | 1140 | | | .3 | | 410 | 3.80 | 4.8 | | | | | | | |
| MAXIMUM | | | | | | | | 470 | 6.90 | 10.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 391 | 3.59 | 6.2 | | | | | | | |
| MINIMUM | | | | | | | | 200 | 0.83 | 3.2 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 10 | | | | | | | |

B.O.W./ SITE: SALT CREEK

SAMPLE POINT: CONCESSION EAST HIGHWAY 30 4 MILES FROM MEYERSBURG

STATION TYPE: RIVER

STATION ID: 17-0021-071-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVERSTORET CODE: 02
004
1220

| STN NO | 71 | LAT | LONG | U.T.M. 18 0274690.0 4897725.0 4 | | | | | | REGION 03 | | MILEAGE | 26.20 | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 21 01 76 1000 | | | .3 | | 27045 | 4 | | 110. | 16. | 16. | | 0.5 | 10.4 | 1.0 |
| 17 03 76 0915 | | | .3 | | 27111 | 6 | | | | | | 2.0 | 11.8 | 0.6 |
| 28 04 76 0930 | | | .3 | | 27197 | 6 | | 1400. | 40. | 600. G | | 8.0 | 11.6 | 0.8 |
| 09 06 76 1230 | | | .3 | | 27286 | 6 | | 100. | | 10. L | | | | 1.4 |
| 29 07 76 0855 | | | .3 | | 27377 | 6 | | | | | | 19.5 | 8.0 | 1.0 |
| 26 08 76 0900 | | | .3 | | 27436 | 6 | | 1000. | 130. | 120. | | 18.0 | 13.4 | 1.0 |
| 29 09 76 1300 | | | .3 | | 27500 | 6 | | 60. | 8. | 16. | | 13.2 | 14.9 | 0.6 |
| 27 10 76 1240 | | | .3 | | 27564 | 6 | | 60. | 10. | 182. | | 2.8 | 13.7 | 0.9 |
| 24 11 76 0930 | | | .3 | | 27623 | 6 | | 390. | 18. | 28. | | 1.0 | 15.6 | 0.2 |
| MAXIMUM | | | | | | | | 1400. | 130. | 600. | | 19.5 | 15.6 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | 216.* | 22.* | 51.* E | | 8.1 | 12.4 | 0.8 |
| MINIMUM | | | | | | | | 60. | 8. | 10. | | 0.5 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 7 | 6 | 7 | | 0 | 8 | 9 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 21 01 76 1000 | | | .3 | | 0.035 | 0.007 | 0.120 | 0.390 | 0.011 | 1.800 | | | | |
| 17 03 76 0915 | | | .3 | | 0.035 | 0.012 | 0.096 | 0.380 | 0.008 | 1.300 | | | | |
| 28 04 76 0930 | | | .3 | | 0.067 | 0.036 | 0.086 | 0.460 | 0.015 | 0.645 | | | | |
| 09 06 76 1230 | | | .3 | | 0.092 | 0.048 | 0.146 | 0.600 | 0.048 | 0.302 | | | | |
| 29 07 76 0855 | | | .3 | | 0.065 | 0.017 | 0.012 | 0.440 | 0.012 | 0.293 | | | | |
| 26 08 76 0900 | | | .3 | | 0.044 | 0.009 | 0.004 | 0.440 | 0.005 | 0.220 | | | | |
| 29 09 76 1300 | | | .3 | | 0.032 | 0.009 | 0.002L | 0.670 | 0.004 | 0.466 | | | | |
| 27 10 76 1240 | | | .3 | | 0.026 | 0.010 | 0.058 | 0.350 | 0.004 | 0.641 | | | | |
| 24 11 76 0930 | | | .3 | | 0.022 | 0.005 | 0.016 | 0.210 | 0.004 | 0.906 | | | | |
| MAXIMUM | | | | | 0.092 | 0.048 | 0.146 | 0.670 | 0.048 | 1.800 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.046 | 0.017 | 0.060D | 0.438 | 0.012 | 0.730 | | | | |
| MINIMUM | | | | | 0.022 | 0.005 | 0.002 | 0.210 | 0.004 | 0.220 | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 21 01 76 1000 | | | .3 | | 430 | 2.50 | 5.0 | | | | | | | |
| 17 03 76 0915 | | | .3 | | 450 | 1.80 | 7.4 | | | | | | | |
| 28 04 76 0930 | | | .3 | | 450 | 2.10 | 6.5 | | | | | | | |
| 09 06 76 1230 | | | .3 | | 405 | 7.30 | 4.1 | | | | | | | |
| 29 07 76 0855 | | | .3 | | 395 | 7.7 | 3.8 | | | | | | | |
| 26 08 76 0900 | | | .3 | | 390 | 5.40 | 3.4 | | | | | | | |
| 29 09 76 1300 | | | .3 | | 425 | 2.80 | 4.6 | | | | | | | |
| 27 10 76 1240 | | | .3 | | 450 | 2.00 | 5.5 | | | | | | | |
| 24 11 76 0930 | | | .3 | | 430 | 5.00 | 4.6 | | | | | | | |
| MAXIMUM | | | | | 450 | 7.7 | 7.4 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 425 | 4.07 | 5.0 | | | | | | | |
| MINIMUM | | | | | 390 | 1.80 | 3.4 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: PLATO CREEK

SAMPLE POINT: HIGHWAY 7 1 MILE EAST OF HAVELOCK

STATION TYPE: RIVER

STATION ID: 17-0021-072-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVERSTORET CODE: 02
004
1220

| STN NO | 72 | LAT | LONG | U.T.M. 18 0272975.0 4923700.0 4 | | | | REGION 03 | | | | MILEAGE | 61.00 | |
|--------------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 21 01 76 1140 | | | .3 | | 27048 | 4 | | 850. | 96. | 176. | | 0.0 | 11.1 | 1.2 |
| 17 03 76 1100 | | | .3 | | 27114 | 4 | | | | | | 1.0 | 8.8 | 0.6 |
| 28 04 76 1100 | | | .3 | | 27200 | 6 | | 3800. | 4. | 4. | | 9.9 | 9.7 | 0.8 |
| 09 06 76 1348 | | | .3 | | 27289 | 6 8 | | 7200. | | 112. | | | | 0.8 |
| 29 07 76 1040 | | | .3 | | 27380 | 6 8 | | | | | | 18.0 | 8.0 | 0.6 |
| 26 08 76 1032 | | | .3 | | 27439 | 6 8 9 | | 100. | 68. | 60. | | 18.5 | 7.3 | 0.6 |
| 29 09 76 1420 | | | .3 | | 27503 | 8 6 | | 1300. | 36. | 124. | | 11.0 | 10.2 | 0.6 |
| 27 10 76 1400 | | | .3 | | 27567 | 6 | | 70. | 16. | 32. | | 2.0 | 10.0 | 0.7 |
| MAXIMUM | | | | | | | | 7200. | 96. | 176. | | 18.5 | 11.1 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | 772.* | 27.* | 52.* | | 8.6 | 9.3 | 0.7 |
| MINIMUM | | | | | | | | 70. | 4. | 4. | | 0.0 | 7.3 | 0.6 |
| NO OF SAMPLES | | | | | | | | 6 | 5 | 6 | | 7 | 7 | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1140 | | | .3 | | 0.036 | 0.014 | 0.050 | 0.460 | 0.009 | 0.880 | | | | |
| 17 | 03 | 76 | 1100 | | | .3 | | 0.020 | 0.005 | 0.024 | 0.420 | 0.005 | 0.395 | | | | |
| 28 | 04 | 76 | 1100 | | | .3 | | 0.013 | 0.004 | 0.002L | 0.360 | 0.003 | 0.147 | | | | |
| 09 | 06 | 76 | 1348 | | | .3 | | 0.033 | 0.017 | 0.020 | 0.490 | 0.008 | 0.177 | | | | |
| 29 | 07 | 76 | 1040 | | | .3 | | 0.044 | 0.014 | 0.026 | 0.680 | 0.004 | 0.281 | | | | |
| 26 | 08 | 76 | 1032 | | | .3 | | 0.038 | 0.013 | 0.014 | 0.500 | 0.003 | 0.007 | | | | |
| 29 | 09 | 76 | 1420 | | | .3 | | 0.068 | 0.009 | 0.002L | 1.350 | 0.002 | 0.068 | | | | |
| 27 | 10 | 76 | 1400 | | | .3 | | 0.010 | 0.005 | 0.004 | 0.340 | 0.002 | 0.190 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|
| MAXIMUM | 0.068 | 0.017 | 0.050 | 1.350 | 0.009 | 0.880 |
| AVG OR GEOM MN (*) | 0.033 | 0.010 | 0.018D | 0.575 | 0.005 | 0.268 |
| MINIMUM | 0.010 | 0.004 | 0.002 | 0.340 | 0.002 | 0.007 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1140 | | | .3 | | 600 | 2.00 | 37.0 | | | | | | | |
| 17 | 03 | 76 | 1100 | | | .3 | | 475 | 0.95 | 21.0 | | | | | | | |
| 28 | 04 | 76 | 1100 | | | .3 | | 415 | 0.65 | 13.0 | | | | | | | |
| 09 | 06 | 76 | 1348 | | | .3 | | 444 | 1.90 | 16.0 | | | | | | | |
| 29 | 07 | 76 | 1040 | | | .3 | | 510 | 2.3 | 21. | | | | | | | |
| 26 | 08 | 76 | 1032 | | | .3 | | 540 | 1.70 | 26.0 | | | | | | | |
| 29 | 09 | 76 | 1420 | | | .3 | | 540 | 1.40 | 28.5 | | | | | | | |
| 27 | 10 | 76 | 1400 | | | .3 | | 540 | 1.00 | 30.0 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 600 | 2.3 | 37.0 |
| AVG OR GEOM MN (*) | 508 | 1.49 | 24.1 |
| MINIMUM | 415 | 0.65 | 13.0 |
| NO OF SAMPLES | 8 | 8 | 8 |

B.O.W./ SITE: PIGEON RIVER
SAMPLE POINT: FEE LANDING 3 MILES NORTH OF OMEMEE
STATION TYPE: RIVER

STATION ID: 17-0021-074-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 74 LAT LONG U.T.M. 17 0695950.0 4912550.0 4 REGION 03 MILEAGE 141.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 21 | 01 | 76 | 1430 | | | .3 | | 27051 | 4 | | 60. | 10. L | 10. L | | 0.0 | 7.1 | 1.0 |
| 17 | 03 | 76 | 1340 | | | .3 | | 27117 | 9 | | | | | | 0.0 | 8.8 | 0.4 |
| 28 | 04 | 76 | 1420 | | | .3 | | 27203 | 6 | | 20. | 1. | 1. | | 10.0 | 9.8 | 1.8 |
| 10 | 06 | 76 | 1540 | | | .3 | | 27302 | 6 | | 32. | | 4. | | | | 1.2 |
| 29 | 07 | 76 | 1712 | | | .3 | | 27393 | 6 | | | | | | 22.0 | 11.0 | 2.8 |
| 26 | 08 | 76 | 1750 | | | .3 | | 27452 | 6 9 | | 80. | 1. | 16. | | 23.0 | 11.0 | 2.0 |
| 30 | 09 | 76 | 1545 | | | .3 | | 27516 | 6 | | 40. | 4. | 14. | | 13.8 | 13.9 | 0.8 |
| 28 | 10 | 76 | 1605 | | | .3 | | 27580 | 6 | | 52. | 2. | 1. | | 3.9 | 12.2 | 0.5 |
| 24 | 11 | 76 | 1445 | | | .3 | | 27626 | 6 | | | | | | 1.8 | 13.4 | 1.2 |

| | | | | | | |
|--------------------|------|-------|-------|------|------|-----|
| MAXIMUM | 80. | 10. | 16. | 23.0 | 13.9 | 2.8 |
| AVG OR GEOM MN (*) | 43.* | 2.* D | 5.* D | 9.3 | 10.9 | 1.3 |
| MINIMUM | 20. | 1. | 1. | 0.0 | 7.1 | 0.4 |
| NO OF SAMPLES | 6 | 5 | 6 | 8 | 8 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 21 | 01 | 76 | 1430 | | | .3 | | 0.022 | 0.006 | 0.220 | 0.520 | 0.017 | 0.283 | | | | |
| 17 | 03 | 76 | 1340 | | | .3 | | 0.019 | 0.006 | 0.044 | 0.390 | 0.005 | 0.306 | | | | |
| 28 | 04 | 76 | 1420 | | | .3 | | 0.027 | 0.001 | 0.002L | 0.600 | 0.002 | 0.005L | | | | |
| 10 | 06 | 76 | 1540 | | | .3 | | 0.027 | 0.003 | 0.002 | 0.600 | 0.001 | 0.005L | | | | |
| 29 | 07 | 76 | 1712 | | | .3 | | 0.084 | 0.001 | 0.010 | 0.560 | 0.002 | 0.033 | | | | |
| 26 | 08 | 76 | 1750 | | | .3 | | 0.025 | 0.001 | 0.002 | 0.470 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1545 | | | .3 | | 0.009 | 0.002 | 0.006 | 0.440 | 0.002 | 0.005L | | | | |
| 28 | 10 | 76 | 1605 | | | .3 | | 0.010 | 0.002 | 0.008 | 0.350 | 0.002 | 0.008 | | | | |
| 24 | 11 | 76 | 1445 | | | .3 | | 0.008 | 0.001 | 0.004 | 0.310 | 0.001 | 0.005L | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|
| MAXIMUM | 0.084 | 0.006 | 0.220 | 0.600 | 0.017 | 0.306 |
| AVG OR GEOM MN (*) | 0.026 | 0.003 | 0.033D | 0.471 | 0.004 | 0.073D |
| MINIMUM | 0.008 | 0.001 | 0.002 | 0.310 | 0.001 | 0.005 |
| NO OF SAMPLES | 9 | 9 | 9 | 9 | 9 | 9 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 21 | 01 | 76 | 1430 | | .3 | | 450 | 1.00 | 4.6 | | | | | | | |
| 17 | 03 | 76 | 1340 | | .3 | | 390 | 0.85 | 6.5 | | | | | | | |
| 28 | 04 | 76 | 1420 | | .3 | | 360 | 1.40 | 5.6 | | | | | | | |
| 10 | 06 | 76 | 1540 | | .3 | | 323 | 1.30 | 4.1 | | | | | | | |
| 29 | 07 | 76 | 1712 | | .3 | | 190 | 4.8 | 5.7 | | | | | | | |
| 26 | 08 | 76 | 1750 | | .3 | | 185 | 4.70 | 4.0 | | | | | | | |
| 30 | 09 | 76 | 1545 | | .3 | | 375 | 0.60 | 4.7 | | | | | | | |
| 28 | 10 | 76 | 1605 | | .3 | | 185 | 1.60 | 4.2 | | | | | | | |
| 24 | 11 | 76 | 1445 | | .3 | | 415 | 2.00 | 5.7 | | | | | | | |
| MAXIMUM | | | | | | | 450 | 4.8 | 6.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 319 | 2.03 | 5.0 | | | | | | | |
| MINIMUM | | | | | | | 185 | 0.60 | 4.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W./ SITE: BURNT RIVER
SAMPLE POINT: FIRST BRIDGE 4 MILES SOUTH OF KINMOUNT
STATION TYPE: RIVER FLOW GAUGE FED 02HF003

STATION ID: 17-0021-075-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 75 | LAT | LONG | U.T.M. | 17 0685250.0 4956500.0 4 | REGION 03 | MILEAGE | 174.80 | | | | | | | | |
|--------------------|-----------|------------|---------------------|------------|--------------------------|-----------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 22 | 01 | 76 | 1220 | | .3 | | 27057 | 4 | 297.00 | | | | | 0.0 | 12.0 | 0.8 |
| 18 | 03 | 76 | 1210 | | .3 | | 27123 | 4 | 945.00 | | | | | 1.0 | 10.9 | 1.0 |
| 29 | 04 | 76 | 1208 | | .3 | | 27209 | 6 9 | 967.00 | 50. | 4. | 1. | | 9.4 | 9.6 | 0.8 |
| 10 | 06 | 76 | 1248 | | .3 | | 27297 | 6 9 8 | 147.00 | 330. | | 4. | | | | 0.8 |
| 29 | 07 | 76 | 1435 | | .3 | | 27388 | 6 8 | 410.00 | | | | | | | 0.6 |
| 26 | 08 | 76 | 1548 | | .3 | | 27447 | 6 8 | 148.00 | 1210. | 74. | 12. | | 23.0 | 10.0 | 2.0 |
| 30 | 09 | 76 | 1215 | | .3 | | 27511 | 6 | 247.00 | 100. | 26. | 6. | | 13.8 | 12.2 | 0.6 |
| 28 | 10 | 76 | 1200 | | .3 | | 27575 | 6 | 455.00 | 10. | 2. | 4. | | 4.9 | 13.2 | 0.9 |
| 25 | 11 | 76 | 1200 | | .3 | | 27632 | 6 9 | 195.00 | 190. | 86. | 8. | | 0.5 | 11.5 | 2.0 |
| MAXIMUM | | | | | | | | | 967.00 | 1210. | 86. | 12. | | 23.0 | 13.2 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 423.44 | 125.* | 17.* | 5.* | | 9.4 | 11.2 | 1.1 |
| MINIMUM | | | | | | | | | 147.00 | 10. | 2. | 1. | | 0.0 | 9.6 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 9 | 6 | 5 | 6 | | 8 | 8 | 9 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 22 | 01 | 76 | 1220 | | .3 | | 0.006 | 0.001 | 0.070 | 0.440 | 0.003 | 0.120 | | | | |
| 18 | 03 | 76 | 1210 | | .3 | | 0.012 | 0.002 | 0.066 | 0.360 | 0.003 | 0.172 | | | | |
| 29 | 04 | 76 | 1208 | | .3 | | 0.010 | 0.001 | 0.002L | 0.320 | 0.003 | 0.067 | | | | |
| 10 | 06 | 76 | 1248 | | .3 | | 0.012 | 0.002 | 0.002 | 0.370 | 0.002 | 0.008 | | | | |
| 29 | 07 | 76 | 1435 | | .3 | | 0.020 | 0.001 | 0.004 | 0.470 | 0.001 | 0.005L | | | | |
| 26 | 08 | 76 | 1548 | | .3 | | 0.031 | 0.001 | 0.004 | 0.540 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1215 | | .3 | | 0.007 | 0.003 | 0.002 | 0.330 | 0.002 | 0.008 | | | | |
| 28 | 10 | 76 | 1200 | | .3 | | 0.005 | 0.002 | 0.004 | 0.300 | 0.003 | 0.002 | | | | |
| 25 | 11 | 76 | 1200 | | .3 | | 0.013 | 0.001 | 0.002 | 0.360 | 0.002 | 0.038 | | | | |
| MAXIMUM | | | | | | | 0.031 | 0.003 | 0.070 | 0.540 | 0.003 | 0.172 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.013 | 0.002 | 0.017D | 0.388 | 0.002 | 0.047D | | | | |
| MINIMUM | | | | | | | 0.005 | 0.001 | 0.002 | 0.300 | 0.001 | 0.002 | | | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 22 | 01 | 76 | 1220 | | .3 | | 110 | 2.60 | 2.7 | | | | | | | |
| 18 | 03 | 76 | 1210 | | .3 | | 100 | 1.20 | 3.1 | | | | | | | |
| 29 | 04 | 76 | 1208 | | .3 | | 95 | 0.75 | 3.1 | | | | | | | |
| 10 | 06 | 76 | 1248 | | .3 | | 117 | 1.10 | 3.7 | | | | | | | |
| 29 | 07 | 76 | 1435 | | .3 | | 183 | 2.2 | 4.0 | | | | | | | |
| 26 | 08 | 76 | 1548 | | .3 | | 200 | 2.50 | 5.3 | | | | | | | |
| 30 | 09 | 76 | 1215 | | .3 | | 108 | 1.00 | 2.6 | | | | | | | |
| 28 | 10 | 76 | 1200 | | .3 | | 400 | 1.20 | 5.3 | | | | | | | |
| 25 | 11 | 76 | 1200 | | .3 | | 110 | 3.60 | 3.5 | | | | | | | |
| MAXIMUM | | | | | | | 400 | 3.60 | 5.3 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 158 | 1.79 | 3.7 | | | | | | | |
| MINIMUM | | | | | | | 95 | 0.75 | 2.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 503 BRIDGE NORLAND
STATION TYPE: RIVER FLOW GAUGE FED 02HFO02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STATION ID: 17-0021-076-02

STORET CODE: 02
004
1220

| STN NO | 76 | LAT | LONG | U.T.M. 17 0673310.0 4954950.0 4 | REGION 03 | MILEAGE 173.30 | | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|--------------|--------------------------|-----------------------|-------------------------|-------------------------|----------------------|---------------------|-------------------|-------------------|----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 22 01 76 1245 | | | .3 | | 27058 | 6 | 641.00 | | | | | 0.0 | 10.9 | 0.6 |
| 18 03 76 1230 | | | .3 | | 27124 | 6 | 1070.00 | | | | | 1.5 | 10.8 | 0.6 |
| 29 04 76 1300 | | | .3 | | 27210 | 6 | 1370.00 | 20. | 1. | 1. | | 9.0 | 9.9 | 0.8 |
| 10 06 76 1315 | | | .3 | | 27298 | 6 | 512.00 | 120. | | 1. | | | | 0.8 |
| 29 07 76 1500 | | | .3 | | 27389 | 6 | 718.00 | | | | | 21.0 | 12.0 | 0.4 |
| 26 08 76 1620 | | | .3 | | 27448 | 6 | 830.00 | 110. | 12. | 6. | | 23.0 | 10.6 | 1.8 |
| 30 09 76 1235 | | | .3 | | 27512 | 6 | 425.00 | 60. | 6. | 18. | | 14.9 | 12.6 | 0.6 |
| 28 10 76 1240 | | | .3 | | 27576 | 6 | 533.00 | 110. | 2. | 14. | | 5.0 | 12.7 | 0.6 |
| 25 11 76 1245 | | | .3 | | 27633 | 6 | 495.00 | 1. | 1. | 1. | | 2.0 | 11.5 | 1.8 |
| MAXIMUM | | | | | | | 1370.00 | 120. | 12. | 18. | | 23.0 | 12.7 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | 732.67 | 35.* | 3.* | 3.* | | 9.6 | 11.4 | 0.9 |
| MINIMUM | | | | | | | 425.00 | 1. | 1. | 1. | | 0.0 | 9.9 | 0.4 |
| NO OF SAMPLES | | | | | | | 9 | 6 | 5 | 6 | | 8 | 8 | 9 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 22 01 76 1245 | | | .3 | | 0.003 | 0.001 | 0.010 | 0.310 | 0.001 | 0.140 | | | | |
| 18 03 76 1230 | | | .3 | | 0.007 | 0.001 | 0.016 | 0.220 | 0.002 | 0.163 | | | | |
| 29 04 76 1300 | | | .3 | | 0.017 | 0.003 | 0.006 | 0.260 | 0.002 | 0.146 | | | | |
| 10 06 76 1315 | | | .3 | | 0.007 | 0.002 | 0.006 | 0.240 | 0.001 | 0.039 | | | | |
| 29 07 76 1500 | | | .3 | | 0.024 | 0.001 | 0.008 | 0.480 | 0.001 | 0.005L | | | | |
| 26 08 76 1620 | | | .3 | | 0.025 | 0.001 | 0.002 | 0.510 | 0.001 | 0.005L | | | | |
| 30 09 76 1235 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.260 | 0.001 | 0.009 | | | | |
| 28 10 76 1240 | | | .3 | | 0.011 | 0.002 | 0.010 | 0.200 | 0.003 | 0.007 | | | | |
| 25 11 76 1245 | | | .3 | | 0.013 | 0.001L | 0.004 | 0.260 | 0.001 | 0.099 | | | | |
| MAXIMUM | | | | | 0.026 | 0.003 | 0.016 | 0.510 | 0.003 | 0.163 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.013 | 0.001D | 0.007 | 0.304 | 0.001 | 0.068D | | | | |
| MINIMUM | | | | | 0.003 | 0.001 | 0.002 | 0.200 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|------|--------------|--------------------------|-----------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 22 01 76 1245 | | | .3 | | 0.003 | 0.001 | 0.010 | 0.310 | 0.001 | 0.140 | | | | |
| 18 03 76 1230 | | | .3 | | 0.007 | 0.001 | 0.016 | 0.220 | 0.002 | 0.163 | | | | |
| 29 04 76 1300 | | | .3 | | 0.017 | 0.003 | 0.006 | 0.260 | 0.002 | 0.148 | | | | |
| 10 06 76 1315 | | | .3 | | 0.007 | 0.002 | 0.006 | 0.240 | 0.001 | 0.039 | | | | |
| 29 07 76 1500 | | | .3 | | 0.024 | 0.001 | 0.008 | 0.480 | 0.001 | 0.005L | | | | |
| 26 08 76 1620 | | | .3 | | 0.026 | 0.001 | 0.002 | 0.510 | 0.001 | 0.005L | | | | |
| 30 09 76 1235 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.260 | 0.001 | 0.009 | | | | |
| 28 10 76 1240 | | | .3 | | 0.011 | 0.002 | 0.010 | 0.200 | 0.003 | 0.007 | | | | |
| 25 11 76 1245 | | | .3 | | 0.013 | 0.001L | 0.004 | 0.260 | 0.001 | 0.099 | | | | |
| MAXIMUM | | | | | 0.026 | 0.003 | 0.016 | 0.510 | 0.003 | 0.163 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.013 | 0.001D | 0.007 | 0.304 | 0.001 | 0.068D | | | | |
| MINIMUM | | | | | 0.003 | 0.001 | 0.002 | 0.200 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 99 | 61 | 208 |
|--------------------|------|-----|-------|------|----------------|----------------------|---------------|---------------|---------------------------|--------------|---------------------|-----------|-----------------|-----------------|
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | COND. 25C UMHS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 22 01 76 1245 | | | .3 | | 68 | 1.60 | 1.7 | | | | | | | |
| 18 03 76 1230 | | | .3 | | 86 | 0.95 | 1.8 | | | | | | | |
| 29 04 76 1300 | | | .3 | | 70 | 1.20 | 2.1 | | | | | | | |
| 10 06 76 1315 | | | .3 | | 72 | 1.20 | 2.1 | | | | | | | |
| 29 07 76 1500 | | | .3 | | 183 | 2.0 | 4.0 | | | | | | | |
| 26 08 76 1620 | | | .3 | | 185 | 2.50 | 4.2 | | | | | | | |
| 30 09 76 1235 | | | .3 | | 68 | 1.00 | 1.7 | | | | | | | |
| 28 10 76 1240 | | | .3 | | 190 | 1.60 | 4.3 | | | | | | | |
| 25 11 76 1245 | | | .3 | | 66 | 2.40 | 1.6 | | | | | | | |
| MAXIMUM | | | | | 190 | 2.50 | 4.3 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 110 | 1.61 | 2.6 | | | | | | | |
| MINIMUM | | | | | 66 | 0.95 | 1.6 | | | | | | | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | | | | | | | |

B.O.W. / SITE: OUSE RIVER
SAMPLE POINT: AT HIGHWAY 7 NORWOOD
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STATION ID: 17-0021-079-02

STORET CODE: 02
004
1220

| STN NO | 79 | LAT | LONG | U.T.M. 18 0262800.0 4919050.0 4 | REGION 03 | MILEAGE | 65.30 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 20 01 76 1100 | | | .3 | | 30803 | 8 6 | | 10. | 1. | 4. | | 2.0 | | 0.8 |
| 17 02 76 1110 | | | .3 | | 30815 | 8 6 | | 50. | 1. | 32. | | 3.0 | | 0.8 |
| 16 03 76 1100 | | | .3 | | 30827 | 4 | | | | | | 2.0 | | 0.2 |
| 21 04 76 1145 | | | .3 | | 30839 | 8 6 | | 100. | 16. | 4. | | 19.0 | | 0.6 |
| 19 05 76 1200 | | | .3 | | 30851 | 3 6 8 | | 50. | 36. | 12. | | 11.5 | | 1.2 |
| 22 06 76 1200 | | | .3 | | 30865 | 8 6 | | 80. | 1. | 8. | | 22.0 | | 0.4 |
| 27 07 76 1200 | | | .3 | | 30875 | | | 10. | L | 1. | | | | 0.8 |
| 26 08 76 1200 | | | .3 | | 30887 | | | 10. | 1. | 1. | | | | 0.6 |
| 26 10 76 1200 | | | .3 | | 30906 | | | 20. | 4. | 12. | | | | 2.0 |
| 30 11 76 1035 | | | .3 | | 30919 | 4 6 8 | | 10. | L | 2. | L | 8. | 0.0 | |
| 30 12 76 1005 | | | .3 | | 30930 | 4 6 8 | | 12. | 2. | L | 2. | 0.0 | | 2.0 |
| MAXIMUM | | | | | | | | 100. | 36. | 32. | | 22.0 | | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 23.* D | 3.* D | 5.* | | 6.9 | | 0.9 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | | 0.2 |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 10 | | 8 | | 10 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 20 01 76 1100 | | | .3 | | 0.020 | 0.005 | 0.100 | 0.490 | 0.004 | 0.060 | 131.0 | 1.6 | | 130 |
| 17 02 76 1110 | | | .3 | | 0.012 | 0.005 | 0.042 | 0.360 | 0.011 | 0.869 | 248.0 | 1.6 | | 247 |
| 16 03 76 1100 | | | .3 | | 0.011 | 0.002 | 0.010 | 0.370 | 0.003 | 0.257 | | | | |
| 21 04 76 1145 | | | .3 | | 0.011 | 0.001 | 0.002L | 0.400 | 0.002 | 0.003 | | | | |
| 19 05 76 1200 | | | .3 | | 0.008 | 0.002 | 0.006 | 0.340 | 0.002 | 0.005L | | | | |
| 22 06 76 1200 | | | .3 | | 0.047 | 0.010 | 0.024 | 0.530 | 0.004 | 0.336 | | | | |
| 27 07 76 1200 | | | .3 | | 0.058 | 0.003 | 0.047 | 0.660 | 0.001 | 0.005L | | | | |
| 26 08 76 1200 | | | .3 | | 0.014 | 0.001 | 0.008 | 0.460 | 0.001 | 0.005L | | | | |
| 26 10 76 1200 | | | .3 | | 0.028 | 0.003 | 0.004 | 0.930 | 0.003 | 0.022 | | | | |
| 30 11 76 1035 | | | .3 | | | | | | | | | | | |
| 30 12 76 1005 | | | .3 | | 0.006 | 0.002 | 0.006 | 0.250 | 0.001 | 0.659 | 314.0 | 5.5 | | |
| MAXIMUM | | | | | 0.058 | 0.010 | 0.100 | 0.930 | 0.011 | 0.869 | 314.0 | 5.5 | | 247 |
| AVG OR GEOM MN (*) | | | | | 0.022 | 0.003 | 0.025D | 0.479 | 0.003 | 0.222D | 231.0 | 2.9 | | 189 |
| MINIMUM | | | | | 0.006 | 0.001 | 0.002 | 0.250 | 0.001 | 0.003 | 131.0 | 1.6 | | 130 |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | | 2 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 20 01 76 1100 | | | .3 | | 200 | 1.10 | 4.7 | | | | | | | |
| 17 02 76 1110 | | | .3 | | 380 | 0.90 | 4.7 | | | | | | | |
| 16 03 76 1100 | | | .3 | | 405 | 0.65 | 3.3 | | | | | | | |
| 21 04 76 1145 | | | .3 | | 350 | 0.85 | 2.2 | | | | | | | |
| 19 05 76 1200 | | | .3 | | 360 | 1.00 | 2.0 | | | | | | | |
| 22 06 76 1200 | | | .3 | | 403 | 3.10 | 8.0 | | | | | | | |
| 27 07 76 1200 | | | .3 | | 365 | 1.50 | 2.6 | | | | | | | |
| 26 08 76 1200 | | | .3 | | 365 | 1.50 | 3.0 | | | | | | | |
| 26 10 76 1200 | | | .3 | | 620 | 1.50 | 2.9 | | | | | | | |
| 30 12 76 1005 | | | .3 | | 490 | 2.50 | 3.7 | | | | | | | |
| MAXIMUM | | | | | 620 | 3.10 | 8.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 394 | 1.46 | 3.7 | | | | | | | |
| MINIMUM | | | | | 200 | 0.65 | 2.0 | | | | | | | |
| NO OF SAMPLES | | | | | 10 | 10 | 10 | | | | | | | |

B.O.W./ SITE: TRIBUTARY TO OUSE RIVER
SAMPLE POINT: AT DAM OF TRIBUTARY POND
STATION TYPE: RIVER

STATION ID: 17-0021-080-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 80 LAT LONG U.T.M. 18 0262800.0 4918800.0 4 REGION 03 MILEAGE 65.30

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|--------------------|------|-----|-------|----|--------|-------|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | 500 |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 20 01 76 1115 | | | .3 | | 30804 | 8 6 | | 10. | 1. | 1. | | 2.0 | | 4.8 |
| 17 02 76 1130 | | | .3 | | 30816 | 8 6 | | 130. | 56. | 220. | | 3.0 | | 1.8 |
| 16 03 76 1105 | | | .3 | | 30828 | 8 6 | | | | | | 1.5 | | 0.8 |
| 21 04 76 1150 | | | .3 | | 30840 | 8 6 | | 100. | 4. | 1. | | 18.0 | | 1.2 |
| 19 05 76 1205 | | | .3 | | 30852 | 3 6 8 | | 100. | 32. | 60. | | 11.0 | | 1.6 |
| 22 06 76 1210 | | | .3 | | 30863 | 8 6 | | 400. | 1. | 120. | | 22.0 | | 1.2 |
| 27 07 76 1200 | | | .3 | | 30876 | | | 10. | | 104. | | | | 1.6 |
| 26 08 76 1200 | | | .3 | | 30838 | | | 200. | 4. | 8. | | | | 0.6 |
| 26 10 76 1200 | | | .3 | | 30907 | | | 20. | 1. | 1. | | | | 1.4 |
| 30 11 76 1010 | | | .3 | | 30918 | 8 6 | | 200. | 46. | 136. | | 0.5 | | 1.8 |
| 30 12 76 1013 | | | .3 | | 30931 | 4 8 8 | | 24. | 2. | 4. | | 0.5 | 11.0 | 2.0 |
| MAXIMUM | | | | | | | | 400. | 56. | 220. | | 22.0 | 11.0 | 4.8 |
| AVG OR GEOM MN (*) | | | | | | | | 63.* | 5.* D | 15.* | | 7.3 | 11.0 | 1.7 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.5 | 11.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 10 | | 8 | 1 | 11 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 20 01 76 1115 | | | .3 | | 0.060 | 0.007 | 0.180 | 0.740 | 0.025 | 2.500 | 430.0 | 42.0 | | |
| 17 02 76 1130 | | | .3 | | 0.047 | 0.016 | 0.348 | 1.120 | 0.022 | 0.863 | 362.0 | 2.1 | | |
| 16 03 76 1105 | | | .3 | | 0.027 | 0.002 | 0.110 | 0.780 | 0.008 | 0.412 | | | | |
| 21 04 76 1150 | | | .3 | | 0.025 | 0.001 | 0.004 | 0.830 | 0.006 | 0.014 | | | | |
| 19 05 76 1205 | | | .3 | | 0.045 | 0.002 | 0.012 | 1.070 | 0.005 | 0.005L | | | | |
| 22 06 76 1210 | | | .3 | | 0.046 | 0.006 | 0.058 | 1.090 | 0.005 | 0.010 | | | | |
| 27 07 76 1200 | | | .3 | | 0.036 | 0.010 | 0.034 | 1.060 | 0.004 | 0.006 | | | | |
| 26 08 76 1200 | | | .3 | | 0.034 | 0.009 | 0.014 | 0.900 | 0.003 | 0.022 | | | | |
| 26 10 76 1200 | | | .3 | | 0.008 | 0.003 | 0.004 | 0.400 | 0.002 | 0.013 | | | | |
| 30 11 76 1010 | | | .3 | | 0.019 | 0.004 | 0.082 | 0.910 | 0.006 | 0.334 | | | | |
| 30 12 76 1013 | | | .3 | | 0.015 | 0.005 | 0.244 | 0.640 | 0.025 | 0.875 | 454.0 | 1.4 | | |
| MAXIMUM | | | | | 0.060 | 0.016 | 0.348 | 1.120 | 0.025 | 2.500 | 454.0 | 42.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.033 | 0.006 | 0.099 | 0.867 | 0.010 | 0.459D | 415.3 | 15.2 | | |
| MINIMUM | | | | | 0.008 | 0.001 | 0.004 | 0.400 | 0.002 | 0.005 | 362.0 | 1.4 | | |
| NO OF SAMPLES | | | | | 11 | 11 | 11 | 11 | 11 | 11 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 20 | 01 | 76 | 1115 | | | .3 | | 620 | 22.00 | 8.6 | | | | | | | |
| 17 | 02 | 76 | 1130 | | | .3 | | 570 | 1.60 | 55.0 | | | | | | | |
| 16 | 03 | 76 | 1105 | | | .3 | | 470 | 0.90 | 265.0 | | | | | | | |
| 21 | 04 | 76 | 1150 | | | .3 | | 465 | 2.00 | 31.5 | | | | | | | |
| 19 | 05 | 76 | 1205 | | | .3 | | 500 | 2.90 | 31.0 | | | | | | | |
| 22 | 06 | 76 | 1210 | | | .3 | | 520 | 1.00 | 42.0 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 545 | 1.30 | 37.5 | | | | | | | |
| 26 | 08 | 76 | 1200 | | | .3 | | 510 | 1.40 | 41.0 | | | | | | | |
| 26 | 10 | 76 | 1200 | | | .3 | | 395 | 1.20 | 49.0 | | | | | | | |
| 30 | 11 | 76 | 1010 | | | .3 | | 630 | 1.50 | 48.0 | | | | | | | |
| 30 | 12 | 76 | 1013 | | | .3 | | 730 | 3.00 | | | | | | | | |
| | | | | | | | | 730 | 22.00 | 265.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 541 | 3.53 | 60.9 | | | | | | | |
| MINIMUM | | | | | | | | 395 | 0.90 | 8.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 10 | | | | | | | |

B.O.W./ SITE: PLATO CREEK
SAMPLE POINT: AT FREEMAN CORNERS BRIDGE
STATION TYPE: RIVER

STATION ID: 17-0021-081-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | B1 | LAT | LONG | U.T.M. 18 0278100.0 4928750.0 4 | | | | | | | | | | REGION 03 | MILEAGE | 54.50 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 | 08 | 76 | 1000 | | | .3 | | 33210 | 8.6 | | 900. | 40. | 112. | | 15.5 | 9.0 | 0.6 |
| 05 | 10 | 76 | 1210 | | | .3 | | 33227 | 8.6 | | 1700. | 70. | 80. | | | | 1.5 |
| 01 | 11 | 76 | 1120 | | | .3 | | 33249 | 6 | | 100. | 76. | 24. | | 0.0 | 7.0 | 1.0 |
| 07 | 12 | 76 | 1205 | | | .3 | | 33264 | 6 | | 76. | 14. | 2. L | | 0.0 | 3.0 | 0.5L |
| | | | | | | | | | | | 1700. | 76. | 112. | | 15.5 | 9.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 328.* | 42.* | 26.* D | | 5.2 | 6.3 | 0.90 |
| MINIMUM | | | | | | | | | | | 76. | 14. | 2. | | 0.0 | 3.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 4 | | 3 | 3 | 4 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 08 | 76 | 1000 | | | .3 | | 0.012 | 0.004 | 0.010L | 0.580 | 0.002 | 0.020L | | | | |
| 05 | 10 | 76 | 1210 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.620 | 0.002 | 0.020L | | | | |
| 01 | 11 | 76 | 1120 | | | .3 | | 0.012 | 0.002L | 0.010L | 0.420 | 0.004 | 0.020L | | | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 0.010 | 0.002 | 0.010L | 0.350 | 0.002 | 0.020L | | | | |
| | | | | | | | | 0.012 | 0.004 | 0.010 | 0.620 | 0.004 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.011 | 0.0030 | 0.0100 | 0.493 | 0.003 | 0.0200 | | | | |
| MINIMUM | | | | | | | | 0.010 | 0.002 | 0.010 | 0.350 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 08 | 76 | 1000 | | | .3 | | 495 | 1.80 | 22.0 | | | | | | | |
| 05 | 10 | 76 | 1210 | | | .3 | | 480 | 0.57 | 25.0 | | | | | | | |
| 01 | 11 | 76 | 1120 | | | .3 | | 465 | 0.60 | 31.0 | | | | | | | |
| 07 | 12 | 76 | 1205 | | | .3 | | 630 | 1.00 | 39.0 | | | | | | | |
| | | | | | | | | 630 | 1.80 | 39.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 518 | 0.99 | 29.3 | | | | | | | |
| MINIMUM | | | | | | | | 465 | 0.57 | 22.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: CPOWE RIVER
 SAMPLE POINT: AT BRIDGE ON CORDOVA ROAD NEAR ROCKDALE
 STATION TYPE: RIVER

STATION ID: 17-0021-082-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 82 | LAT | LONG | U.T.M. | 18 0277450.0 4931600.0 4 | REGION 03 | MILEAGE | 56.30 | | | | | | |
|--------------------|----------|---------|------------|--------|--------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|--------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M. F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 17 08 76 1020 | | | .3 | | 33211 | 6 | | 30. | 0. | 0. | | 16.0 | 10.0 | 0.6L |
| 05 10 76 1120 | | | .3 | | 33228 | 6 | | 30. | 20. | 10. | | | | 1.0 |
| 01 11 76 1140 | | | .3 | | 33250 | 6 | | 8. | | 4. L | | 0.0 | 6.0 | 0.6 |
| 07 12 76 1215 | | | .3 | | 33265 | 6 | | 0. | 0. | 0. | | 0.0 | 10.0 | 0.5 |
| MAXIMUM | | | | | | | | 30. | 20. | 10. | | 16.0 | 10.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 9.* | 3.* | 3.* D | | 5.3 | 8.7 | 0.7D |
| MINIMUM | | | | | | | | 0. | 0. | 0. | | 0.0 | 6.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 4 | 3 | 4 | | 3 | 3 | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 08 76 1020 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.270 | 0.002L | 0.020L | | | | |
| 05 10 76 1120 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.350 | 0.002L | 0.200L | | | | |
| 01 11 76 1140 | | | .3 | | 0.058 | 0.044 | 0.050 | 0.300 | 0.008 | 0.020L | | | | |
| 07 12 76 1215 | | | .3 | | 0.008 | 0.002 | 0.010 | 0.420 | 0.002 | 0.020L | | | | |
| MAXIMUM | | | | | 0.058 | 0.044 | 0.050 | 0.420 | 0.008 | 0.200 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.021 | 0.013D | 0.020D | 0.335 | 0.004D | 0.065D | | | | |
| MINIMUM | | | | | 0.008 | 0.002 | 0.010 | 0.270 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 08 76 1020 | | | .3 | | 145 | 0.95 | 6.0 | | | | | | | |
| 05 10 76 1120 | | | .3 | | 195 | 0.60 | 6.0 | | | | | | | |
| 01 11 76 1140 | | | .3 | | 155 | 0.80 | 6.0 | | | | | | | |
| 07 12 76 1215 | | | .3 | | 160 | 1.00 | 8.0 | | | | | | | |
| MAXIMUM | | | | | 195 | 1.00 | 8.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 164 | 0.84 | 6.5 | | | | | | | |
| MINIMUM | | | | | 145 | 0.60 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: CROWE RIVER
 SAMPLE POINT: AT BRIDGE ON FIRST ROAD ABOVE BELMONT LAKE
 STATION TYPE: RIVER

STATION ID: 17-0021-083-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 83 | LAT | LONG | U.T.M. | 18 0275875.0 4934950.0 4 | REGION 03 | MILEAGE | 59.30 | | | | | | |
|--------------------|----------|---------|------------|--------|--------------------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 17 08 76 1230 | | | .3 | | 33215 | 6 | | 130. | 0. | 0. | | 16.0 | 9.0 | 0.6L |
| 05 10 76 0940 | | | .3 | | 33232 | 6 | | 70. | 10. L | 10. L | | | | 1.5 |
| 01 11 76 0820 | | | .3 | | 33244 | 6 | | 32. | 8. | 8. | | 0.0 | 10.0 | 0.7 |
| 07 12 76 0930 | | | .3 | | 33259 | 6 | | 4. | 2. L | 2. L | | 0.0 | 6.0 | 0.7 |
| MAXIMUM | | | | | | | | 130. | 10. | 10. | | 16.0 | 10.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | 33.* | 4.* D | 4.* D | | 5.3 | 8.3 | 0.9D |
| MINIMUM | | | | | | | | 4. | 0. | 0. | | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | 3 | 3 | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 08 76 1230 | | | .3 | | 0.006 | 0.002L | 0.010 | 0.280 | 0.002 | 0.020L | | | | |
| 05 10 76 0940 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.340 | 0.002L | 0.200L | | | | |
| 01 11 76 0820 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.220 | 0.004 | 0.020L | | | | |
| 07 12 76 0930 | | | .3 | | 0.010 | 0.002 | 0.010L | 0.330 | 0.002 | 0.020L | | | | |
| MAXIMUM | | | | | 0.010 | 0.002 | 0.010 | 0.340 | 0.004 | 0.200 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.009 | 0.002D | 0.010D | 0.293 | 0.003D | 0.065D | | | | |
| MINIMUM | | | | | 0.006 | 0.002 | 0.010 | 0.220 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 08 | 76 | 1230 | | | .3 | | 145 | 1.50 | 8.0 | | | | | | | |
| 05 | 10 | 76 | 0940 | | | .3 | | 180 | 0.60 | 6.0 | | | | | | | |
| 01 | 11 | 76 | 0820 | | | .3 | | 150 | 1.00 | 7.0 | | | | | | | |
| 07 | 12 | 76 | 0930 | | | .3 | | 150 | 1.00 | 11.0 | | | | | | | |
| MAXIMUM | | | | | | | | 180 | 1.50 | 11.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 156 | 1.03 | 8.0 | | | | | | | |
| MINIMUM | | | | | | | | 145 | 0.60 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W. / SITE: CROWE RIVER
SAMPLE POINT: AT CORDOVA LAKE OUTLET DAM NEAR FISH HATCHERY
STATION TYPE: RIVER

STATION ID: 17-0021-084-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 84 | LAT | LONG | U.T.M. 18 0275650.0 4937400.0 4 | | | | REGION 03 | | MILEAGE | 61.30 | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 W.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 | 08 | 76 | 1300 | | | .3 | | 33216 | 6 | | 100. | 0. | 4. | | 16.0 | 10.0 | 0.6 |
| 05 | 10 | 76 | 1005 | | | .3 | | 33233 | 6 | | 100. | 10. L | 10. L | | | | 1.5 |
| 01 | 11 | 76 | 0845 | | | .3 | | 33245 | 6 | | 8. | 0. | 4. L | | 0.0 | 7.0 | 0.8 |
| 07 | 12 | 76 | 0945 | | | .3 | | 33260 | 6 | | 0. | 0. | 0. | | 0.0 | 11.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | 100. | 10. | 10. | | 16.0 | 11.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 17.* | 2 * D | 4.* D | | 5.3 | 9.3 | 1.0 |
| MINIMUM | | | | | | | | | | | 0. | 0. | 0. | | 0.0 | 7.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 3 | 4 | | 3 | 3 | 4 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 08 | 76 | 1300 | | | .3 | | 0.006 | 0.002L | 0.010 | 0.340 | 0.002 | 0.020L | | | | |
| 05 | 10 | 76 | 1005 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.310 | 0.002L | 0.200L | | | | |
| 01 | 11 | 76 | 0845 | | | .3 | | 0.012 | 0.002L | 0.010L | 0.300 | 0.004 | 0.020L | | | | |
| 07 | 12 | 76 | 0945 | | | .3 | | 0.012 | 0.002 | 0.020 | 0.440 | 0.002 | 0.020L | | | | |
| MAXIMUM | | | | | | | | 0.012 | 0.002 | 0.020 | 0.440 | 0.004 | 0.200 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.010 | 0.0020 | 0.0130 | 0.348 | 0.0030 | 0.0650 | | | | |
| MINIMUM | | | | | | | | 0.006 | 0.002 | 0.010 | 0.300 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 08 | 76 | 1300 | | | .3 | | 142 | 1.70 | 7.0 | | | | | | | |
| 05 | 10 | 76 | 1005 | | | .3 | | 145 | 0.66 | 8.0 | | | | | | | |
| 01 | 11 | 76 | 0845 | | | .3 | | 150 | 0.90 | 8.0 | | | | | | | |
| 07 | 12 | 76 | 0945 | | | .3 | | 150 | 1.00 | 9.0 | | | | | | | |
| MAXIMUM | | | | | | | | 150 | 1.70 | 9.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 147 | 1.07 | 8.0 | | | | | | | |
| MINIMUM | | | | | | | | 142 | 0.66 | 7.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W. / SITE: CROWE RIVER
SAMPLE POINT: AT BRIDGE ON CORDOVA MINES-VANSICKE ROAD
STATION TYPE: RIVER

STATION ID: 17-0021-085-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 85 | LAT | | LONG | | U.T.M. 18 0277100.0 4941000.0 4 | | | | REGION 04 | | MILEAGE | 63.90 | | | | |
|--------------------|--------|-------|------|---------------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 W.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 | 08 | 76 | 1030 | | | .3 | | 33212 | 6 | | 100. | 4. | 8. | | 15.0 | 9.0 | 0.6L |
| 05 | 10 | 76 | 1045 | | | .3 | | 33229 | 6 | | 200. | 10. | 20. | | | | 1.5 |
| 01 | 11 | 76 | 0940 | | | .3 | | 33246 | 6 | | 44. | 20. | 4. | | 0.0 | 10.0 | 0.5 |
| 07 | 12 | 76 | 1045 | | | .3 | | 33261 | 6 | | 16. | 2. L | 2. L | | 0.0 | 7.0 | 0.5 |
| MAXIMUM | | | | | | | | | | | 200. | 20. | 20. | | 15.0 | 10.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 61.* | 6.* D | 6.* D | | 5.0 | 8.7 | 0.80 |
| MINIMUM | | | | | | | | | | | 16. | 2. | 2. | | 0.0 | 7.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 4 | | 3 | 3 | 4 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 17 08 76 1030 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.360 | 0.002L | 0.020L | | | | |
| 05 10 76 1045 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.310 | 0.002L | 0.200L | | | | |
| 01 11 76 0940 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.240 | 0.004 | 0.020L | | | | |
| 07 12 76 1045 | | | .3 | | 0.010 | 0.002 | 0.020 | 0.490 | 0.002 | 0.020 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 17 08 76 1030 | | | .3 | | 145 | 0.95 | 8.0 | | | | | | | |
| 05 10 76 1045 | | | .3 | | 145 | 0.73 | 7.0 | | | | | | | |
| 01 11 76 0940 | | | .3 | | 145 | 0.90 | 8.0 | | | | | | | |
| 07 12 76 1045 | | | .3 | | 143 | 1.00 | 9.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: CROWE RIVER
SAMPLE POINT: NEAR THE COMMUNITY OF LAKE
STATION TYPE: RIVER

STATION ID: 17-0021-086-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 86 LAT LONG U.T.M. 18 0271950.0 4961275.0 4 REGION 04 MILEAGE 81.90

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | NPA | TEMP. | MG/L | BOO |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 16 08 76 1300 | | | .3 | | 33206 | 6 | | 170. | 20. | 10. | | 13.5 | 7.0 | 0.6L |
| 04 10 76 1225 | | | .3 | | 33223 | 6 | | 20. | 4. | 12. | | | | 1.5 |
| 02 11 76 1115 | | | .3 | | 33240 | 6 | | 170. | 4. L | 4. L | | 1.0 | 11.0 | 0.8 |
| 06 12 76 1020 | | | .3 | | 33256 | 4 | | 52. | 2. | 2. | | 0.0 | 10.0 | 0.5 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 08 76 1300 | | | .3 | | 0.014 | 0.002 | 0.020 | 0.350 | 0.002 | 0.020 | | | | |
| 04 10 76 1225 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.370 | 0.004 | 0.020L | | | | |
| 02 11 76 1115 | | | .3 | | 0.010 | 0.002L | 0.020 | 0.300 | 0.006 | 0.020L | | | | |
| 06 12 76 1020 | | | .3 | | 0.008 | 0.002 | 0.030 | 0.420 | 0.002 | 0.040 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 16 08 76 1300 | | | .3 | | 162 | 2.50 | 10.0 | | | | | | | |
| 04 10 76 1225 | | | .3 | | 150 | 1.60 | 8.0 | | | | | | | |
| 02 11 76 1115 | | | .3 | | 146 | 0.90 | 8.0 | | | | | | | |
| 06 12 76 1020 | | | .3 | | 165 | 1.50 | 10.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: DEER CREEK
 SAMPLE POINT: AT WOLLASTON LAKE OUTLET DAM NEAR THE RIDGE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STATION ID: 17-0021-087-02

STORET CODE: 02
 004
 1221

STN NO 87 LAT LONG U.T.M. 18 0275425.0 4965575.0 4 REGION 04 MILEAGE 84.80

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 16 | 08 | 76 | 1100 | | | .3 | | 33204 | 8 6 | | 240. | 10. L | 10. L | | 16.5 | 9.0 | 0.8 |
| 04 | 10 | 76 | 1055 | | | .3 | | 33221 | 8 6 | | 50. | 0. | 4. L | | 14.0 | 7.0 | 1.5 |
| 02 | 11 | 76 | 1000 | | | .3 | | 33238 | 6 | | 288. | 4. | 4. L | | 1.0 | 12.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 08 | 76 | 1100 | | | .3 | | 0.010 | 0.002L | 0.020 | 0.590 | 0.002 | 0.020L | | | | |
| 04 | 10 | 76 | 1055 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.390 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 1000 | | | .3 | | 0.010 | 0.002 | 0.040 | 0.450 | 0.004 | 0.020L | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 08 | 76 | 1100 | | | .3 | | 157 | 1.20 | 6.0 | | | | | | | |
| 04 | 10 | 76 | 1055 | | | .3 | | 165 | 0.64 | 7.0 | | | | | | | |
| 02 | 11 | 76 | 1000 | | | .3 | | 160 | 1.00 | 6.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: CHANDOS LAKE OUTLET
 SAMPLE POINT: AT HIGHWAY NO 620 77 1
 STATION TYPE: RIVER FLOW GAUGE FED 02HK005

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STATION ID: 17-0021-088-02

STORET CODE: 02
 004
 1220

STN NO 88 LAT LONG U.T.M. 18 0264200.0 4969550.0 4 REGION 03 MILEAGE 95.30

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 16 | 08 | 76 | 1200 | | | .3 | | 33205 | 8 6 | 66.60 | 24. | 10. L | 10. L | | 15.5 | 10.0 | 0.8 |
| 04 | 10 | 76 | 1145 | | | .3 | | 33222 | 8 6 | 56.90 | 10. L | 0. | 4. L | | | | 1.5 |
| 02 | 11 | 76 | 1035 | | | .3 | | 33239 | 6 | 77.80 | 12. | 4. L | 4. L | | 4.0 | 9.0 | 0.7 |
| 06 | 12 | 76 | 1100 | | | .3 | | 33255 | 4 | 78.50 | 148. | 2. | 2. L | | 0.0 | 8.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 08 | 76 | 1200 | | | .3 | | 0.010 | 0.002L | 0.020 | 0.400 | 0.002L | 0.020L | | | | |
| 04 | 10 | 76 | 1145 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.290 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 1035 | | | .3 | | 0.014 | 0.002 | 0.010 | 0.280 | 0.004 | 0.020 | | | | |
| 06 | 12 | 76 | 1100 | | | .3 | | 0.010 | 0.002 | 0.040 | 0.450 | 0.002 | 0.020L | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 08 | 76 | 1200 | | | .3 | | 132 | 1.60 | 6.0 | | | | | | | |
| 04 | 10 | 76 | 1145 | | | .3 | | 130 | 0.62 | 7.0 | | | | | | | |
| 02 | 11 | 76 | 1035 | | | .3 | | 132 | 0.50 | 6.0 | | | | | | | |
| 06 | 12 | 76 | 1100 | | | .3 | | 175 | 1.00 | 12.0 | | | | | | | |
| MAXIMUM | | | | | | | | 175 | 1.60 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 142 | 0.93 | 7.8 | | | | | | | |
| MINIMUM | | | | | | | | 130 | 0.50 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: CROWE RIVER

SAMPLE POINT: AT HIGHWAY NO 28 PAUDASH LAKE OUTLET 76 1

STATION TYPE: RIVER

STATION ID: 17-0021-089-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ONTARIO

TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 89 | LAT | LONG | U.T.M. 18 0265350.0 4985000.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 106.90 | |
|--------------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 | 08 | 76 | 0900 | | | .3 | | 33202 | 6 | | 160. | 10. L | 10. L | | 16.0 | 7.0 | 0.8 |
| 04 | 10 | 76 | 0900 | | | .3 | | 33219 | 6 | | 10. L | 0. L | 4. L | | 13.0 | 8.0 | 1.5 |
| 02 | 11 | 76 | 0820 | | | .3 | | 33236 | 6 | | 60. | 4. L | 4. L | | 1.0 | 11.0 | 0.6 |
| 06 | 12 | 76 | 0830 | | | .3 | | 33253 | 4 | | 0. | 0. | 0. | | 0.0 | 10.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | 160. | 10. | 10. | | 16.0 | 11.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 18.* D | 3.* D | 4.* D | | 7.5 | 9.0 | 1.0 |
| MINIMUM | | | | | | | | | | | 0. | 0. | 0. | | 0.0 | 7.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 4 | | 4 | 4 | 4 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 08 | 76 | 0900 | | | .3 | | 0.012 | 0.002L | 0.030 | 0.250 | 0.002L | 0.020L | | | | |
| 04 | 10 | 76 | 0900 | | | .3 | | 0.008 | 0.002L | 0.010L | 0.330 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 0820 | | | .3 | | 0.010 | 0.002L | 0.010L | 0.270 | 0.004 | 0.020L | | | | |
| 06 | 12 | 76 | 0830 | | | .3 | | 0.008 | 0.002L | 0.020 | 0.340 | 0.002 | 0.020L | | | | |
| MAXIMUM | | | | | | | | 0.012 | 0.002 | 0.030 | 0.340 | 0.004 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.010 | 0.002D | 0.018D | 0.298 | 0.003D | 0.020D | | | | |
| MINIMUM | | | | | | | | 0.008 | 0.002 | 0.010 | 0.250 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 08 | 76 | 0900 | | | .3 | | 112 | 1.50 | 10.0 | | | | | | | |
| 04 | 10 | 76 | 0900 | | | .3 | | 100 | 0.62 | 8.0 | | | | | | | |
| 02 | 11 | 76 | 0820 | | | .3 | | 116 | 0.70 | 6.0 | | | | | | | |
| 06 | 12 | 76 | 0830 | | | .3 | | 104 | 1.00 | 12.0 | | | | | | | |
| MAXIMUM | | | | | | | | 116 | 1.50 | 12.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 108 | 0.96 | 9.0 | | | | | | | |
| MINIMUM | | | | | | | | 100 | 0.62 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: PAUDASH LAKE NARROWS

SAMPLE POINT: AT PAUDASH LAKE ROAD 75 3

STATION TYPE: LAKE

STATION ID: 17-0021-090-01

MAJOR BASIN: GREAT LAKES

MINOR BASIN: LAKE ONTARIO

TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN #0 | | 90 | LAT | | LONG | | U.T.M. 17 0733450.0 4982550.0 4 | | | | REGION 03 | | MILEAGE | | 110.70 | | |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 | 08 | 76 | 0930 | | | .3 | | 33203 | 6 | | 70. | 10. L | 10. L | | 15.0 | 8.0 | 0.8 |
| 04 | 10 | 76 | 0930 | | | .3 | | 33220 | 6 | | 10. L | 0. L | 4. L | | 15.0 | 10.0 | 1.5 |
| 02 | 11 | 76 | 0835 | | | .3 | | 33237 | 6 | | 40. | 4. L | 4. L | | 0.0 | 11.0 | 0.8 |
| 06 | 12 | 76 | 0845 | | | .3 | | 33254 | | | 0. | 0. | 2. | | 0. | 12.0 | 0.5 |
| MAXIMUM | | | | | | | | | | | 70. | 10. | 10. | | 15.0 | 12.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 13.* D | 3.* D | 4.* D | | 7.5 | 10.3 | 0.9 |
| MINIMUM | | | | | | | | | | | 0. | 0. | 2. | | 0.0 | 8.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 4 | | 4 | 4 | 4 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 08 | 76 | 0930 | | .3 | | 0.010 | 0.002L | 0.030 | 0.300 | 0.002L | 0.020L | | | | |
| 04 | 10 | 76 | 0930 | | .3 | | 0.006 | 0.002L | 0.010L | 0.260 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 0835 | | .3 | | 0.006 | 0.002 | 0.020 | 0.250 | 0.004 | 0.020 | | | | |
| 06 | 12 | 76 | 0845 | | .3 | | 0.006 | 0.002 | 0.020 | 0.300 | 0.002 | 0.040 | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|--------|--------|
| MAXIMUM | 0.010 | 0.002 | 0.030 | 0.300 | 0.004 | 0.040 |
| AVG OR GEOM MN (*) | 0.007 | 0.0020 | 0.0200 | 0.278 | 0.0030 | 0.0250 |
| MINIMUM | 0.006 | 0.002 | 0.010 | 0.250 | 0.002 | 0.020 |

NO OF SAMPLES 4 4 4 4 4 4

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 08 | 76 | 0930 | | .3 | | 96 | 1.80 | 7.0 | | | | | | | |
| 04 | 10 | 76 | 0930 | | .3 | | 90 | 0.58 | 9.0 | | | | | | | |
| 02 | 11 | 76 | 0835 | | .3 | | 103 | 0.40 | 7.0 | | | | | | | |
| 06 | 12 | 76 | 0845 | | .3 | | 106 | 1. | 16. | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 106 | 1.80 | 16. |
| AVG OR GEOM MN (*) | 99 | 0.95 | 9.8 |
| MINIMUM | 90 | 0.40 | 7.0 |

NO OF SAMPLES 4 4 4

B.O.W./ SITE: NORTH RIVER

SAMPLE POINT: AT BRIDGE NEAR NORTH RIVER BAY BELMONT LAKE

STATION TYPE: RIVER

STATION ID: 17-0021-091-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 91 LAT LONG U.T.M. 18 0274350.0 4931650.0 4 REGION 03 MILEAGE 58.30

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 17 | 08 | 76 | 1210 | | .3 | | 33214 | 6 | | 200. | 0. | 0. | | 15.5 | 10.0 | |
| 05 | 10 | 76 | 0915 | | .3 | | 33231 | 6 | | 300. | 10. L | 10. L | | | | 1.5 |
| 01 | 11 | 76 | 0750 | | .3 | | 33243 | 6 | | 64. | 4. | 4. L | | 1.0 | 9.0 | 0.5 |
| 07 | 12 | 76 | 0915 | | .3 | | 33258 | 6 | | 8. | 10. | 0. | | 0.0 | 13.0 | 0.6 |

| | | | | | | |
|--------------------|------|-------|-------|------|------|-----|
| MAXIMUM | 300. | 10. | 10. | 15.5 | 13.0 | 1.5 |
| AVG OR GEOM MN (*) | 74.* | 4.* D | 3.* D | 5.5 | 10.7 | 0.9 |
| MINIMUM | 8. | 0. | 0. | 0.0 | 9.0 | 0.5 |

NO OF SAMPLES 4 4 4 3 3 3

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 08 | 76 | 1210 | | .3 | | | 0.002L | 0.010 | | 0.002 | 0.020L | | | | |
| 05 | 10 | 76 | 0915 | | .3 | | 0.012 | 0.002L | 0.010L | 0.390 | 0.002L | 0.200L | | | | |
| 01 | 11 | 76 | 0750 | | .3 | | 0.012 | 0.002L | 0.030 | 0.300 | 0.006 | 0.020L | | | | |
| 07 | 12 | 76 | 0915 | | .3 | | 0.010 | 0.002L | 0.010L | 0.420 | 0.002 | 0.020L | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|--------|--------|
| MAXIMUM | 0.012 | 0.002 | 0.030 | 0.420 | 0.006 | 0.200 |
| AVG OR GEOM MN (*) | 0.011 | 0.0020 | 0.0150 | 0.370 | 0.0030 | 0.0650 |
| MINIMUM | 0.010 | 0.002 | 0.010 | 0.300 | 0.002 | 0.020 |

NO OF SAMPLES 3 4 4 3 4 4

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 08 | 76 | 1210 | | .3 | | | 1.50 | | | | | | | | |
| 05 | 10 | 76 | 0915 | | .3 | | 150 | 0.77 | 7.0 | | | | | | | |
| 01 | 11 | 76 | 0750 | | .3 | | 230 | 0.60 | 7.0 | | | | | | | |
| 07 | 12 | 76 | 0915 | | .3 | | 175 | 1.00 | 8.0 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 230 | 1.50 | 8.0 |
| AVG OR GEOM MN (*) | 185 | 0.97 | 7.3 |
| MINIMUM | 150 | 0.60 | 7.0 |

NO OF SAMPLES 3 4 3

B.O.W. / SITE: NORTH RIVER
 SAMPLE POINT: AT BRIDGE ON BLUE MOUNTAIN ROAD
 STATION TYPE: RIVER

STATION ID: 17-0021-092-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 92 | LAT | LONG | U.T.M. 18 0269650.0 4934200.0 4 | REGION 03 | MILEAGE | 63.50 | | | | | | | |
|--------------------|----------|---------|------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 17 08 76 1140 | | | .3 | | 33213 | 6 9 | | 100. | 0. | 24. | | 16.0 | 8.0 | 0.8 |
| 04 10 76 1330 | | | .3 | | 33230 | 6 9 | | 90. | 0. | 4. L | | | | 2.0 |
| 02 11 76 1220 | | | .3 | | 33242 | 6 | | 80. | 4. L | 4. L | | 3.0 | 9.0 | 0.5 |
| 06 12 76 1210 | | | .3 | | 33257 | 4 | | 48. | 8. | 2. L | | 0.0 | 12.0 | 0.7 |
| MAXIMUM | | | | | | | | 100. | 8. | 24. | | 16.0 | 12.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 77.* | 2.* D | 5.* D | | 6.3 | 9.7 | 1.0 |
| MINIMUM | | | | | | | | 48. | 0. | 2. | | 0.0 | 8.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | 3 | 3 | 4 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 17 08 76 1140 | | | .3 | | 0.022 | 0.008 | 0.060 | 0.590 | 0.002 | 0.020L | | | | |
| 04 10 76 1330 | | | .3 | | 0.028 | 0.006 | 0.080 | 0.620 | 0.018 | 0.020L | | | | |
| 02 11 76 1220 | | | .3 | | 0.016 | 0.002 | 0.040 | 0.350 | 0.010 | 0.020L | | | | |
| 06 12 76 1210 | | | .3 | | 0.012 | 0.002L | 0.010 | 0.450 | 0.002 | 0.020 | | | | |
| MAXIMUM | | | | | 0.028 | 0.008 | 0.080 | 0.620 | 0.018 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.020 | 0.005D | 0.048 | 0.503 | 0.008 | 0.020D | | | | |
| MINIMUM | | | | | 0.012 | 0.002 | 0.010 | 0.350 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 17 08 76 1140 | | | .3 | | 192 | 2.20 | 9.0 | | | | | | | |
| 04 10 76 1330 | | | .3 | | 175 | 2.40 | 9.0 | | | | | | | |
| 02 11 76 1220 | | | .3 | | 155 | 0.80 | 6.0 | | | | | | | |
| 06 12 76 1210 | | | .3 | | 72 | 1.00 | 7.0 | | | | | | | |
| MAXIMUM | | | | | 192 | 2.40 | 9.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 149 | 1.60 | 7.8 | | | | | | | |
| MINIMUM | | | | | 72 | 0.80 | 6.0 | | | | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W. / SITE: NORTH RIVER
 SAMPLE POINT: AT BRIDGE ON ROAD SOUTH FROM LASSWADE
 STATION TYPE: RIVER

STATION ID: 17-0021-094-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: TRENT RIVER

STORET CODE: 02
 004
 1220

| STN NO | 94 | LAT | LONG | U.T.M. 18 0268550.0 4953700.0 4 | | | | | | REGION 03 | | MILEAGE | 82.70 | |
|--------------------|----------|---------|------------|---------------------------------|-----------------|-----------------------------|--------------------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 08 76 1400 | | | .3 | | 33207 | 8 | | 70. | 10. | 10. | | 15.0 | 5.0 | 1.0 |
| 04 10 76 0810 | | | .3 | | 33224 | 8 | | 300. | 10. L | 20. | | | | 1.0 |
| 02 11 76 1150 | | | .3 | | 33241 | 4 | | 600. | 4. L | 4. L | | 1.0 | 7.0 | 1.2 |
| MAXIMUM | | | | | | | | 600. | 10. | 20. | | 15.0 | 7.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | 233.* | 7.* D | 9.* D | | 8.0 | 6.0 | 1.1 |
| MINIMUM | | | | | | | | 70. | 4. | 4. | | 1.0 | 5.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | 2 | 2 | 3 |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 08 76 1400 | | | .3 | | 0.020 | 0.002L | 0.030 | 0.610 | 0.002 | 0.020L | | | | |
| 04 10 76 0810 | | | .3 | | 0.022 | 0.002L | 0.020 | 0.450 | 0.004 | 0.020L | | | | |
| 02 11 76 1150 | | | .3 | | 0.038 | 0.004 | 0.050 | 1.000 | 0.006 | 0.020L | | | | |
| MAXIMUM | | | | | 0.038 | 0.004 | 0.050 | 1.000 | 0.006 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.027 | 0.003D | 0.033 | 0.687 | 0.004 | 0.020D | | | | |
| MINIMUM | | | | | 0.020 | 0.002 | 0.020 | 0.450 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 08 | 76 | 1400 | | | .3 | | 65 | 2.10 | 3.0 | | | | | | | |
| 04 | 10 | 76 | 0810 | | | .3 | | 35 | 2.10 | 5.0 | | | | | | | |
| 02 | 11 | 76 | 1150 | | | .3 | | 41 | 1.40 | 3.0 | | | | | | | |
| MAXIMUM | | | | | | | | 65 | 2.10 | 5.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 47 | 1.87 | 3.7 | | | | | | | |
| MINIMUM | | | | | | | | 35 | 1.40 | 3.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | | | | | | |

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT BRIDGE ON ROAD TO CORDOVA MINES
STATION TYPE: RIVER FLOW GAUGE FED 02HK006

STATION ID: 17-0021-095-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 95 | LAT | LONG | U.T.M. 18 0285650.0 4934475.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 48.60 | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 17 | 08 | 76 | 0900 | | | .3 | | 33208 | 6 | 8.30 | 100. | 0. | 4. | | 15.5 | 10.0 | 0.6L |
| 05 | 10 | 76 | 1200 | | | .3 | | 33225 | 8 | 5.50 | 10. | 10. L | 10. L | | | | 1.0 |
| 01 | 11 | 76 | 1020 | | | .3 | | 33247 | 6 | 26.60 | 146. | 8. | 8. | | 0.0 | 10.0 | 1.2 |
| 07 | 12 | 76 | 1110 | | | .3 | | 33262 | 6 | | 44. | 2. L | 2. L | | 0.0 | 9.0 | 0.8 |
| MAXIMUM | | | | | | | | | | 26.60 | 146. | 10. | 10. | | 15.5 | 10.0 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 13.47 | 50.* | 4.* D | 5.* D | | 5.2 | 9.7 | 0.90 |
| MINIMUM | | | | | | | | | | 5.50 | 10. | 0. | 2. | | 0.0 | 9.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 3 | 4 | 4 | 4 | | 3 | 3 | 4 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED P MG/L | 19 FILTERED REACTIVE P MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|-----------------------------|--------------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 17 | 08 | 76 | 0900 | | | .3 | | 0.012 | 0.006 | 0.010L | 0.280 | 0.002 | 0.020L | | | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 0.018 | 0.002L | 0.010L | 0.300 | 0.002 | 0.020L | | | | |
| 01 | 11 | 76 | 1020 | | | .3 | | 0.014 | 0.002L | 0.010L | 0.470 | 0.004 | 0.020L | | | | |
| 07 | 12 | 76 | 1110 | | | .3 | | 0.010 | 0.002 | 0.010L | 0.470 | 0.002 | 0.020L | | | | |
| MAXIMUM | | | | | | | | 0.018 | 0.006 | 0.010 | 0.470 | 0.004 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.014 | 0.0030 | 0.0100 | 0.375 | 0.003 | 0.0200 | | | | |
| MINIMUM | | | | | | | | 0.010 | 0.002 | 0.010 | 0.260 | 0.002 | 0.020 | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 17 | 08 | 76 | 0900 | | | .3 | | 205 | 2.00 | 5.0 | | | | | | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 150 | 0.75 | 6.0 | | | | | | | |
| 01 | 11 | 76 | 1020 | | | .3 | | 210 | 0.60 | 6.0 | | | | | | | |
| 07 | 12 | 76 | 1110 | | | .3 | | 215 | 0.50 | 9.0 | | | | | | | |
| MAXIMUM | | | | | | | | 215 | 2.00 | 9.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 195 | 0.96 | 6.5 | | | | | | | |
| MINIMUM | | | | | | | | 150 | 0.50 | 5.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | | | | | | |

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT ST OLA
STATION TYPE: RIVER

STATION ID: 17-0021-096-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

| STN NO | 96 | LAT | LONG | U.T.M. 18 0294400.0 4969675.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 82.40 | |
|--------------------|-----------|------------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 16 | 08 | 76 | 0700 | | | .3 | | 33200 | 6 | | 220. | 10. L | 10. L | | 15.0 | 10.0 | 0.6 |
| 04 | 10 | 76 | 0725 | | | .3 | | 33217 | 6 | | 120. | 20. | 4. L | | 11.0 | 9.0 | 1.5 |
| 02 | 11 | 76 | 0725 | | | .3 | | 33234 | 6 | | 192. | 4. L | 4. L | | 1.0 | 11.0 | 0.5L |
| 06 | 12 | 76 | 0730 | | | .3 | | 33251 | 6 | | 20. | 2. L | 2. L | | 0.0 | 10.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | 220. | 20. | 10. | | 15.0 | 11.0 | 1.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 100.* | 6.* D | 4.* D | | 6.8 | 10.0 | 0.80 |
| MINIMUM | | | | | | | | | | | 20. | 2. | 2. | | 0.0 | 9.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | | 4 | 4 | 4 | | 4 | 4 | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 | 08 | 76 | 0700 | | | .3 | 0.014 | 0.002L | 0.030 | 0.270 | 0.002L | 0.020L | | | | |
| 04 | 10 | 76 | 0725 | | | .3 | 0.034 | 0.002L | 0.010L | 0.610 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 0725 | | | .3 | 0.010 | 0.002L | 0.030 | 0.360 | 0.004 | 0.020 | | | | |
| 06 | 12 | 76 | 0730 | | | .3 | 0.008 | 0.002L | 0.020 | 0.390 | 0.002 | 0.020L | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|--------|--------|
| MAXIMUM | 0.034 | 0.002 | 0.030 | 0.610 | 0.004 | 0.020 |
| AVG OR GEOM MN (*) | 0.017 | 0.002D | 0.023D | 0.408 | 0.003D | 0.020D |
| MINIMUM | 0.008 | 0.002 | 0.010 | 0.270 | 0.002 | 0.020 |
| NO OF SAMPLES | 4 | 4 | 4 | 4 | 4 | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 16 | 08 | 76 | 0700 | | | .3 | 202 | 1.90 | 8.0 | | | | | | | |
| 04 | 10 | 76 | 0725 | | | .3 | 195 | 0.65 | 4.0 | | | | | | | |
| 02 | 11 | 76 | 0725 | | | .3 | 205 | 0.70 | 4.0 | | | | | | | |
| 06 | 12 | 76 | 0730 | | | .3 | 220 | 0.50 | 8.0 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 220 | 1.90 | 8.0 |
| AVG OR GEOM MN (*) | 206 | 0.94 | 5.5 |
| MINIMUM | 195 | 0.50 | 4.0 |
| NO OF SAMPLES | 4 | 4 | 4 |

B.O.W. / SITE: STEENBURG CREEK
SAMPLE POINT: AT HIGHWAY NO.62
STATION TYPE: RIVER

STATION ID: 17-0021-097-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 97 LAT LONG U.T.M. 18 0289450.0 4969450.0 4 REGION 04 MILEAGE 87.80

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|------|-----|------|------|------|------|-------|--------|-----|------|----------|----------|----------|----------|-------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | 800 |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 16 | 08 | 76 | 0800 | | | .3 | 33201 | 6 | | 250. | 10. | 10. | L | 14.0 | 4.0 | 1.0 |
| 04 | 10 | 76 | 0815 | | | .3 | 33218 | 6 B | | 70. | 0. | 4. | L | 11.5 | 10.0 | 1.0 |
| 02 | 11 | 76 | 0745 | | | .3 | 33235 | 6 | | 1200. | 4. | 4. | | 0.0 | 9.0 | 1.0 |
| 06 | 12 | 76 | 0745 | | | .3 | 33252 | 4 | | 60. | 2. | 2. | L | 0.0 | 8.4 | 0.6 |

| | | | | | | |
|--------------------|-------|-----|-----|------|------|-----|
| MAXIMUM | 1200. | 10. | 10. | 14.0 | 10.0 | 1.0 |
| AVG OR GEOM MN (*) | 188. | 3. | 4. | 6.4 | 7.9 | 0.9 |
| MINIMUM | 60. | 0. | 2. | 0.0 | 4.0 | 0.6 |
| NO OF SAMPLES | 4 | 4 | 4 | 4 | 4 | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 16 | 08 | 76 | 0800 | | | .3 | 0.012 | 0.002L | 0.020 | 0.270 | 0.002 | 0.020L | | | | |
| 04 | 10 | 76 | 0815 | | | .3 | 0.010 | 0.002L | 0.010L | 0.320 | 0.002 | 0.020L | | | | |
| 02 | 11 | 76 | 0745 | | | .3 | 0.010 | 0.002L | 0.010 | 0.340 | 0.004 | 0.020L | | | | |
| 06 | 12 | 76 | 0745 | | | .3 | 0.010 | 0.002L | 0.060 | 0.400 | 0.002 | 0.020L | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|-------|--------|
| MAXIMUM | 0.012 | 0.002 | 0.060 | 0.400 | 0.004 | 0.020 |
| AVG OR GEOM MN (*) | 0.011 | 0.002D | 0.025D | 0.333 | 0.003 | 0.020D |
| MINIMUM | 0.010 | 0.002 | 0.010 | 0.270 | 0.002 | 0.020 |
| NO OF SAMPLES | 4 | 4 | 4 | 4 | 4 | 4 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 16 | 08 | 76 | 0800 | | | .3 | 152 | 1.50 | 8.0 | | | | | | | |
| 04 | 10 | 76 | 0815 | | | .3 | 145 | 0.54 | 6.0 | | | | | | | |
| 02 | 11 | 76 | 0745 | | | .3 | 157 | 0.80 | 5.0 | | | | | | | |
| 06 | 12 | 76 | 0745 | | | .3 | 155 | 1.00 | 8.0 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 157 | 1.50 | 8.0 |
| AVG OR GEOM MN (*) | 152 | 0.96 | 6.8 |
| MINIMUM | 145 | 0.54 | 5.0 |
| NO OF SAMPLES | 4 | 4 | 4 |

B.O.W. / SITE: MOIRA RIVER
 SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STATION ID: 17-0026-001-02

STORE# CODE: 02
 004
 1090

| STN NO | 1 | LAT | LONG | U.T.M. 18 0309150.0 4892875.0 4 | REGION 04 | MILEAGE | 0.70 | | | | | | | |
|---------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|--------------------|----------------------|--------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MP/100ML | 805 WATER TEMP DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 07 01 76 1445 | | | .3 | | 18511 | 4 | | 1000. | 300. | 30. | | 0.5 | 13.0 | |
| 11 02 76 1030 | | | .3 | | 18528 | 4 | | 230. | 60. | 10. | L L | 0.5 | 11.0 | 1.4 |
| 24 02 76 1415 | | | .3 | | 17162 | 9 | | | | | | | | |
| 09 03 76 1430 | | | .3 | | 18542 | 3 | | 290. | 10. | 10. | | 1.5 | 13.0 | 1.2 |
| 22 03 76 1530 | | | .3 | | 17174 | 9 | | 800. | 48. | 104. | | 1.0 | 13.0 | 1.4 |
| 06 04 76 1430 | | | .3 | | 18556 | 3 | | 90. | 1. | 1. | | 7.0 | 11.0 | 1.2 |
| 20 04 76 1325 | | | .3 | | 17199 | 6 | 8 | | | | | | | |
| 05 05 76 1435 | | | .3 | | 18570 | 6 | | 120. | 28. | 1. | | 12.0 | 12.0 | 0.8 |
| 21 05 76 1215 | | | .3 | | 17235 | 5 | | | | | | | | |
| 02 06 76 1445 | | | .3 | | 18584 | 6 | | 100. | 1. | 8. | | 22.0 | 10.0 | 0.8 |
| 29 06 76 1440 | | | .3 | | 17292 | 5 | | | | | | 24.5 | 7.4 | 1.0 |
| 07 07 76 1425 | | | .3 | | 18598 | 6 | | | | | | 27.0 | 9.0 | |
| 22 07 76 1515 | | | .3 | | 17332 | 5 | | | | | | | | |
| 11 08 76 1400 | | | .3 | | 18612 | 5 | | 100. | L | 1. | | 27.5 | 10.0 | |
| 12 08 76 1635 | | | .3 | | 17374 | 5 | | | | | | | | |
| 07 09 76 1450 | | | .3 | | 18626 | 5 | | 600. | 200. | 180. | | 22.0 | 10.0 | 1.2 |
| 08 09 76 1350 | | | .3 | | 17378 | 5 | | 100. | 216. | 96. | | 26.0 | 11.4 | 0.6 |
| 16 09 76 1300 | | | .3 | | 17420 | 5 | | | | | | | | |
| 05 10 76 1500 | | | .3 | | 18640 | 5 | | 30. | 20. | 68. | | 20.0 | 11.0 | 1.8 |
| 02 11 76 1450 | | | .3 | | 18654 | 6 | | 110. | 8. | 16. | | 6.0 | 13.0 | 1.9 |
| 08 12 76 1430 | | | .3 | | 18668 | 4 | | | 58. | 40. | | 0.5 | 10.0 | 3.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|-------------------------|
| 07 01 76 1445 | | | .3 | | | | | | | | | | | |
| 11 02 76 1030 | | | .3 | | 0.024 | 0.006 | 0.115 | 0.670 | 0.007 | 0.308 | 183.0 | 4.3 | | 179 |
| 24 02 76 1415 | | | .3 | | | | | | | | | | | |
| 09 03 76 1430 | | | .3 | | 0.031 | 0.008 | 0.106 | 0.620 | 0.008 | 0.397 | 163.0 | 6.2 | | |
| 22 03 76 1530 | | | .3 | | 0.061 | 0.013 | 0.098 | 0.630 | 0.010 | 0.535 | 169.0 | 16.0 | | 153 |
| 06 04 76 1430 | | | .3 | | 0.025 | 0.005 | 0.036 | 0.390 | 0.006 | 0.199 | | 3.2 | | 94 |
| 20 04 76 1325 | | | .3 | | | | | | | | | | | |
| 05 05 76 1435 | | | .3 | | 0.020 | 0.005 | 0.014 | 0.430 | 0.005 | 0.050 | | 2.4 | | 140 |
| 21 05 76 1215 | | | .3 | | | | | | | | | | | |
| 02 06 76 1445 | | | .3 | | 0.027 | 0.008 | 0.008 | 0.500 | 0.004 | 0.005 | 147.0 | 6.5 | | |
| 29 06 76 1440 | | | .3 | | 0.026 | 0.018 | 0.026 | 0.550 | 0.004 | 0.036 | 190.0 | 7.9 | | 182 |
| 07 07 76 1425 | | | .3 | | | | | | | | | | | |
| 22 07 76 1515 | | | .3 | | | | | | | | | | | |
| 11 08 76 1400 | | | .3 | | | | | | | | | | | |
| 12 08 76 1635 | | | .3 | | | | | | | | | | | |
| 07 09 76 1450 | | | .3 | | 0.018 | 0.008 | 0.006 | 0.350 | 0.001 | 0.005 | 168.0 | 4.9 | | |
| 08 09 76 1350 | | | .3 | | 0.065 | 0.029 | 0.002 | 0.500 | 0.001 | 0.005 | 158.0 | 2.4 | | |
| 16 09 76 1300 | | | .3 | | | | | | | | | | | |
| 05 10 76 1500 | | | .3 | | 0.031 | 0.012 | 0.002 | 0.520 | 0.001 | 0.005 | 162.0 | 2.9 | | |
| 02 11 76 1450 | | | .3 | | 0.022 | 0.008 | 0.004 | 0.430 | 0.002 | 0.018 | 169.0 | 2.8 | | |
| 08 12 76 1430 | | | .3 | | 0.036 | 0.015 | 0.006 | 0.960 | 0.003 | 0.067 | 203.0 | 11.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT. ALK AT LAB MG/L | 55 PH PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|-------------------------|-----------------|--------------------|---------------------|
| 11 02 76 1030 | | | .3 | | 275 | 1.60 | 6.2 | | | | | | | |
| 09 03 76 1430 | | | .3 | | 250 | 2.40 | 5.5 | | | | | | | |
| 22 03 76 1530 | | | .3 | | 225 | 7.20 | 5.0 | 16.0 | 2.50 | | | 7.80 | 0.65 | |
| 06 04 76 1430 | | | .3 | | 148 | 2.30 | 2.8 | | | | | | | |
| 05 05 76 1435 | | | .3 | | 215 | 1.00 | 3.9 | | | | | | | |
| 02 06 76 1445 | | | .3 | | 215 | 1.60 | 4.3 | | | | | | | |
| 29 06 76 1440 | | | .3 | | 280 | 1.70 | 5.9 | 15.0 | 2.25 | | | 8.45 | | 0.120 |
| 07 09 76 1450 | | | .3 | | 250 | 1.00 | 5.4 | | | | | | | |
| 08 09 76 1350 | | | .3 | | 240 | 1.00 | 5.5 | | | | | | | |
| 05 10 76 1500 | | | .3 | | 245 | 1.20 | 6.2 | | | | | | | |
| 02 11 76 1450 | | | .3 | | 255 | 2.50 | 6.2 | | | | | | | |
| 08 12 76 1430 | | | .3 | | 295 | 1.80 | 10.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 11 | 02 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 22 | 03 | 76 | 1530 | | | .3 | | 2.0 | | | | | | | 6 | 22 | 1 |
| 06 | 04 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1435 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1445 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 1440 | | | .3 | | | | | | | | | 6 | 26 | |
| 07 | 09 | 76 | 1450 | | | .3 | | | | | | | | | | | |
| 08 | 09 | 76 | 1350 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1500 | | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1450 | | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 2.0 | | | | | | | 6 | 26 | 1 |
| AVG OR GEOM MN (*) | | | | | | | | 2.0 | | | | | | | 6 | 24 | 1 |
| MINIMUM | | | | | | | | 2.0 | | | | | | | 6 | 22 | 1 |
| NO OF SAMPLES | | | | | | | | 1 | | | | | | | 2 | 2 | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 02 | 76 | 1030 | | | .3 | | 0.007 | | | | | | | | | |
| 24 | 02 | 76 | 1415 | | | .3 | | 0.006 | | | | | | | | | |
| 09 | 03 | 76 | 1430 | | | .3 | | 0.008 | | | | | | | | | |
| 22 | 03 | 76 | 1530 | | | .3 | | 0.011L | 0.03 L | | 0.02 L | 0.02 L | 0.01 L | 0.01 L | 0.01 L | | 0.01 L |
| 06 | 04 | 76 | 1430 | | | .3 | | 0.018 | | | | | | | | | |
| 20 | 04 | 76 | 1325 | | | .3 | | 0.011 | | | | | | | | | |
| 05 | 05 | 76 | 1435 | | | .3 | | 0.010 | | | | | | | | | |
| 21 | 05 | 76 | 1215 | | | .3 | | 0.008 | | | | | | | | | |
| 02 | 06 | 76 | 1445 | | | .3 | | 0.010 | | | | | | | | | |
| 29 | 06 | 76 | 1440 | | | .3 | | 0.013 | 0.060L | | 0.010 | 0.020 | 0.010L | 0.010L | 0.020 | | 0.010 |
| 22 | 07 | 76 | 1515 | | | .3 | | 0.012 | | | | | | | | | |
| 12 | 08 | 76 | 1635 | | | .3 | | 0.016 | | | | | | | | | |
| 07 | 09 | 76 | 1450 | | | .3 | | 0.020 | | | | | | | | | |
| 16 | 09 | 76 | 1300 | | | .3 | | 0.020 | | | | | | | | | |
| 28 | 10 | 76 | 1250 | | | .3 | | 0.012 | | | | | | | | | |
| 02 | 11 | 76 | 1450 | | | .3 | | 0.014 | | | | | | | | | |
| 25 | 11 | 76 | 1320 | | | .3 | | 0.018 | | | | | | | | | |
| 08 | 12 | 76 | 1430 | | | .3 | | 0.016 | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.020 | 0.060 | | 0.02 | 0.02 | 0.01 | 0.01 | 0.020 | | 0.01 |
| AVG OR GEOM MN (*) | | | | | | | | 0.013D | 0.045D | | 0.015D | 0.020D | 0.010D | 0.010D | 0.015D | | 0.010D |
| MINIMUM | | | | | | | | 0.006 | 0.03 | | 0.010 | 0.02 | 0.01 | 0.01 | 0.01 | | 0.01 |
| NO OF SAMPLES | | | | | | | | 18 | 2 | | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W. / SITE: MOIRA RIVER
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER FLOW GAUGE FED 02HL001

STATION ID: 17-0026-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

| STN NO | 2 | LAT | LONG | U.T.M. 18 0308750.0 4897325.0 4 | REGION 04 | MILEAGE | 3.90 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 28 | 01 | 76 | 1430 | | | .3 | | 17150 | 4 | 652.00 | | | | | 0.0 | 12.0 | 0.8 |
| 24 | 02 | 76 | 1330 | | | .3 | | 17161 | 6 | 1590.00 | | | | | 2.0 | 12.0 | 0.8 |
| 09 | 03 | 76 | 1410 | | | .3 | | 18541 | 3 | 2780.00 | 230. | 10. L | 20. | | 2.0 | 12.0 | 1.2 |
| 22 | 03 | 76 | 1435 | | | .3 | | 17173 | 9 | 3500.00 | 100. | 52. | 124. | | 1.0 | 11.4 | 1.2 |
| 06 | 04 | 76 | 1405 | | | .3 | | 18555 | 3 | 10100.00 | 160. | 1. | 8. | | 7.0 | 12.0 | 1.0 |
| 20 | 04 | 76 | 1310 | | | .3 | | 17198 | 6 8 | | | | | | | | |
| 05 | 05 | 76 | 1415 | | | .3 | | 18569 | 6 | 1090.00 | 300. | 1. | 1. | | 12.0 | 10.0 | 1.0 |
| 21 | 05 | 76 | 1210 | | | .3 | | 17234 | 5 | 1400.00 | | | | | | | |
| 02 | 06 | 76 | 1420 | | | .3 | | 18583 | 6 | 720.00 | 170. | 1. | 1. | | 20.5 | 10.0 | 0.6 |
| 17 | 06 | 76 | 1350 | | | .3 | | 17287 | 5 | 267.00 | | | | | | | |
| 07 | 07 | 76 | 1410 | | | .3 | | 18597 | 6 | 189.00 | | | | | 27.0 | 10.0 | |
| 22 | 07 | 76 | 1515 | | | .3 | | 17331 | 5 | 97.50 | 36. | 0. | 0. | | | | 0.5 |
| 11 | 08 | 76 | 1330 | | | .3 | | 18611 | 5 | 89.90 | 300. | | 1. | | 24.5 | 9.0 | 0.8 |
| 12 | 08 | 76 | 1615 | | | .3 | | 17373 | 5 | 87.90 | 21000. | 600. G | 2000 | | | | 5.0 |
| 07 | 09 | 76 | 1425 | | | .3 | | 18625 | 5 | 68.50 | 600. | 44. | 12. | | 20.5 | 10.0 | 0.8 |
| 16 | 09 | 76 | 1250 | | | .3 | | 17419 | 5 | 59.50 | | | | | | | |
| 05 | 10 | 76 | 1435 | | | .3 | | 18639 | 5 | 72.70 | 10. | 4. | 0. | | 18.0 | 10.0 | 1.8 |
| 28 | 10 | 76 | 1235 | | | .3 | | 17457 | | 221.00 | | | | | | | |
| 02 | 11 | 76 | 1425 | | | .3 | | 18653 | 6 | 282.00 | 580. | 18. | 16. | | 6.0 | 13.0 | 0.7 |
| 25 | 11 | 76 | 1300 | | | .3 | | 17505 | | 206.00 | | | | | | | |
| 08 | 12 | 76 | 1415 | | | .3 | | 18667 | 4 | 267.00 | 6600. | 1780. | 32. | | 0.5 | 7.0 | 2.0 |
| MAXIMUM | | | | | | | | | | 10100.00 | 21000. | 1780. | 2000. | | 27.0 | 13.0 | 5.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1187.00 | 316.* | 13.* E | 9.* | | 10.8 | 10.6 | 1.3 |
| MINIMUM | | | | | | | | | | 59.50 | 10. | 0. | 0. | | 0.0 | 7.0 | 0.5 |
| NO OF SAMPLES | | | | | | | | | | 20 | 12 | 11 | 12 | | 13 | 13 | 14 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 01 | 76 | 1430 | | .3 | | 0.046 | 0.015 | 0.090 | 0.650 | 0.020 | 0.390 | 179.0 | 3.3 | | 176 |
| 24 | 02 | 76 | 1330 | | .3 | | 0.048 | 0.019 | 0.002L | 0.590 | 0.160 | 0.650 | 189.0 | 7.7 | | 182 |
| 09 | 03 | 76 | 1410 | | .3 | | 0.032 | 0.007 | 0.106 | 0.620 | 0.006 | 0.429 | | | | |
| 22 | 03 | 76 | 1435 | | .3 | | 0.060 | 0.014 | 0.104 | 0.680 | 0.011 | 0.554 | 181.0 | 28.0 | | |
| 06 | 04 | 76 | 1405 | | .3 | | 0.023 | 0.006 | 0.036 | 0.380 | 0.006 | 0.189 | | | | |
| 20 | 04 | 76 | 1310 | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1415 | | .3 | | 0.020 | 0.005 | 0.008 | 0.390 | 0.005 | 0.070 | | | | |
| 21 | 05 | 76 | 1210 | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1420 | | .3 | | 0.023 | 0.007 | 0.004 | 0.500 | 0.003 | 0.005L | 146.0 | 3.3 | | |
| 17 | 06 | 76 | 1350 | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1410 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1515 | | .3 | | 0.025 | 0.007 | 0.012 | 0.520 | 0.001 | 0.005L | 180.0 | 7.7 | | |
| 11 | 08 | 76 | 1330 | | .3 | | 0.024 | 0.005 | 0.008 | 0.800 | 0.001 | 0.005L | | | | |
| 12 | 08 | 76 | 1615 | | .3 | | 1.400 | 0.059 | 0.026 | 1.400 | 0.021 | 0.034 | 209.0 | 20.0 | | |
| 07 | 09 | 76 | 1425 | | .3 | | 0.015 | 0.009 | 0.002L | 0.390 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1250 | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1435 | | .3 | | 0.023 | 0.008 | 0.002L | 0.540 | 0.001 | 0.005L | | | | |
| 28 | 10 | 76 | 1235 | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1425 | | .3 | | 0.024 | 0.008 | 0.002L | 0.450 | 0.002 | 0.028 | | | | |
| 25 | 11 | 76 | 1300 | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1415 | | .3 | | 0.021 | 0.011 | 0.004 | 0.670 | 0.003 | 0.087 | 178.0 | 2.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|-------|-------|--------|-------|-------|--------|-------|------|--|-----|
| | | | | | | | MAXIMUM | 1.400 | 0.059 | 0.106 | 1.400 | 0.160 | 0.650 | 209.0 | 28.0 | | 182 |
| | | | | | | | AVG OR GEOM MN (*) | 0.127 | 0.013 | 0.029D | 0.613 | 0.017 | 0.175D | 180.3 | 10.3 | | 179 |
| | | | | | | | MINIMUM | 0.015 | 0.005 | 0.002 | 0.380 | 0.001 | 0.005 | 146.0 | 2.0 | | 176 |
| | | | | | | | NO OF SAMPLES | 14 | 14 | 14 | 14 | 14 | 14 | 7 | 7 | | 2 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 01 | 76 | 1430 | | .3 | | 270 | 1.10 | 7.0 | 26.0 | 2.30 | 1.8 | 104 | 8.00 | 0.24 | |
| 24 | 02 | 76 | 1330 | | .3 | | 280 | 1.60 | 6.7 | 19.0 | 2.95 | 3.6 | 107 | 7.70 | 0.40 | |
| 09 | 03 | 76 | 1410 | | .3 | | 255 | 2.90 | 5.2 | | | | | | | |
| 22 | 03 | 76 | 1435 | | .3 | | 225 | 16.00 | 4.6 | 16.0 | 2.50 | 4.6 | 95 | 7.90 | 2.00 | |
| 06 | 04 | 76 | 1405 | | .3 | | 148 | 1.70 | 2.9 | | | | | | | |
| 05 | 05 | 76 | 1415 | | .3 | | 220 | 1.50 | 3.7 | | | | | | | |
| 02 | 06 | 76 | 1420 | | .3 | | 220 | 1.30 | 4.5 | | | | | | | |
| 22 | 07 | 76 | 1515 | | .3 | | 265 | 0.80 | 4.8 | 13.5 | 2.45 | 0.0 | 125 | 8.55 | | 0.050 |
| 11 | 08 | 76 | 1330 | | .3 | | 215 | 1.70 | 4.6 | | | | | | | |
| 12 | 08 | 76 | 1615 | | .3 | | 270 | 7.80 | 6.1 | 15.0 | 1.60 | 2.6 | 116 | 7.96 | | 2.750 |
| 07 | 09 | 76 | 1425 | | .3 | | 250 | 0.78 | 4.7 | | | | | | | |
| 05 | 10 | 76 | 1435 | | .3 | | 250 | 1.20 | 4.9 | | | | | | | |
| 02 | 11 | 76 | 1425 | | .3 | | 255 | 2.50 | 5.4 | | | | | | | |
| 08 | 12 | 76 | 1415 | | .3 | | 270 | 1.50 | 5.6 | | | | | | | |

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|--|--|--|--|--|--|--|--------------------|-----|-------|-----|------|------|-----|-----|------|------|-------|
| | | | | | | | MAXIMUM | 280 | 16.00 | 7.0 | 26.0 | 2.95 | 4.6 | 125 | 8.55 | 2.00 | 2.750 |
| | | | | | | | AVG OR GEOM MN (*) | 242 | 3.03 | 5.1 | 17.9 | 2.36 | 2.5 | 109 | 8.02 | 0.88 | 1.400 |
| | | | | | | | MINIMUM | 148 | 0.78 | 2.9 | 13.5 | 1.60 | 0.0 | 95 | 7.70 | 0.24 | 0.050 |
| | | | | | | | NO OF SAMPLES | 14 | 14 | 14 | 5 | 5 | 5 | 5 | 5 | 3 | 2 |

| SAMP DY | DTE MO | HOUR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 28 | 01 | 76 | 1430 | | .3 | | 1.0L | 130.0 | 43.00 | 5.45 | 30 | 1.55 | 4.00 | | 24 | |
| 24 | 02 | 76 | 1330 | | .3 | | 1.0 | 138.0 | 47.00 | 5.00 | 40 | 1.45 | 4.60 | | 20 | |
| 09 | 03 | 76 | 1410 | | .3 | | | | | | | | | | | |
| 22 | 03 | 76 | 1435 | | .3 | | 1.0L | 114.0 | 39.00 | 4.00 | 40 | 1.50 | 3.10 | | 32 | |
| 06 | 04 | 76 | 1405 | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1415 | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1420 | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1515 | | .3 | | 2.0 | 138.0 | 46.00 | 5.50 | 30 | 0.75 | 3.30 | | 20 | |
| 11 | 08 | 76 | 1330 | | .3 | | | | | | | | | | | |
| 12 | 08 | 76 | 1615 | | .3 | | 1.0L | 134.0 | 43.00 | 6.50 | 30 | 1.10 | 5.00 | | 30 | |
| 07 | 09 | 76 | 1425 | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1435 | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1425 | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1415 | | .3 | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--------------------|------|-------|-------|------|----|------|------|---|----|
| | | | | | | | MAXIMUM | 2.0 | 138.0 | 47.00 | 6.50 | 40 | 1.55 | 5.00 | | 32 |
| | | | | | | | AVG OR GEOM MN (*) | 1.2D | 130.8 | 43.60 | 5.29 | 34 | 1.27 | 4.00 | | 25 |
| | | | | | | | MINIMUM | 1.0 | 114.0 | 39.00 | 4.00 | 30 | 0.75 | 3.10 | | 20 |
| | | | | | | | NO OF SAMPLES | 5 | 5 | 5 | 5 | 5 | 5 | | 5 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 28 | 01 | 76 | 1430 | | | .3 | | 0.009 | | 0.180 | | 0.030 | | | 0.040 | 0.024 | 0.020L |
| 24 | 02 | 76 | 1330 | | | .3 | | 0.007 | | | | | | | | 0.034 | |
| 09 | 03 | 76 | 1410 | | | .3 | | 0.008 | | | | | | | | | |
| 22 | 03 | 76 | 1435 | | | .3 | | 0.011 | | 1.300 | | 0.020L | | | 0.010L | 0.066 | 0.020L |
| 06 | 04 | 76 | 1405 | | | .3 | | 0.012 | | | | | | | | | |
| 20 | 04 | 76 | 1310 | | | .3 | | 0.011 | | | | | | | | | |
| 21 | 05 | 76 | 1210 | | | .3 | | 0.008 | | | | | | | | | |
| 02 | 06 | 76 | 1420 | | | .3 | | 0.009 | | | | | | | | | |
| 17 | 06 | 76 | 1350 | | | .3 | | 0.02 | | | | | | | | | |
| 22 | 07 | 76 | 1515 | | | .3 | | 0.014 | | 0.050 | | 0.030 | | | 0.020 | 0.038 | 0.010L |
| 12 | 08 | 76 | 1615 | | | .3 | | 0.016 | | 0.120 | | 0.020 | | | 0.010L | 0.210 | 0.010L |
| 07 | 09 | 76 | 1425 | | | .3 | | 0.020 | | | | | | | | | |
| 16 | 09 | 76 | 1250 | | | .3 | | 0.020 | | | | | | | | | |
| 28 | 10 | 76 | 1235 | | | .3 | | 0.013 | | | | | | | | | |
| 02 | 11 | 76 | 1425 | | | .3 | | 0.015 | | | | | | | | | |
| 25 | 11 | 76 | 1300 | | | .3 | | 0.015 | | | | | | | | | |
| 08 | 12 | 76 | 1415 | | | .3 | | 0.014 | | | | | | | | | |

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|--------------------|-------|-------|--------|--------|-------|--------|
| MAXIMUM | 0.02 | 1.300 | 0.030 | 0.040 | 0.210 | 0.020 |
| AVG OR GEOM MN (*) | 0.013 | 0.413 | 0.025D | 0.020D | 0.074 | 0.015D |
| MINIMUM | 0.007 | 0.050 | 0.020 | 0.010 | 0.024 | 0.010 |
| NO OF SAMPLES | 17 | 4 | 4 | 4 | 5 | 4 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 28 | 01 | 76 | 1430 | | | .3 | | 0.1 | | | | | | | | | 17150 |
| 24 | 02 | 76 | 1330 | | | .3 | | 0.1 | | | | | | | | | 17161 |
| 09 | 03 | 76 | 1410 | | | .3 | | | | | | | | | | | 18541 |
| 22 | 03 | 76 | 1435 | | | .3 | | 0.1 | | | | | | | | | 17173 |
| 06 | 04 | 76 | 1405 | | | .3 | | | | | | | | | | | 18555 |
| 20 | 04 | 76 | 1310 | | | .3 | | | | | | | | | | | 17198 |
| 21 | 05 | 76 | 1210 | | | .3 | | | | | | | | | | | 17234 |
| 02 | 06 | 76 | 1420 | | | .3 | | | | | | | | | | | 18583 |
| 17 | 06 | 76 | 1350 | | | .3 | | | | | | | | | | | 17287 |
| 22 | 07 | 76 | 1515 | | | .3 | | 0.1 | | | | | | | | | 17331 |
| 12 | 08 | 76 | 1615 | | | .3 | | 0.1 | | | | | | | | | 17373 |
| 07 | 09 | 76 | 1425 | | | .3 | | | | | | | | | | | 18625 |
| 16 | 09 | 76 | 1250 | | | .3 | | | | | | | | | | | 17419 |
| 28 | 10 | 76 | 1235 | | | .3 | | | | | | | | | | | 17467 |
| 02 | 11 | 76 | 1425 | | | .3 | | | | | | | | | | | 18653 |
| 25 | 11 | 76 | 1300 | | | .3 | | | | | | | | | | | 17505 |
| 08 | 12 | 76 | 1415 | | | .3 | | | | | | | | | | | 18667 |

| | |
|--------------------|-----|
| MAXIMUM | 0.1 |
| AVG OR GEOM MN (*) | 0.1 |
| MINIMUM | 0.1 |
| NO OF SAMPLES | 5 |

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: AT STOCO LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STATION ID: 17-0026-003-02

STORET CODE: 02
004
1090

| STN NO | 3 | LAT | LONG | U.T.M. 18 | 0317125.0 | 4925150.0 | 4 | REGION 04 | MILEAGE | 27.20 | | | | | | | |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 0915 | | | .3 | | 18500 | 4 | | 760. | 170. | 40. | | 0.5 | 12.0 | 4.2 |
| 28 | 01 | 76 | 1350 | | | .3 | | 17149 | 4 | | | | | | | | |
| 10 | 02 | 76 | 0925 | | | .3 | | 18515 | 4 | | 330. | 140. | 20. | | 1.0 | 12.0 | 1.4 |
| 24 | 02 | 76 | 1255 | | | .3 | | 17160 | 6 | | | | | | | | |
| 09 | 03 | 76 | 0930 | | | .3 | | 18529 | 3 | | 1800. | 100. | L | 20. | 1.0 | 13.0 | 1.2 |
| 22 | 03 | 76 | 1400 | | | .3 | | 17172 | 6 | | | | | | | | |
| 20 | 04 | 76 | 1240 | | | .3 | | 17197 | 6 | B | | | | | | | |
| 05 | 05 | 76 | 0930 | | | .3 | | 18557 | 6 | | 290. | 8. | 12. | | 11.0 | 10.0 | 1.2 |
| 05 | 05 | 76 | 1145 | | | .3 | | 17233 | 5 | | | | | | | | |
| 05 | 05 | 76 | 0920 | | | .3 | | 18571 | 6 | | | | | | 18.0 | 10.0 | 1.2 |
| 05 | 05 | 76 | 1335 | | | .3 | | 17286 | 5 | | | | | | 24.0 | 8.0 | 1.0 |
| 07 | 07 | 76 | 0920 | | | .3 | | 18585 | 6 | | | | | | | | |
| 22 | 07 | 76 | 1450 | | | .3 | | 17330 | 5 | | | | | | | | |
| 11 | 08 | 76 | 0910 | | | .3 | | 18599 | 5 | | 100. | | 1. | | 22.5 | 10.0 | 4.4 |
| 12 | 08 | 76 | 1545 | | | .3 | | 17372 | 5 | | | | | | | | |
| 07 | 09 | 76 | 0930 | | | .3 | | 18613 | 5 | | 50. | 1. | 1. | | 19.0 | 10.0 | 2.4 |
| 16 | 09 | 76 | 1220 | | | .3 | | 17418 | 5 | | | | | | | | |
| 05 | 10 | 76 | 0930 | | | .3 | | 18627 | 5 | | 40. | 1. | 0. | | 16.0 | 10.0 | 4.8 |
| 02 | 11 | 76 | 0925 | | | .3 | | 18641 | 6 | | 32. | 1. | 1. | | 5.0 | 9.0 | 1.6 |
| 08 | 12 | 76 | 0915 | | | .3 | | 18655 | 4 | | 36. | 2. | L | 4. | 0.5 | 7.0 | 1.4 |
| | | | | | | | | | | | 1800. | 170. | 40. | | 24.0 | 13.0 | 4.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 146.* | 9.* D | 5.* | | 10.8 | 10.1 | 2.3 |
| MINIMUM | | | | | | | | | | | 32. | 1. | 0. | | 0.5 | 7.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | | | | 9 | 8 | 9 | | 11 | 11 | 11 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 0915 | | | .3 | | 0.064 | 0.007 | 0.120 | 1.100 | 0.006 | 0.120 | | | | |
| 28 | 01 | 76 | 1350 | | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 0925 | | | .3 | | 0.028 | 0.006 | 0.210 | 0.910 | 0.006 | 0.160 | | | | |
| 24 | 02 | 76 | 1255 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 0930 | | | .3 | | 0.038 | 0.012 | 0.202 | 0.770 | 0.010 | 0.270 | | | | |
| 22 | 03 | 76 | 1400 | | | .3 | | | | | | | | | | | |
| 20 | 04 | 76 | 1240 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 0930 | | | .3 | | 0.024 | 0.006 | 0.028 | 0.540 | 0.005 | 0.050 | | | | |
| 21 | 05 | 76 | 1145 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 0920 | | | .3 | | 0.030 | 0.009 | 0.002 | 0.490 | 0.002 | 0.005L | | | | |
| 17 | 06 | 76 | 1335 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 0920 | | | .3 | | 0.024 | 0.007 | 0.008 | 0.390 | 0.001 | 0.005L | | | | |
| 22 | 07 | 76 | 1450 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 0910 | | | .3 | | 0.054 | 0.010 | 0.054 | 1.000 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1545 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 0930 | | | .3 | | 0.048 | 0.017 | 0.022 | 0.760 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 0930 | | | .3 | | 0.093 | 0.016 | 0.048 | 1.410 | 0.003 | 0.007 | 117.0 | 9.7 | | |
| 02 | 11 | 76 | 0925 | | | .3 | | 0.033 | 0.012 | 0.008 | 0.510 | 0.001 | 0.005L | | | | |
| 08 | 12 | 76 | 0915 | | | .3 | | 0.039 | 0.010 | 0.010 | 0.720 | 0.003 | 0.032 | 123.0 | 3.1 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.093
0.043
0.024

0.017
0.010
0.006

0.210
0.065
0.002

1.410
0.782
0.390

0.010
0.004
0.001

0.270
0.060D
0.005

123.0
120.0
117.0

NO OF SAMPLES

11

11

11

11

11

11

2

2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 0915 | | | .3 | | 175 | 1.40 | 4.1 | | | | | | | |
| 10 | 02 | 76 | 0925 | | | .3 | | 200 | 1.50 | 3.8 | | | | | | | |
| 09 | 03 | 76 | 0930 | | | .3 | | 185 | 1.50 | 4.8 | | | | | | | |
| 05 | 05 | 76 | 0930 | | | .3 | | 155 | 1.80 | 3.1 | | | | | | | |
| 02 | 06 | 76 | 0920 | | | .3 | | 160 | 1.70 | 3.0 | | | | | | | |
| 07 | 07 | 76 | 0920 | | | .3 | | 187 | 1.30 | 3.3 | | | | | | | |
| 11 | 08 | 76 | 0910 | | | .3 | | 180 | 3.50 | 3.4 | | | | | | | |
| 07 | 09 | 76 | 0930 | | | .3 | | 175 | 3.60 | 3.1 | | | | | | | |
| 05 | 10 | 76 | 0930 | | | .3 | | 165 | 8.00 | 2.6 | | | | | | | |
| 02 | 11 | 76 | 0925 | | | .3 | | 165 | 2.50 | 3.4 | | | | | | | |
| 08 | 12 | 76 | 0915 | | | .3 | | 185 | 2.00 | 4.1 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

200
176
155

8.00
2.62
1.30

4.8
3.5
2.6

NO OF SAMPLES

11

11

11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 0915 | | | .3 | | 0.014 | | | | | | | | | |
| 28 | 01 | 76 | 1350 | | | .3 | | 0.014 | | | | | | | | | |
| 10 | 02 | 76 | 0925 | | | .3 | | 0.011 | | | | | | | | | |
| 24 | 02 | 76 | 1255 | | | .3 | | 0.012 | | | | | | | | | |
| 09 | 03 | 76 | 0930 | | | .3 | | 0.013 | | | | | | | | | |
| 22 | 03 | 76 | 1400 | | | .3 | | 0.022 | | | | | | | | | |
| 20 | 04 | 76 | 1240 | | | .3 | | 0.012 | | | | | | | | | |
| 05 | 05 | 76 | 0930 | | | .3 | | 0.012 | | | | | | | | | |
| 21 | 05 | 76 | 1145 | | | .3 | | 0.01 | | | | | | | | | |
| 02 | 06 | 76 | 0920 | | | .3 | | 0.010 | | | | | | | | | |
| 17 | 06 | 76 | 1335 | | | .3 | | 0.02 | | | | | | | | | |
| 22 | 07 | 76 | 1450 | | | .3 | | 0.025 | | | | | | | | | |
| 12 | 08 | 76 | 1545 | | | .3 | | 0.031 | | | | | | | | | |
| 07 | 09 | 76 | 0930 | | | .3 | | 0.050 | | | | | | | | | |
| 16 | 09 | 76 | 1220 | | | .3 | | 0.040 | | | | | | | | | |
| 28 | 10 | 76 | 1205 | | | .3 | | 0.025 | | | | | | | | | |
| 02 | 11 | 76 | 0925 | | | .3 | | 0.021 | | | | | | | | | |
| 25 | 11 | 76 | 1230 | | | .3 | | 0.024 | | | | | | | | | |
| 08 | 12 | 76 | 0915 | | | .3 | | 0.001 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.050
0.019
0.001

NO OF SAMPLES

19

B.O.W. / SITE: MOIRA RIVER
 SAMPLE POINT: STOCO BRIDGE HUNGERFORD TOWNSHIP
 STATION TYPE: RIVER

STATION ID: 17-0026-004-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STORET CODE: 02
 004
 1090

| STN NO | | | | 4 | LAT | | LONG | | U.T.M. 18 0318925.0 4925175.0 4 | | | | REGION 04 | | MILEAGE | | 29.70 | |
|---------|----|--------|-------|-----|---------------|---------|-----------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 0935 | | | | .3 | | 18501 | 4 | | 880. | 160. | 20. | | 1.0 | 13.0 | 1.0 |
| 28 | 01 | 76 | 1335 | | | | .3 | | 17148 | 4 | | | | | | | | |
| 10 | 02 | 76 | 0945 | | | | .3 | | 18516 | 4 | | 400. | 160. | 10. | | 1.0 | 12.0 | 1.6 |
| 24 | 02 | 76 | 1248 | | | | .3 | | 17159 | 6 | | | | | | | | |
| 09 | 03 | 76 | 0940 | | | | .3 | | 18530 | 3 | | 1300. | 100. | L | 10. | 1.0 | 12.0 | 0.8 |
| 22 | 03 | 76 | 1355 | | | | .3 | | 17171 | 6 | | | | | | | | |
| 06 | 04 | 76 | 0930 | | | | .3 | | 18544 | 3 | | 50. | 1. | 1. | | 5.0 | 13.0 | 1.2 |
| 20 | 04 | 76 | 1230 | | | | .3 | | 17196 | 6 8 | | | | | | | | |
| 05 | 05 | 76 | 0950 | | | | .3 | | 18558 | 6 | | 190. | 4. | 4. | | 10.5 | 9.0 | 1.0 |
| 21 | 05 | 76 | 1140 | | | | .3 | | 17232 | 5 | | | | | | | | |
| 02 | 06 | 76 | 0935 | | | | .3 | | 18572 | 6 | | | | | | 18.0 | 9.0 | 0.6 |
| 17 | 06 | 76 | 1330 | | | | .3 | | 17285 | 5 | | | | | | | | |
| 07 | 07 | 76 | 0930 | | | | .3 | | 18586 | 6 | | | | | | 25.0 | 8.0 | 1.2 |
| 22 | 07 | 76 | 1445 | | | | .3 | | 17329 | 5 | | | | | | | | |
| 11 | 08 | 76 | 0920 | | | | .3 | | 18600 | 5 | | 500. | | 10. | | 23.0 | 8.0 | 2.4 |
| 12 | 08 | 76 | 1540 | | | | .3 | | 17371 | 5 | | | | | | | | |
| 07 | 09 | 76 | 0945 | | | | .3 | | 18614 | 5 | | 300. | 1. | 1. | | 18.5 | 10.0 | 2.2 |
| 16 | 09 | 76 | 1215 | | | | .3 | | 17417 | 5 | | | | | | | | |
| 05 | 10 | 76 | 0945 | | | | .3 | | 18628 | 5 | | 30. | 1. | 0. | | 15.0 | 9.0 | 2.0 |
| 02 | 11 | 76 | 0935 | | | | .3 | | 18642 | 5 | | 10. | 2. | 1. | | 5.0 | 12.0 | 1.5 |
| 08 | 12 | 76 | 0930 | | | | .3 | | 18656 | 4 | | 12. | 6. | 2. | L | 0.5 | 10.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1300.
 137.*
 10.

160.
 8.* D
 1.

20.
 3.* D
 0.

25.0
 10.3
 0.5

13.0
 10.4
 8.0

2.4
 1.4
 0.6

NO OF SAMPLES

10 9 10

12

12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 0935 | | | .3 | | 0.022 | 0.005 | 0.080 | 0.700 | 0.006 | 0.110 | | | | |
| 28 | 01 | 76 | 1335 | | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 0945 | | | .3 | | 0.026 | 0.007 | 0.200 | 0.830 | 0.007 | 0.155 | | | | |
| 24 | 02 | 76 | 1248 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 0940 | | | .3 | | 0.029 | 0.008 | 0.174 | 0.660 | 0.008 | 0.248 | | | | |
| 22 | 03 | 76 | 1355 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 0930 | | | .3 | | 0.024 | 0.005 | 0.054 | 0.390 | 0.006 | 0.194 | | | | |
| 20 | 04 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 0950 | | | .3 | | 0.023 | 0.005 | 0.008 | 0.460 | 0.005 | 0.040 | | | | |
| 21 | 05 | 76 | 1140 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 0935 | | | .3 | | 0.023 | 0.007 | 0.022 | 0.460 | 0.002 | 0.005L | | | | |
| 17 | 06 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 0930 | | | .3 | | 0.036 | 0.012 | 0.008 | 0.550 | 0.002 | 0.005L | | | | |
| 22 | 07 | 76 | 1445 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 0920 | | | .3 | | 0.051 | 0.011 | 0.056 | 0.800 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1540 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 0945 | | | .3 | | 0.050 | 0.017 | 0.020 | 0.780 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1215 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 0945 | | | .3 | | 0.047 | 0.016 | 0.052 | 0.760 | 0.004 | 0.026 | 112.0 | 4.9 | | |
| 02 | 11 | 76 | 0935 | | | .3 | | 0.037 | 0.013 | 0.006 | 0.540 | 0.001 | 0.005L | | | | |
| 08 | 12 | 76 | 0930 | | | .3 | | 0.031 | 0.012 | 0.022 | 0.740 | 0.002 | 0.018 | 123.0 | 2.9 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.051
 0.033
 0.022

0.017
 0.010
 0.005

0.200
 0.059
 0.006

0.830
 0.639
 0.390

0.008
 0.004
 0.001

0.248
 0.0680
 0.005

123.0
 117.5
 112.0

4.9
 3.9
 2.9

NO OF SAMPLES

12 12 12

12 12

2

2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 0935 | | | .3 | | 190 | 1.30 | 4.0 | | | | | | | |
| 10 | 02 | 76 | 0945 | | | .3 | | 195 | 2.00 | 3.9 | | | | | | | |
| 09 | 03 | 76 | 0940 | | | .3 | | 195 | 1.50 | 4.6 | | | | | | | |
| 06 | 04 | 76 | 0930 | | | .3 | | 130 | 1.70 | 2.8 | | | | | | | |
| 05 | 05 | 76 | 0950 | | | .3 | | 155 | 1.50 | 3.0 | | | | | | | |
| 02 | 06 | 76 | 0935 | | | .3 | | 165 | 1.30 | 3.0 | | | | | | | |
| 07 | 07 | 76 | 0930 | | | .3 | | 184 | 1.50 | 3.3 | | | | | | | |
| 11 | 08 | 76 | 0920 | | | .3 | | 180 | 2.30 | 3.1 | | | | | | | |
| 07 | 09 | 76 | 0945 | | | .3 | | 175 | 3.20 | 3.1 | | | | | | | |
| 05 | 10 | 76 | 0945 | | | .3 | | 165 | 3.00 | 2.5 | | | | | | | |
| 02 | 11 | 76 | 0935 | | | .3 | | 160 | 2.50 | 3.0 | | | | | | | |
| 08 | 12 | 76 | 0930 | | | .3 | | 185 | 1.40 | 4.1 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

195
 173
 130

3.20
 1.93
 1.30

4.6
 3.4
 2.5

NO OF SAMPLES

12 12 12

| SAMP DTE HOUR | STN | STN SAMP PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|---------------|---------------------|-------------|------------------------|------------------------|-------------------------|-------------------------|-----------------------|---------------------|------------------------|---------------------|-------------------|-----------------------|
| DY MO YR LMT | DIST BRG DEPTH FEET | MTRS | | | | | | | | | | |
| 07 01 76 0935 | | .3 | 0.015 | | | | | | | | | |
| 28 01 76 1335 | | .3 | 0.011 | | | | | | | | | |
| 10 02 76 0945 | | .3 | 0.011 | | | | | | | | | |
| 24 02 76 1248 | | .3 | 0.009 | | | | | | | | | |
| 09 03 76 0940 | | .3 | 0.010 | | | | | | | | | |
| 22 03 76 1355 | | .3 | 0.019 | | | | | | | | | |
| 06 04 76 0930 | | .3 | 0.015 | | | | | | | | | |
| 20 04 76 1230 | | .3 | 0.010 | | | | | | | | | |
| 05 05 76 0950 | | .3 | 0.013 | | | | | | | | | |
| 21 05 76 1140 | | .3 | 0.01 | | | | | | | | | |
| 02 06 76 0935 | | .3 | 0.010 | | | | | | | | | |
| 17 06 76 1330 | | .3 | 0.006 | | | | | | | | | |
| 22 07 76 1445 | | .3 | 0.021 | | | | | | | | | |
| 12 08 76 1540 | | .3 | 0.033 | | | | | | | | | |
| 07 09 76 0945 | | .3 | 0.050 | | | | | | | | | |
| 16 09 76 1215 | | .3 | 0.040 | | | | | | | | | |
| 28 10 76 1200 | | .3 | 0.026 | | | | | | | | | |
| 02 11 76 0935 | | .3 | 0.021 | | | | | | | | | |
| 25 11 76 1225 | | .3 | 0.022 | | | | | | | | | |
| 08 12 76 0930 | | .3 | 0.016 | | | | | | | | | |

MAXIMUM 0.050
AVG OR GEOM MN (*) 0.018
MINIMUM 0.006
NO OF SAMPLES 20

B.O.W./ SITE: STOCO LAKE
SAMPLE POINT: MUNICIPAL BEACH A TWEED
STATION TYPE: LAKE

STATION ID: 17-0026-005-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 5 LAT LONG U.T.M. 18 0316500.0 4926700.0 4 REGION 04 MILEAGE 31.00

| SAMP DTE HOUR | STN | STN SAMP PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|---------------|-----|-------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 06 04 76 1030 | | .3 | 18548 | | | 3000. | 1. | 240. | | | | |
| 05 05 76 1050 | | .3 | 18562 | | | 29000. | 1. | 28. | | | | |
| 11 08 76 1010 | | .3 | 18604 | | | 400. | | 10. | L | | | |
| 07 09 76 1045 | | .3 | 18618 | | | 144. | 4. | 1. | | | | |
| 05 10 76 1050 | | .3 | 18632 | | | 1. | 1. | 0. | | | | |
| 02 11 76 1050 | | .3 | 18646 | | | 40. | 20. | 220. | | | | |

MAXIMUM 29000. 20. 240.
AVG OR GEOM MN (*) 242.* 2.* 16.* D
MINIMUM 1. 1. 0.
NO OF SAMPLES 6 5 6

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: JAMESON STREET TWEED
STATION TYPE: RIVER FLOW GAUGE FED 02HL101

STATION ID: 17-0026-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 6 LAT LONG U.T.M. 18 0316010.0 4927600.0 4 REGION 04 MILEAGE 31.20

| SAMP DTE HOUR | STN | STN SAMP PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|---------------|-----|-------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 07 01 76 1040 | | .3 | 18504 | 4 | | 9400. | 1600. | 610. | | 0.5 | 12.0 | 1.0 |
| 10 02 76 1050 | | .3 | 18519 | 4 | | 50000. | 2500. | 1444. | | 0.5 | 14.0 | 0.8 |
| 09 03 76 1020 | | .3 | 18533 | 3 | 1600.00 | 100. | 100. | 10. | L | 1.0 | 11.0 | 1.0 |
| 22 03 76 1330 | | .3 | 17170 | 6 | 2360.00 | | | | | | | |
| 06 04 76 1020 | | .3 | 18547 | 3 | 9110.00 | 10. | 1. | 1. | | 5.0 | 9.0 | 1.2 |
| 20 04 76 1200 | | .3 | 17193 | 6 8 | | | | | | | | |
| 05 05 76 1040 | | .3 | 18561 | 6 | 678.00 | 30. | 4. | 4. | | 11.0 | 10.0 | 1.0 |
| 21 05 76 1120 | | .3 | 17229 | 5 | 982.00 | | | | | | | |
| 02 06 76 1025 | | .3 | 18575 | 6 | 442.00 | | | | | 18.5 | 9.0 | 0.6 |
| 17 06 76 1250 | | .3 | 17282 | 5 | 137.00 | | | | | | | |
| 07 07 76 1010 | | .3 | 18589 | 6 | 101.00 | | | | | 24.0 | 8.0 | 0.6 |
| 22 07 76 1420 | | .3 | 17326 | 5 | 70.60 | | | | | | | |
| 11 08 76 1000 | | .3 | 18603 | 6 | 80.60 | 400. | | 1. | | 23.0 | 6.0 | 0.6 |
| 12 08 76 1500 | | .3 | 17368 | | 86.10 | | | | | | | |
| 07 09 76 1020 | | .3 | 18617 | 6 | 68.60 | 60. | 10. | 10. | L | 18.5 | 8.0 | 0.2 |
| 16 09 76 1105 | | .3 | 17414 | 5 | 59.60 | | | | | | | |
| 05 10 76 1015 | | .3 | 18631 | 6 | 44.80 | 20. | 8. | 0. | | 14.5 | 9.0 | 1.0 |
| 28 10 76 1030 | | .3 | 17462 | | 149.00 | | | | | | | |
| 02 11 76 1030 | | .3 | 18645 | 6 | 156.00 | 44. | 6. | 1. | | 3.5 | 12.0 | 0.9 |
| 25 11 76 155 | | .3 | 17500 | | 122.00 | | | | | | | |
| 08 12 76 1010 | | .3 | 18659 | 4 | | 136. | 18. | 8. | | 0.5 | 8.0 | 1.4 |

MAXIMUM 9110.00 50000. 2500. 1444.
AVG OR GEOM MN (*) 955.72 182.* 29.* D 9.* D
MINIMUM 44.80 10. 1. 0.
NO OF SAMPLES 17 10 9 10 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1040 | | | .3 | | 0.040 | 0.010 | 0.130 | 0.900 | 0.006 | 0.100 | | | | |
| 10 | 02 | 76 | 1050 | | | .3 | | 0.040 | 0.010 | 0.255 | 0.930 | 0.007 | 0.135 | | | | |
| 09 | 03 | 76 | 1020 | | | .3 | | 0.031 | 0.009 | 0.208 | 0.690 | 0.010 | 0.250 | | | | |
| 22 | 03 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1020 | | | .3 | | 0.022 | 0.008 | 0.044 | 0.410 | 0.005 | 0.200 | | | | |
| 20 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1040 | | | .3 | | 0.028 | 0.005 | 0.010 | 0.460 | 0.005 | 0.025 | | | | |
| 21 | 05 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1025 | | | .3 | | 0.025 | 0.011 | 0.020 | 0.540 | 0.004 | 0.005L | | | | |
| 17 | 06 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1010 | | | .3 | | 0.026 | 0.010 | 0.004 | 0.520 | 0.003 | 0.017 | | | | |
| 22 | 07 | 76 | 1420 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 1000 | | | .3 | | 0.021 | 0.008 | 0.002 | 0.440 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1525 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1030 | | | .3 | | 0.014 | 0.004 | 0.004 | 0.440 | 0.002 | 0.005L | | | | |
| 16 | 09 | 76 | 1135 | | | .3 | | | | | | | | 67.0 | 1.7 | | |
| 05 | 10 | 76 | 1035 | | | .3 | | 0.015 | 0.004 | 0.004 | 0.430 | 0.002 | 0.005L | | | | |
| 28 | 10 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1030 | | | .3 | | 0.019 | 0.008 | 0.002 | 0.450 | 0.002 | 0.005L | | | | |
| 25 | 11 | 76 | 1155 | | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1010 | | | .3 | | 0.021 | 0.008 | 0.006 | 0.620 | 0.003 | 0.027 | 116.0 | 2.2 | | |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM

0.040
0.025
0.014

0.011
0.008
0.004

0.255
0.057
0.002

0.930
0.569
0.410

0.010
0.004
0.002

0.250
0.0650
0.005

116.0
91.5
67.0

2.2
2.0
1.7

NO OF SAMPLES

12

12

12

12

12

12

2

2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1040 | | | .3 | | 185 | 2.50 | 3.8 | | | | | | | |
| 10 | 02 | 76 | 1050 | | | .3 | | 180 | 1.50 | 3.5 | | | | | | | |
| 09 | 03 | 76 | 1020 | | | .3 | | 185 | 1.40 | 4.7 | | | | | | | |
| 06 | 04 | 76 | 1020 | | | .3 | | 128 | 1.60 | 2.8 | | | | | | | |
| 05 | 05 | 76 | 1040 | | | .3 | | 150 | 2.10 | 3.1 | | | | | | | |
| 02 | 06 | 76 | 1025 | | | .3 | | 150 | 1.40 | 3.0 | | | | | | | |
| 07 | 07 | 76 | 1010 | | | .3 | | 141 | 1.20 | 2.7 | | | | | | | |
| 11 | 08 | 76 | 1000 | | | .3 | | 105 | 1.10 | 1.8 | | | | | | | |
| 07 | 09 | 76 | 1030 | | | .3 | | 96 | 0.62 | 1.5 | | | | | | | |
| 05 | 10 | 76 | 1035 | | | .3 | | 100 | 1.00 | 1.5 | | | | | | | |
| 02 | 11 | 76 | 1030 | | | .3 | | 165 | 1.60 | 3.8 | | | | | | | |
| 08 | 12 | 76 | 1010 | | | .3 | | 175 | 1.50 | 4.2 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM

185
147
96

2.50
1.46
0.62

4.7
3.0
1.5

NO OF SAMPLES

12

12

12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 235 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1040 | | | .3 | | 0.018 | | | | | | | | | |
| 10 | 02 | 76 | 1050 | | | .3 | | 0.013 | | | | | | | | | |
| 09 | 03 | 76 | 1020 | | | .3 | | 0.016 | | | | | | | | | |
| 22 | 03 | 76 | 1330 | | | .3 | | 0.019 | | | | | | | | | |
| 06 | 04 | 76 | 1020 | | | .3 | | 0.029 | | | | | | | | | |
| 20 | 04 | 76 | 1200 | | | .3 | | 0.016 | | | | | | | | | |
| 05 | 05 | 76 | 1040 | | | .3 | | 0.015 | | | | | | | | | |
| 21 | 05 | 76 | 1120 | | | .3 | | 0.01 | | | | | | | | | |
| 02 | 06 | 76 | 1025 | | | .3 | | 0.010 | | | | | | | | | |
| 17 | 06 | 76 | 1250 | | | .3 | | 0.02 | | | | | | | | | |
| 22 | 07 | 76 | 1420 | | | .3 | | 0.019 | | | | | | | | | |
| 12 | 08 | 76 | 1525 | | | .3 | | 0.009 | | | | | | | | | |
| 07 | 09 | 76 | 1030 | | | .3 | | 0.008 | | | | | | | | | |
| 16 | 09 | 76 | 1135 | | | .3 | | 0.005 | | | | | | | | | |
| 28 | 10 | 76 | 1130 | | | .3 | | 0.016 | | | | | | | | | |
| 02 | 11 | 76 | 1030 | | | .3 | | 0.012 | | | | | | | | | |
| 25 | 11 | 76 | 1155 | | | .3 | | 0.012 | | | | | | | | | |
| 08 | 12 | 76 | 1010 | | | .3 | | 0.014 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (")
MINIMUM

0.029
0.015
0.005

NO OF SAMPLES

18

B.O.W./ SITE: CLARE RIVER
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM STOCO LAKE TWEED
STATION TYPE: RIVER

STATION ID: 17-0026-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

| STN NO | 7 | LAT | LONG | U.T.M. 18 0319350.0 4927650.0 4 | REGION 04 | MILEAGE | 32.80 | | | | | | | | | | |
|--------------------|-----------|----------|---------|---------------------------------|------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1000 | | | .3 | | 18502 | 4 | | 100. | 10. | 30. | | 0.5 | 11.0 | 2.4 |
| 06 | 04 | 76 | 0950 | | | .3 | | 18545 | 3 | | 10. | 1. | 1. | | 6.0 | 9.0 | 0.6 |
| 20 | 04 | 76 | 1220 | | | .3 | | 17195 | 6 8 | | | | | | | | |
| 05 | 05 | 76 | 1005 | | | .3 | | 18559 | 6 | | 20. | 12. | 4. | | 11.5 | 10.0 | 0.8 |
| 21 | 05 | 76 | 1130 | | | .3 | | 17231 | 5 | | | | | | | | |
| 02 | 06 | 76 | 0950 | | | .3 | | 18573 | 8 | | | | | | 19.0 | 8.0 | 0.6 |
| 17 | 06 | 76 | 1325 | | | .3 | | 17284 | 5 | | | | | | | | |
| 07 | 07 | 76 | 0945 | | | .3 | | 18587 | 5 | | | | | | 24.5 | 10.0 | 0.6 |
| 22 | 07 | 76 | 1440 | | | .3 | | 17328 | 5 | | | | | | | | |
| 11 | 08 | 76 | 0935 | | | .3 | | 18601 | 8 | | 100. | | 1. | | 22.0 | 6.0 | 0.6 |
| 12 | 08 | 76 | 1535 | | | .3 | | 17370 | 5 | | | | | | | | |
| 07 | 09 | 76 | 1100 | | | .3 | | 18615 | 6 | | 300. | 4. | 1. | | | | 0.6 |
| 16 | 09 | 76 | 1205 | | | .3 | | 17416 | 5 | | | | | | | | |
| 05 | 10 | 76 | 1005 | | | .3 | | 18629 | 8 | | 40. | 12. | 12. | | 14.0 | 7.0 | 1.2 |
| 02 | 11 | 76 | 0955 | | | .3 | | 18643 | 6 | | 60. | 1. | 1. | | 4.0 | 7.0 | 0.8 |
| 08 | 12 | 76 | 0945 | | | .3 | | 18657 | 4 | | 36. | 6. | 4. | | 0.5 | 9.0 | 1.0 |
| MAXIMUM | | | | | | | | | | | 300. | 12. | 30. | | 24.5 | 11.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 52.* | 4.* | 3.* | | 11.3 | 8.6 | 0.9 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 1. | | 0.5 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 9 | 9 | 10 |
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 | 01 | 76 | 1000 | | | .3 | | 0.025 | 0.005 | 0.050 | 0.710 | 0.005 | 0.120 | | | | |
| 06 | 04 | 76 | 0950 | | | .3 | | 0.015 | 0.002 | 0.002L | 0.340 | 0.003 | 0.093 | | | | |
| 20 | 04 | 76 | 1220 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1005 | | | .3 | | 0.017 | 0.002 | 0.004 | 0.430 | 0.003 | 0.005L | | | | |
| 21 | 05 | 76 | 1130 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 0950 | | | .3 | | 0.022 | 0.003 | 0.012 | 0.540 | 0.002 | 0.005L | | | | |
| 17 | 06 | 76 | 1325 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 0945 | | | .3 | | 0.019 | 0.005 | 0.002 | 0.690 | 0.002 | 0.005L | | | | |
| 22 | 07 | 76 | 1440 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 0935 | | | .3 | | 0.025 | 0.005 | 0.008 | 0.880 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1535 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1100 | | | .3 | | 0.028 | 0.005 | 0.018 | 0.520 | 0.002 | 0.005L | | | | |
| 16 | 09 | 76 | 1205 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1005 | | | .3 | | 0.027 | 0.003 | 0.012 | 0.560 | 0.001 | 0.005L | 207.0 | 2.2 | | |
| 02 | 11 | 76 | 0955 | | | .3 | | 0.011 | 0.002 | 0.004 | 0.570 | 0.002 | 0.005L | | | | |
| 08 | 12 | 76 | 0945 | | | .3 | | 0.015 | 0.002 | 0.010 | 0.560 | 0.002 | 0.008 | 234.0 | 3.1 | | |
| MAXIMUM | | | | | | | | 0.028 | 0.005 | 0.050 | 0.880 | 0.005 | 0.120 | 234.0 | 3.1 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.020 | 0.003 | 0.012D | 0.580 | 0.002 | 0.026D | 220.5 | 2.7 | | |
| MINIMUM | | | | | | | | 0.011 | 0.002 | 0.002 | 0.340 | 0.001 | 0.005 | 207.0 | 2.2 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 2 | 2 | | |
| SAMP DY | DTE MO | HR YR | LM T | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 | 01 | 76 | 1000 | | | .3 | | 300 | 2.40 | 4.6 | | | | | | | |
| 06 | 04 | 76 | 0950 | | | .3 | | 155 | 1.40 | 2.6 | | | | | | | |
| 05 | 05 | 76 | 1005 | | | .3 | | 290 | 1.70 | 3.3 | | | | | | | |
| 02 | 06 | 76 | 0950 | | | .3 | | 290 | 1.40 | 3.4 | | | | | | | |
| 07 | 07 | 76 | 0945 | | | .3 | | 304 | 1.80 | 2.7 | | | | | | | |
| 11 | 08 | 76 | 0935 | | | .3 | | 300 | 1.60 | 2.9 | | | | | | | |
| 07 | 09 | 76 | 1100 | | | .3 | | 310 | 1.20 | 3.2 | | | | | | | |
| 05 | 10 | 76 | 1005 | | | .3 | | 315 | 2.00 | 3.3 | | | | | | | |
| 02 | 11 | 76 | 0955 | | | .3 | | 320 | 2.00 | 5.1 | | | | | | | |
| 08 | 12 | 76 | 0945 | | | .3 | | 355 | 1.60 | 6.9 | | | | | | | |
| MAXIMUM | | | | | | | | 355 | 2.40 | 6.9 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 294 | 1.71 | 3.8 | | | | | | | |
| MINIMUM | | | | | | | | 155 | 1.20 | 2.6 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|----|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 | 01 | 76 | 1000 | | .3 | | 0.001L | | | | | | | | | |
| 06 | 04 | 76 | 0950 | | .3 | | 0.002 | | | | | | | | | |
| 20 | 04 | 76 | 1220 | | .3 | | 0.001L | | | | | | | | | |
| 05 | 05 | 76 | 1005 | | .3 | | 0.001L | | | | | | | | | |
| 21 | 05 | 76 | 1130 | | .3 | | 0.003 | | | | | | | | | |
| 02 | 06 | 76 | 0950 | | .3 | | 0.001 | | | | | | | | | |
| 17 | 06 | 76 | 1325 | | .3 | | 0.004 | | | | | | | | | |
| 22 | 07 | 76 | 1440 | | .3 | | 0.003 | | | | | | | | | |
| 12 | 08 | 76 | 1535 | | .3 | | 0.004 | | | | | | | | | |
| 07 | 09 | 76 | 1100 | | .3 | | 0.004 | | | | | | | | | |
| 16 | 09 | 76 | 1205 | | .3 | | 0.003 | | | | | | | | | |
| 28 | 10 | 76 | 1155 | | .3 | | 0.002 | | | | | | | | | |
| 02 | 11 | 76 | 0955 | | .3 | | 0.001 | | | | | | | | | |
| 25 | 11 | 76 | 1210 | | .3 | | 0.001 | | | | | | | | | |
| 08 | 12 | 76 | 0945 | | .3 | | 0.001 | | | | | | | | | |

MAXIMUM 0.004
 AVG OR GEOM MN (*) 0.002D
 MINIMUM 0.001
 NO OF SAMPLES 15

B.O.W./ SITE: SULPHIDE CREEK
 SAMPLE POINT: UPSTREAM FROM STOCO LAKE HUNGERFORD TWP
 STATION TYPE: RIVER

STATION ID: 17-0026-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STORET CODE: 02
 004
 1090

| STN NO | | B | LAT | | LONG | | U.T.M. 18 0318525.0 4929475.0 4 | | | | REGION 04 | | MILEAGE | 32.80 | | |
|--------|-----|----|------|-----|-------|----|---------------------------------|-----|------|----------|-----------|----------|----------|-------|-------|-------|
| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 07 | 01 | 76 | 1020 | | .3 | | 18503 | 4 | | 240. | 20. | 10. | L | 0.5 | 10.0 | 2.0 |
| 28 | 01 | 76 | 1250 | | .3 | | 17147 | 4 | | | | | | | | |
| 10 | 02 | 76 | 1030 | | .3 | | 18518 | 4 | | 60. | 50. | 10. | L | 1.0 | 10.0 | 2.8 |
| 24 | 02 | 76 | 1205 | | .3 | | 17158 | 6 | | | | | | | | |
| 09 | 03 | 76 | 1010 | | .3 | | 18532 | 4 | | 100. | L | 100. | L | 0.5 | 9.0 | 0.6 |
| 06 | 04 | 76 | 1005 | | .3 | | 18546 | 3 | | 10. | 1. | 12. | | 6.0 | 11.0 | 0.8 |
| 20 | 04 | 76 | 1210 | | .3 | | 17194 | 9 | | | | | | | | |
| 05 | 05 | 76 | 1020 | | .3 | | 18560 | 6 | | 210. | 12. | 8. | | 10.0 | 8.0 | 1.2 |
| 21 | 05 | 76 | 1130 | | .3 | | 17230 | 5 | | | | | | | | |
| 02 | 06 | 76 | 1005 | | .3 | | 18574 | 5 | | | | | | 17.0 | 6.0 | 0.8 |
| 17 | 06 | 76 | 1310 | | .3 | | 17283 | 5 | | | | | | | | |
| 07 | 07 | 76 | 0955 | | .3 | | 18588 | 5 | | | | | | 23.0 | 7.0 | 1.2 |
| 22 | 07 | 76 | 1430 | | .3 | | 17327 | 5 | | | | | | | | |
| 11 | 08 | 76 | 0945 | | .3 | | 18602 | 5 | | 600. | | 16. | | 19.5 | 5.0 | 1.0 |
| 12 | 08 | 76 | 1530 | | .3 | | 17369 | 5 | | | | | | | | |
| 07 | 09 | 76 | 1015 | | .3 | | 18615 | 9 | | 700. | 10. | 10. | L | 16.0 | 7.0 | 4.4 |
| 16 | 09 | 76 | 1155 | | .3 | | 17415 | 5 | | | | | | | | |
| 05 | 10 | 76 | 1020 | | .3 | | 18630 | 5 | | 60. | 1. | 4. | | 12.0 | 6.0 | 1.4 |
| 02 | 11 | 76 | 1010 | | .3 | | 18644 | 6 | | 190. | 12. | 6. | | 3.5 | 10.0 | 0.7 |
| 08 | 12 | 76 | 1000 | | .3 | | 18658 | 4 | | 410. | 24. | 12. | | 0.5 | 10.0 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

700.
 150.* D
 10.

100.
 11.* D
 1.

16.
 9.* D
 4.

23.0
 9.1
 0.5

11.0
 8.3
 5.0

4.4
 1.5
 0.6

10

9

10

12

12

12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|----|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 | 01 | 76 | 1020 | | .3 | | 0.022 | 0.004 | 0.100 | 0.770 | 0.004 | 0.040 | | | | |
| 28 | 01 | 76 | 1250 | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 1030 | | .3 | | 0.066 | 0.007 | 0.410 | 1.710 | 0.005 | 0.080 | | | | |
| 24 | 02 | 76 | 1205 | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1010 | | .3 | | 0.018 | 0.004 | 0.166 | 0.620 | 0.006 | 0.129 | | | | |
| 06 | 04 | 76 | 1005 | | .3 | | 0.015 | 0.002 | 0.002 | 0.310 | 0.003 | 0.017 | | | | |
| 20 | 04 | 76 | 1210 | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1020 | | .3 | | 0.025 | 0.003 | 0.032 | 0.510 | 0.004 | 0.005L | | | | |
| 21 | 05 | 76 | 1130 | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1005 | | .3 | | 0.053 | 0.011 | 0.118 | 0.860 | 0.008 | 0.007 | | | | |
| 17 | 06 | 76 | 1310 | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 0955 | | .3 | | 0.051 | 0.016 | 0.060 | 0.690 | 0.009 | 0.005L | | | | |
| 22 | 07 | 76 | 1430 | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 0945 | | .3 | | 0.050 | 0.015 | 0.042 | 0.740 | 0.006 | 0.005L | | | | |
| 12 | 08 | 76 | 1530 | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1015 | | .3 | | 0.086 | 0.009 | 0.086 | 1.220 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1155 | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1020 | | .3 | | 0.041 | 0.004 | 0.008 | 0.700 | 0.002 | 0.005L | 212.0 | 3.9 | | |
| 02 | 11 | 76 | 1010 | | .3 | | 0.024 | 0.004 | 0.002 | 0.570 | 0.003 | 0.005L | | | | |
| 08 | 12 | 76 | 1000 | | .3 | | 0.025 | 0.004 | 0.014 | 0.760 | 0.003 | 0.017 | 101.0 | 3.1 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

0.086
 0.040
 0.015

0.016
 0.007
 0.002

0.410
 0.087
 0.002

1.710
 0.788
 0.310

0.009
 0.005
 0.001

0.129
 0.027D
 0.005

212.0
 156.5
 101.0

3.9
 3.5
 3.1

2
 2

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1020 | | | .3 | 165 | 2.00 | 5.3 | | | | | | | |
| 10 | 02 | 76 | 1030 | | | .3 | 165 | 2.00 | 5.1 | | | | | | | |
| 09 | 03 | 76 | 1010 | | | .3 | 115 | 1.40 | 4.0 | | | | | | | |
| 06 | 04 | 76 | 1005 | | | .3 | 74 | 1.60 | 2.5 | | | | | | | |
| 05 | 05 | 76 | 1020 | | | .3 | 140 | 2.80 | 2.9 | | | | | | | |
| 02 | 06 | 76 | 1005 | | | .3 | 185 | 4.10 | 3.5 | | | | | | | |
| 07 | 07 | 76 | 0955 | | | .3 | 240 | 3.00 | 3.9 | | | | | | | |
| 11 | 08 | 76 | 0945 | | | .3 | 310 | 2.40 | 4.5 | | | | | | | |
| 07 | 09 | 76 | 1015 | | | .3 | 260 | 5.40 | 4.3 | | | | | | | |
| 05 | 10 | 76 | 1020 | | | .3 | 320 | 2.20 | 7.0 | | | | | | | |
| 02 | 11 | 76 | 1010 | | | .3 | 165 | 1.80 | 4.7 | | | | | | | |
| 08 | 12 | 76 | 1000 | | | .3 | 149 | 2.50 | 5.6 | | | | | | | |

MAXIMUM 320 5.40 7.0
 AVG OR GEOM MN (*) 191 2.60 4.4
 MINIMUM 74 1.40 2.5
 NO OF SAMPLES 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1020 | | | .3 | 0.001L | | | | | | | | | |
| 28 | 01 | 76 | 1250 | | | .3 | 0.001 | | | | | | | | | |
| 10 | 02 | 76 | 1030 | | | .3 | 0.001L | | | | | | | | | |
| 24 | 02 | 76 | 1205 | | | .3 | 0.001 | | | | | | | | | |
| 09 | 03 | 76 | 1010 | | | .3 | 0.001L | | | | | | | | | |
| 06 | 04 | 76 | 1005 | | | .3 | 0.002 | | | | | | | | | |
| 20 | 04 | 76 | 1210 | | | .3 | 0.001L | | | | | | | | | |
| 05 | 05 | 76 | 1020 | | | .3 | 0.001L | | | | | | | | | |
| 21 | 05 | 76 | 1130 | | | .3 | 0.001 | | | | | | | | | |
| 02 | 06 | 76 | 1005 | | | .3 | 0.001 | | | | | | | | | |
| 17 | 06 | 76 | 1310 | | | .3 | 0.003 | | | | | | | | | |
| 22 | 07 | 76 | 1430 | | | .3 | 0.002 | | | | | | | | | |
| 12 | 08 | 76 | 1530 | | | .3 | 0.005 | | | | | | | | | |
| 07 | 09 | 76 | 1015 | | | .3 | 0.020 | | | | | | | | | |
| 16 | 09 | 76 | 1155 | | | .3 | 0.009 | | | | | | | | | |
| 28 | 10 | 76 | 1150 | | | .3 | 0.001L | | | | | | | | | |
| 02 | 11 | 76 | 1010 | | | .3 | 0.001L | | | | | | | | | |
| 25 | 11 | 76 | 1200 | | | .3 | 0.001L | | | | | | | | | |
| 08 | 12 | 76 | 1000 | | | .3 | 0.001L | | | | | | | | | |

MAXIMUM 0.020
 AVG OR GEOM MN (*) 0.0030
 MINIMUM 0.001
 NO OF SAMPLES 19

B.O.W./ SITE: SKOOTAMOTTA RIVER
 SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
 STATION TYPE: RIVER FLOW GAUGE FED 02H004

STATION ID: 17-0026-009-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STORET CODE: 02
 004
 1090

| STN NO | 9 | LAT | LONG | U.T.M. 18 0315050.0 4935300.0 4 | REGION 04 | MILEAGE | 37.70 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|-------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1110 | | | .3 | | 18505 | 4 | 131.00 | 130. | 10. | L | 20. | 0.5 | 11.0 | 2.2 |
| 28 | 01 | 76 | 1230 | | | .3 | | 17146 | 4 | 205.00 | | | | | | | |
| 10 | 02 | 76 | 1115 | | | .3 | | 18521 | 4 | 132.00 | 20. | 1. | 1. | | 0.5 | 14.0 | 1.2 |
| 24 | 02 | 76 | 1135 | | | .3 | | 17157 | 6 | 520.00 | | | | | | | |
| 09 | 03 | 76 | 1045 | | | .3 | | 18535 | 3 | 671.00 | 200. | 100. | L | 10. | 1.0 | 12.0 | 1.0 |
| 22 | 03 | 76 | 1315 | | | .3 | | 17169 | 3 6 | 1080.00 | | | | | | | |
| 06 | 04 | 76 | 1045 | | | .3 | | 18549 | 3 | 2200.00 | 10. | 1. | 1. | | 6.0 | 14.0 | 1.2 |
| 20 | 04 | 76 | 1145 | | | .3 | | 17192 | 6 8 | | | | | | | | |
| 05 | 05 | 76 | 1100 | | | .3 | | 18563 | 6 | 232.00 | 28. | 1. | 4. | | 11.0 | 11.0 | 0.8 |
| 21 | 05 | 76 | 1110 | | | .3 | | 17228 | 5 | 453.00 | | | | | | | |
| 02 | 06 | 76 | 1050 | | | .3 | | 18577 | 6 | 183.00 | | | | | 18.5 | 9.0 | 0.4 |
| 17 | 06 | 76 | 1230 | | | .3 | | 17281 | 5 8 | 60.00 | | | | | | | |
| 07 | 07 | 76 | 1040 | | | .3 | | 18591 | 6 | 55.60 | | | | | 24.0 | 8.0 | 0.8 |
| 22 | 07 | 76 | 1410 | | | .3 | | 17325 | 5 | 28.20 | | | | | | | |
| 11 | 08 | 76 | 1020 | | | .3 | | 18605 | 6 | 29.00 | 2300. | | 1. | | 22.5 | 6.0 | 0.6 |
| 12 | 08 | 76 | 1515 | | | .3 | | 17367 | 5 | 27.20 | | | | | | | |
| 07 | 09 | 76 | 1100 | | | .3 | | 18619 | 6 | 23.00 | 70. | 10. | 10. | L | 18.5 | 9.0 | 0.4 |
| 16 | 09 | 76 | 1120 | | | .3 | | 17413 | 5 | 21.50 | | | | | | | |
| 05 | 10 | 76 | 1100 | | | .3 | | 18633 | 6 | 16.10 | 160. | 4. | 0. | | 14.0 | 9.0 | 1.2 |
| 28 | 10 | 76 | 1120 | | | .3 | | 17461 | | 56.90 | | | | | | | |
| 02 | 11 | 76 | 1100 | | | .3 | | 18647 | 6 | 73.90 | 40. | 2. | 1. | | 4.0 | 12.0 | 2.2 |
| 25 | 11 | 76 | 1145 | | | .3 | | 17499 | | 70.80 | | | | | | | |
| 08 | 12 | 76 | 1100 | | | .3 | | 18661 | 4 | 102.00 | 80. | 12. | 8. | | 0.5 | 9.0 | 1.8 |
| | | | | | | | | | | 2200.00 | 2300. | 100. | 20. | | 24.0 | 14.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 289.60 | 81.* | 5.* D | 3.* D | | 10.1 | 10.3 | 1.2 |
| MINIMUM | | | | | | | | | | 16.10 | 10. | 1. | 0. | | 0.5 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 22 | 10 | 9 | 10 | | 12 | 12 | 12 |

MAXIMUM 2200.00 2300. 100. 20.
 AVG OR GEOM MN (*) 289.60 81. 5. D 3. D
 MINIMUM 16.10 10. 1. 0.
 NO OF SAMPLES 22 10 9 10 12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1110 | | .3 | | 0.023 | 0.003 | 0.080 | 0.720 | 0.005 | 0.090 | | | | |
| 28 | 01 | 76 | 1230 | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 1115 | | .3 | | 0.021 | 0.003 | 0.240 | 0.840 | 0.006 | 0.095 | | | | |
| 24 | 02 | 76 | 1135 | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1045 | | .3 | | 0.022 | 0.004 | 0.236 | 0.770 | 0.006 | 0.154 | | | | |
| 22 | 03 | 76 | 1315 | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1045 | | .3 | | 0.013 | 0.002 | 0.026 | 0.390 | 0.004 | 0.091 | | | | |
| 20 | 04 | 76 | 1145 | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1100 | | .3 | | 0.019 | 0.001 | 0.016 | 0.440 | 0.005 | 0.005 | | | | |
| 21 | 05 | 76 | 1110 | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1050 | | .3 | | 0.025 | 0.003 | 0.002L | 0.480 | 0.003 | 0.005L | | | | |
| 17 | 06 | 76 | 1230 | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1040 | | .3 | | 0.022 | 0.002 | 0.004 | 0.530 | 0.003 | 0.027 | | | | |
| 22 | 07 | 76 | 1410 | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 1020 | | .3 | | 0.023 | 0.002 | 0.004 | 0.520 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1515 | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1100 | | .3 | | 0.012 | 0.002 | 0.004 | 0.400 | 0.002 | 0.005L | | | | |
| 16 | 09 | 76 | 1120 | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1100 | | .3 | | 0.012 | 0.002 | 0.002 | 0.450 | 0.002 | 0.008 | 47.0 | 1.0 | | |
| 28 | 10 | 76 | 1120 | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1100 | | .3 | | 0.024 | 0.005 | 0.002L | 0.450 | 0.003 | 0.006L | | | | |
| 25 | 11 | 76 | 1145 | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1100 | | .3 | | 0.027 | 0.003 | 0.004 | 0.710 | 0.004 | 0.026 | 65.0 | 2.6 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.027 0.005 0.240 0.840 0.006 0.154 65.0 2.6
0.020 0.003 0.0520 0.558 0.004 0.0430 56.0 1.8
0.012 0.001 0.002 0.390 0.002 0.005 47.0 1.0

NO OF SAMPLES

12 12 12 12 12 12 2 2

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1110 | | .3 | | 90 | 1.50 | 2.4 | | | | | | | |
| 10 | 02 | 76 | 1115 | | .3 | | 96 | 1.50 | 2.3 | | | | | | | |
| 09 | 03 | 76 | 1045 | | .3 | | 80 | 2.20 | 2.5 | | | | | | | |
| 06 | 04 | 76 | 1045 | | .3 | | 45 | 1.90 | 1.0 | | | | | | | |
| 05 | 05 | 76 | 1100 | | .3 | | 65 | 1.60 | 1.4 | | | | | | | |
| 02 | 06 | 76 | 1050 | | .3 | | 60 | 1.20 | 1.2 | | | | | | | |
| 07 | 07 | 76 | 1040 | | .3 | | 78 | 1.10 | 1.7 | | | | | | | |
| 11 | 08 | 76 | 1020 | | .3 | | 70 | 0.65 | 1.3 | | | | | | | |
| 07 | 09 | 76 | 1100 | | .3 | | 70 | 0.56 | 1.3 | | | | | | | |
| 05 | 10 | 76 | 1100 | | .3 | | 72 | 1.00 | 1.3 | | | | | | | |
| 02 | 11 | 76 | 1100 | | .3 | | 96 | 1.80 | 2.8 | | | | | | | |
| 08 | 12 | 76 | 1100 | | .3 | | 97 | 1.40 | 3.1 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

97 2.20 3.1
77 1.37 1.9
45 0.56 1.0

NO OF SAMPLES

12 12 12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1110 | | .3 | | 0.001 | | | | | | | | | |
| 28 | 01 | 76 | 1230 | | .3 | | 0.001 | | | | | | | | | |
| 10 | 02 | 76 | 1115 | | .3 | | 0.001L | | | | | | | | | |
| 24 | 02 | 76 | 1135 | | .3 | | 0.001L | | | | | | | | | |
| 09 | 03 | 76 | 1045 | | .3 | | 0.001L | | | | | | | | | |
| 22 | 03 | 76 | 1315 | | .3 | | 0.001L | | | | | | | | | |
| 06 | 04 | 76 | 1045 | | .3 | | 0.012 | | | | | | | | | |
| 20 | 04 | 76 | 1145 | | .3 | | 0.001L | | | | | | | | | |
| 05 | 05 | 76 | 1100 | | .3 | | 0.001L | | | | | | | | | |
| 21 | 05 | 76 | 1110 | | .3 | | 0.001L | | | | | | | | | |
| 02 | 06 | 76 | 1050 | | .3 | | 0.001L | | | | | | | | | |
| 17 | 06 | 76 | 1230 | | .3 | | 0.001L | | | | | | | | | |
| 22 | 07 | 76 | 1410 | | .3 | | 0.001 | | | | | | | | | |
| 12 | 08 | 76 | 1515 | | .3 | | 0.001L | | | | | | | | | |
| 07 | 09 | 76 | 1100 | | .3 | | 0.001L | | | | | | | | | |
| 16 | 09 | 76 | 1120 | | .3 | | 0.001L | | | | | | | | | |
| 28 | 10 | 76 | 1120 | | .3 | | 0.001L | | | | | | | | | |
| 02 | 11 | 76 | 1100 | | .3 | | 0.001L | | | | | | | | | |
| 25 | 11 | 76 | 1145 | | .3 | | 0.001L | | | | | | | | | |
| 08 | 12 | 76 | 1100 | | .3 | | 0.001 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.012 0.0020 0.001

NO OF SAMPLES

20

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 7 2 MILES EAST OF ACTINOLITE
STATION TYPE: RIVER FLOW GAUGE FED 02H003

STATION ID: 17-0026-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

| STN NO | 10 | LAT | LONG | U.T.M. 18 0311750.0 4934275.0 4 | | | | | | | | | REGION 04 | MILEAGE | 39.00 | |
|---------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 01 | 76 | 1130 | | | .3 | | 18506 | 4 | 55.70 | 76. | 4. | 10. | | 0.5 | 12.0 | 2.2 |
| 28 01 | 76 | 1200 | | | .3 | | 17145 | 4 | 64.00 | | | | | | | |
| 10 02 | 76 | 1130 | | | .3 | | 18522 | 4 | 59.50 | 20. | 4. | 4. | | 0.5 | 13.0 | 1.2 |
| 24 02 | 76 | 1125 | | | .3 | | 17156 | 4 | 203.00 | | | | | | | |
| 09 03 | 76 | 1100 | | | .3 | | 18536 | 3 | 340.00 | 100. L | 100. L | 10. L | | 1.0 | 13.0 | 1.0 |
| 22 03 | 76 | 1300 | | | .3 | | 17168 | 6 3 | 560.00 | | | | | | | |
| 06 04 | 76 | 1100 | | | .3 | | 18550 | 3 | 1400.00 | 10. | 1. | 4. | | 5.0 | 13.0 | 1.2 |
| 20 04 | 76 | 1135 | | | .3 | | 17191 | 6 8 | | | | | | | | |
| 05 05 | 76 | 1120 | | | .3 | | 18564 | 6 | 182.00 | 20. | 1. | 1. | | 11.0 | 11.0 | 1.2 |
| 21 05 | 76 | 1100 | | | .3 | | 17227 | 5 | 287.00 | | | | | | | |
| 02 06 | 76 | 1115 | | | .3 | | 18578 | 6 | 84.20 | | | | | 18.0 | 10.0 | 0.4 |
| 17 06 | 76 | 1215 | | | .3 | | 17280 | 5 8 | 15.20 | | | | | | | |
| 07 07 | 76 | 1050 | | | .3 | | 18592 | 6 | 27.70 | | | | | 25.5 | 8.0 | 0.6 |
| 22 07 | 76 | 1400 | | | .3 | | 17324 | 5 | 33.10 | | | | | | | |
| 11 08 | 76 | 1035 | | | .3 | | 18606 | 6 | 49.30 | 100. L | | 10. L | | 22.0 | 7.0 | 0.4 |
| 12 08 | 76 | 1510 | | | .3 | | 17366 | 5 | 53.40 | | | | | | | |
| 07 09 | 76 | 1115 | | | .3 | | 18620 | 6 | 40.40 | 110. | 130. | 10. L | | 18.0 | 9.0 | 0.6 |
| 16 09 | 76 | 1115 | | | .3 | | 17412 | 5 | 39.70 | | | | | | | |
| 05 10 | 76 | 1125 | | | .3 | | 18634 | 6 | 20.90 | 50. | 12. | 4. | | 14.0 | 9.0 | 1.0 |
| 28 10 | 76 | 1110 | | | .3 | | 17460 | | 50.40 | | | | | | | |
| 02 11 | 76 | 1120 | | | .3 | | 18648 | 6 | 47.50 | 60. | 4. | 1. | | 4.0 | 7.0 | 1.0 |
| 25 11 | 76 | 1125 | | | .3 | | 17498 | | 33.20 | | | | | | | |
| 08 12 | 76 | 1105 | | | .3 | | 18662 | 4 | 43.00 | 70. | 8. | 12. | | 0.0 | 10.0 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1400.00
167.69
15.20

110.
48.* D
10.

130.
8.* D
1.

12.
5.* D
1.

25.5
10.0
0.0

13.0
10.2
7.0

2.2
1.0
0.4

NO OF SAMPLES

22

10

9

10

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 07 01 | 76 | 1130 | | | .3 | | 0.026 | 0.005 | 0.130 | 0.960 | 0.006 | 0.160 | | | | |
| 28 01 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 10 02 | 76 | 1130 | | | .3 | | 0.024 | 0.005 | 0.435 | 1.110 | 0.008 | 0.210 | | | | |
| 24 02 | 76 | 1125 | | | .3 | | | | | | | | | | | |
| 09 03 | 76 | 1100 | | | .3 | | 0.021 | 0.004 | 0.300 | 0.840 | 0.001 | 0.274 | | | | |
| 22 03 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 06 04 | 76 | 1100 | | | .3 | | 0.019 | 0.001 | 0.062 | 0.480 | 0.005 | 0.141 | | | | |
| 20 04 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 05 05 | 76 | 1120 | | | .3 | | 0.015 | 0.001 | 0.018 | 0.420 | 0.005 | 0.025 | | | | |
| 21 05 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 02 06 | 76 | 1115 | | | .3 | | 0.022 | 0.003 | 0.020 | 0.600 | 0.004 | 0.006 | | | | |
| 17 06 | 76 | 1215 | | | .3 | | | | | | | | | | | |
| 07 07 | 76 | 1050 | | | .3 | | 0.020 | 0.003 | 0.002 | 0.480 | 0.002 | 0.008 | | | | |
| 22 07 | 76 | 1400 | | | .3 | | | | | | | | | | | |
| 11 08 | 76 | 1035 | | | .3 | | 0.015 | 0.004 | 0.004 | 0.450 | 0.002 | 0.005L | | | | |
| 12 08 | 76 | 1510 | | | .3 | | | | | | | | | | | |
| 07 09 | 76 | 1115 | | | .3 | | 0.010 | 0.003 | 0.006 | 0.360 | 0.002 | 0.005L | | | | |
| 16 09 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 05 10 | 76 | 1125 | | | .3 | | 0.010 | 0.001 | 0.006 | 0.440 | 0.002 | 0.008 | 60.0 | 1.3 | | |
| 28 10 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 02 11 | 76 | 1120 | | | .3 | | 0.016 | 0.004 | 0.002L | 0.450 | 0.002 | 0.005L | | | | |
| 25 11 | 76 | 1125 | | | .3 | | | | | | | | | | | |
| 08 12 | 76 | 1105 | | | .3 | | 0.022 | 0.003 | 0.010 | 0.730 | 0.003 | 0.027 | 89.0 | 1.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.026
0.018
0.010

0.005
0.003
0.001

0.435
0.083D
0.002

1.110
0.610
0.360

0.008
0.004
0.001

0.274
0.073D
0.005

89.0
74.5
60.0

1.3
1.2
1.0

NO OF SAMPLES

12

12

12

12

12

12

2

2

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHO5 | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 07 01 | 76 | 1130 | | | .3 | | 160 | 1.40 | 1.9 | | | | | | | |
| 10 02 | 76 | 1130 | | | .3 | | 160 | 1.50 | 2.0 | | | | | | | |
| 09 03 | 76 | 1100 | | | .3 | | 120 | 1.30 | 1.6 | | | | | | | |
| 06 04 | 76 | 1100 | | | .3 | | 76 | 1.70 | 0.9 | | | | | | | |
| 05 05 | 76 | 1120 | | | .3 | | 100 | 0.90 | 1.0 | | | | | | | |
| 02 06 | 76 | 1115 | | | .3 | | 100 | 1.10 | 1.1 | | | | | | | |
| 07 07 | 76 | 1050 | | | .3 | | 130 | 1.10 | 1.6 | | | | | | | |
| 11 08 | 76 | 1035 | | | .3 | | 73 | 1.40 | 0.8 | | | | | | | |
| 07 09 | 76 | 1115 | | | .3 | | 76 | 0.54 | 0.8 | | | | | | | |
| 05 10 | 76 | 1125 | | | .3 | | 88 | 1.00 | 1.0 | | | | | | | |
| 02 11 | 76 | 1120 | | | .3 | | 110 | 1.50 | 1.6 | | | | | | | |
| 08 12 | 76 | 1105 | | | .3 | | 134 | 1.40 | 1.7 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

160
111
73

1.70
1.24
0.54

2.0
1.3
0.8

NO OF SAMPLES

12

12

12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 239 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1130 | | | .3 | | 0.001 | | | | | | | | | |
| 28 | 01 | 76 | 1200 | | | .3 | | 0.001 | | | | | | | | | |
| 10 | 02 | 76 | 1130 | | | .3 | | 0.001 | | | | | | | | | |
| 24 | 02 | 76 | 1125 | | | .3 | | 0.001 | | | | | | | | | |
| 09 | 03 | 76 | 1100 | | | .3 | | 0.001L | | | | | | | | | |
| 22 | 03 | 76 | 1300 | | | .3 | | 0.001 | | | | | | | | | |
| 06 | 04 | 76 | 1100 | | | .3 | | 0.001L | | | | | | | | | |
| 20 | 04 | 76 | 1135 | | | .3 | | 0.001L | | | | | | | | | |
| 05 | 05 | 76 | 1120 | | | .3 | | 0.001 | | | | | | | | | |
| 21 | 05 | 76 | 1100 | | | .3 | | 0.001L | | | | | | | | | |
| 02 | 06 | 76 | 1115 | | | .3 | | 0.001L | | | | | | | | | |
| 17 | 06 | 76 | 1215 | | | .3 | | 0.001L | | | | | | | | | |
| 22 | 07 | 76 | 1400 | | | .3 | | 0.001 | | | | | | | | | |
| 12 | 08 | 76 | 1510 | | | .3 | | 0.001L | | | | | | | | | |
| 07 | 09 | 76 | 1115 | | | .3 | | 0.001L | | | | | | | | | |
| 16 | 09 | 76 | 1115 | | | .3 | | 0.001L | | | | | | | | | |
| 28 | 10 | 76 | 1110 | | | .3 | | 0.001L | | | | | | | | | |
| 02 | 11 | 76 | 1120 | | | .3 | | 0.010L | | | | | | | | | |
| 25 | 11 | 76 | 1125 | | | .3 | | 0.001L | | | | | | | | | |
| 08 | 12 | 76 | 1105 | | | .3 | | 0.001 | | | | | | | | | |

MAXIMUM 0.010
 AVG OR GEOM MN (") 0.0010
 MINIMUM 0.001
 NO OF SAMPLES 20

B.O.W. / SITE: MOIRA LAKE
 SAMPLE POINT: COUNTY BRIDGE 1 MILE SOUTH OF MADOC
 STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STATION ID: 17-0026-011-01

STORET CODE: 02
 004
 1090

| STN NO | 11 | LAT | LONG | U.T.M. 18 0303700.0 4927750.0 4 | REGION 04 | MILEAGE | 44.40 | | | | | | | | | | | | |
|------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|-------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|------|-----|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | | |
| 07 | 01 | 76 | 1350 | | | .3 | | 18510 | 4 | | 20. | 10. | L | 10. | L | 0.5 | 12.0 | 1.0 | |
| 28 | 01 | 76 | 1045 | | | .3 | | 17142 | 4 | | | | | | | | | | |
| 11 | 02 | 76 | 0925 | | | .3 | | 18526 | 4 | | 10. | L | 10. | L | 10. | L | 0.5 | 10.0 | 1.4 |
| 24 | 02 | 76 | 1005 | | | .3 | | 17153 | 6 | | | | | | | | | | |
| 09 | 03 | 76 | 1315 | | | .3 | | 18540 | 3 | | | | | | | 1.5 | 11.0 | 0.6 | |
| 22 | 03 | 76 | 1135 | | | .3 | | 17164 | 6 | | | | | | | | | | |
| 06 | 04 | 76 | 1310 | | | .3 | | 18554 | 3 | | 10. | L | 1. | 4. | | 6.0 | 10.0 | 1.2 | |
| 20 | 04 | 76 | 1000 | | | .3 | | 17187 | 6 | 8 | | | | | | | | | |
| 05 | 05 | 76 | 1325 | | | .3 | | 18559 | 6 | | 8. | 1. | 4. | | 10.0 | 10.0 | 1.4 | | |
| 21 | 05 | 76 | 0935 | | | .3 | | 17223 | 6 | | | | | | | | | | |
| 02 | 06 | 76 | 1340 | | | .3 | | 18582 | 6 | | 24. | 1. | 1. | | 18.0 | 9.0 | 0.8 | | |
| 17 | 06 | 76 | 1135 | | | .3 | | 17276 | 5 | | | | | | | | | | |
| 07 | 07 | 76 | 1330 | | | .3 | | 18596 | 6 | | | | | | 28.0 | 9.5 | | | |
| 22 | 07 | 76 | 1250 | | | .3 | | 17320 | 5 | | | | | | | | | | |
| 11 | 08 | 76 | 1250 | | | .3 | | 18610 | 5 | | 200. | | 1. | | 24.0 | 8.0 | 2.6 | | |
| 12 | 08 | 76 | 1410 | | | .3 | | 17362 | | | | | | | | | | | |
| 07 | 09 | 76 | 1340 | | | .3 | | 18624 | 5 | | 10. | 1. | 1. | | 21.0 | 9.0 | 3.0 | | |
| 16 | 09 | 76 | 0955 | | | .3 | | 17408 | 5 | | | | | | | | | | |
| 05 | 10 | 76 | 1350 | | | .3 | | 18638 | 5 | | 140. | 1. | 4. | | 16.0 | 10.0 | 1.6 | | |
| 02 | 11 | 76 | 1345 | | | .3 | | 18652 | 6 | | 32. | 1. | 1. | | 5.0 | 11.0 | 1.7 | | |
| 08 | 12 | 76 | 1315 | | | .3 | | 18666 | 4 | | 70. | 2. | L | 2. | L | 0.0 | 13.0 | 2.0 | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM
 NO OF SAMPLES

200.
 27.* D
 8.
 10
 9
 10
 12
 12
 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1350 | | | .3 | | 0.030 | 0.018 | 0.050 | 0.590 | 0.005 | 0.200 | | | | |
| 28 | 01 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 11 | 02 | 76 | 0925 | | | .3 | | 0.030 | 0.024 | 0.180 | 0.740 | 0.015 | 0.305 | | | | |
| 24 | 02 | 76 | 1005 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1315 | | | .3 | | 0.041 | 0.041 | 0.106 | 0.510 | 0.006 | 0.459 | | | | |
| 22 | 03 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1310 | | | .3 | | 0.029 | 0.012 | 0.024 | 0.380 | 0.005 | 0.210 | | | | |
| 20 | 04 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1325 | | | .3 | | 0.041 | 0.017 | 0.002L | 0.580 | 0.005 | 0.005 | | | | |
| 21 | 05 | 76 | 0935 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1340 | | | .3 | | 0.042 | 0.028 | 0.032 | 0.540 | 0.003 | 0.005L | 186.0 | 3.5 | | |
| 17 | 06 | 76 | 1135 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1330 | | | .3 | | | | | | | | | | | |
| 22 | 07 | 76 | 1250 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 1250 | | | .3 | | 0.073 | 0.029 | 0.050 | 0.970 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1410 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1340 | | | .3 | | 0.072 | 0.044 | 0.012 | 1.100 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 0955 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1350 | | | .3 | | 0.047 | 0.037 | 0.010 | 0.600 | 0.002 | 0.005L | | | | |
| 02 | 11 | 76 | 1345 | | | .3 | | 0.047 | 0.042 | 0.004 | 0.630 | 0.002 | 0.005L | | | | |
| 08 | 12 | 76 | 1315 | | | .3 | | 0.055 | 0.055 | 0.040 | 0.900 | 0.003 | 0.017 | 246.0 | 2.1 | | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM
 NO OF SAMPLES

0.073
 0.046
 0.029
 11
 0.055
 0.032
 0.012
 11
 0.180
 0.046D
 0.002
 11
 0.015
 0.004
 0.001
 11
 0.459
 0.111D
 0.005
 11
 246.0
 216.0
 186.0
 2
 3.5
 2.8
 2.1
 2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1350 | | | .3 | | 360 | 1.50 | 9.7 | | | | | | | |
| 11 | 02 | 76 | 0925 | | | .3 | | 370 | 1.20 | 10.5 | | | | | | | |
| 09 | 03 | 76 | 1315 | | | .3 | | 335 | 1.80 | 9.5 | | | | | | | |
| 06 | 04 | 76 | 1310 | | | .3 | | 190 | 1.30 | 3.8 | | | | | | | |
| 05 | 05 | 76 | 1325 | | | .3 | | 275 | 1.50 | 5.6 | | | | | | | |
| 02 | 06 | 76 | 1340 | | | .3 | | 280 | 1.20 | 6.0 | | | | | | | |
| 11 | 08 | 76 | 1250 | | | .3 | | 280 | 2.90 | 6.9 | | | | | | | |
| 07 | 09 | 76 | 1340 | | | .3 | | 290 | 4.60 | 7.7 | | | | | | | |
| 05 | 10 | 76 | 1350 | | | .3 | | 275 | 1.60 | 6.5 | | | | | | | |
| 02 | 11 | 76 | 1345 | | | .3 | | 300 | 1.20 | 8.7 | | | | | | | |
| 08 | 12 | 76 | 1315 | | | .3 | | 375 | 1.00 | 13.0 | | | | | | | |

MAXIMUM 375 4.60 13.0
 AVG OR GEOM MN (") 303 1.80 8.0
 MINIMUM 190 1.00 3.8
 NO OF SAMPLES 11 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|-------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1350 | | | .3 | 0.072 | | | | | | | | | | |
| 28 | 01 | 76 | 1045 | | | .3 | 0.059 | | | | | | | | | | |
| 11 | 02 | 76 | 0925 | | | .3 | 0.046 | | | | | | | | | | |
| 24 | 02 | 76 | 1005 | | | .3 | 0.060 | | | | | | | | | | |
| 09 | 03 | 76 | 1315 | | | .3 | 0.059 | | | | | | | | | | |
| 22 | 03 | 76 | 1135 | | | .3 | 0.050 | | | | | | | | | | |
| 06 | 04 | 76 | 1310 | | | .3 | 0.040 | | | | | | | | | | |
| 20 | 04 | 76 | 1000 | | | .3 | 0.029 | | | | | | | | | | |
| 05 | 05 | 76 | 1325 | | | .3 | 0.060 | | | | | | | | | | |
| 21 | 05 | 76 | 0935 | | | .3 | 0.040 | | | | | | | | | | |
| 02 | 06 | 76 | 1340 | | | .3 | 0.050 | | | | | | | | | | |
| 17 | 06 | 76 | 1135 | | | .3 | 0.090 | | | | | | | | | | |
| 22 | 07 | 76 | 1250 | | | .3 | 0.05 | | | | | | | | | | |
| 12 | 08 | 76 | 1410 | | | .3 | 0.020 | | | | | | | | | | |
| 07 | 09 | 76 | 1340 | | | .3 | 0.005 | | | | | | | | | | |
| 16 | 09 | 76 | 0955 | | | .3 | 0.090 | | | | | | | | | | |
| 28 | 10 | 76 | 0955 | | | .3 | 0.088 | | | | | | | | | | |
| 02 | 11 | 76 | 1345 | | | .3 | 0.088 | | | | | | | | | | |
| 25 | 11 | 76 | 1000 | | | .3 | 0.075 | | | | | | | | | | |
| 08 | 12 | 76 | 1315 | | | .3 | 0.084 | | | | | | | | | | |

MAXIMUM 0.090
 AVG OR GEOM MN (") 0.058
 MINIMUM 0.005
 NO OF SAMPLES 20

B.O.W./ SITE: MADOC CREEK
 SAMPLE POINT: AT RAILWAY BRIDGE 1 MILE SOUTH OF MADOC
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STATION ID: 17-0026-012-02

STORET CODE: 02
 004
 1090

| STN NO | 12 | LAT | LONG | U.T.M. 18 0303200.0 4903525.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 46.50 | |
|---------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1335 | | | .3 | | 18509 | 4 | | 720. | 240. | 20. | | 0.5 | 11.0 | 1.4 |
| 28 | 01 | 76 | 1055 | | | .3 | | 17143 | 4 | | | | | | | | |
| 11 | 02 | 76 | 0910 | | | .3 | | 18525 | 4 | | 20. | 20. | 20. | | 0.5 | 12.0 | 1.2 |
| 24 | 02 | 76 | 1015 | | | .3 | | 17154 | 6 | | | | | | | | |
| 09 | 03 | 76 | 1300 | | | .3 | | 18539 | 3 | | 200. | 100. | L | 10. | 1.0 | 10.0 | 0.6 |
| 22 | 03 | 76 | 1150 | | | .3 | | 17165 | 6 3 | | | | | | | | |
| 06 | 04 | 76 | 1250 | | | .3 | | 18553 | 3 | | 190. | 1. | 4. | | 8.0 | 13.0 | 0.6 |
| 20 | 04 | 76 | 1015 | | | .3 | | 17188 | 6 8 | | | | | | | | |
| 05 | 05 | 76 | 1310 | | | .3 | | 18567 | 6 | | 10. | 1. | 8. | | 9.0 | 10.0 | 0.8 |
| 21 | 05 | 76 | 0950 | | | .3 | | 17224 | 5 | | | | | | | | |
| 02 | 06 | 76 | 1330 | | | .3 | | 18581 | 6 | | 110. | 1. | 20. | | 18.0 | 12.0 | 0.8 |
| 17 | 06 | 76 | 1120 | | | .3 | | 17277 | 5 | | | | | | | | |
| 07 | 07 | 76 | 1315 | | | .3 | | 18595 | 6 | | | | | | 26.5 | 11.0 | 1.2 |
| 22 | 07 | 76 | 1305 | | | .3 | | 17321 | 5 | | | | | | | | |
| 11 | 08 | 76 | 1245 | | | .3 | | 18609 | 8 | | 2000. | | 10. | L | 23.0 | 11.0 | 1.0 |
| 12 | 08 | 76 | 1415 | | | .3 | | 17353 | 5 | | | | | | | | |
| 07 | 09 | 76 | 1330 | | | .3 | | 18623 | 8 | | 400. | 8. | 12. | | 19.0 | 13.0 | 0.8 |
| 16 | 09 | 76 | 1007 | | | .3 | | 17409 | 5 | | | | | | | | |
| 05 | 10 | 76 | 1335 | | | .3 | | 18637 | 8 | | 100. | 4. | 8. | | 16.0 | 14.0 | 1.8 |
| 02 | 11 | 76 | 1330 | | | .3 | | 18651 | 6 | | 110. | 4. | 22. | | 4.0 | 12.0 | 1.1 |
| 08 | 12 | 76 | 1300 | | | .3 | | 18665 | 4 | | 130. | 2. | 2. | | 0.0 | 7.0 | 0.8 |
| | | | | | | | | | | | 2000. | 240. | 22. | | 26.5 | 14.0 | 1.8 |
| AVG OR GEOM MN. (*) | | | | | | | | | | | 147.* | 6.* D | 10.* D | | 10.5 | 11.3 | 1.0 |
| MINIMUM | | | | | | | | | | | 10. | 1. | 2. | | 0.0 | 7.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 11 | 10 | 11 | | 12 | 12 | 12 |

MAXIMUM 2000. 240. 22.
 AVG OR GEOM MN (") 147. 6. 10.
 MINIMUM 10. 1. 2.
 NO OF SAMPLES 11 10 11 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1335 | | | .3 | | 0.011 | 0.003 | 0.060 | 0.420 | 0.006 | 0.770 | | | | |
| 28 | 01 | 76 | 1055 | | | .3 | | | | | | | | | | | |
| 11 | 02 | 76 | 0910 | | | .3 | | 0.019 | 0.005 | 0.060 | 0.570 | 0.006 | 0.639 | | | | |
| 24 | 02 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1300 | | | .3 | | 0.025 | 0.004 | 0.008 | 0.440 | 0.006 | 0.679 | | | | |
| 22 | 03 | 76 | 1150 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1250 | | | .3 | | 0.009 | 0.001L | 0.002L | 0.330 | 0.003 | 0.192 | | | | |
| 20 | 04 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1310 | | | .3 | | 0.008 | 0.001 | 0.006 | 0.440 | 0.003 | 0.082 | | | | |
| 21 | 05 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1330 | | | .3 | | 0.015 | 0.001 | 0.002L | 0.480 | 0.003 | 0.012 | 249.0 | 2.5 | | |
| 17 | 06 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1315 | | | .3 | | 0.023 | 0.005 | 0.012 | 0.750 | 0.003 | 0.005L | | | | |
| 22 | 07 | 76 | 1305 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 1245 | | | .3 | | 0.015 | 0.001 | 0.004 | 0.540 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1415 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1330 | | | .3 | | 0.018 | 0.003 | 0.006 | 0.540 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1007 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1335 | | | .3 | | 0.011 | 0.002 | 0.002L | 0.450 | 0.001 | 0.005L | | | | |
| 02 | 11 | 76 | 1330 | | | .3 | | 0.015 | 0.002 | 0.004 | 0.500 | 0.002 | 0.028 | | | | |
| 08 | 12 | 76 | 1300 | | | .3 | | 0.008 | 0.002 | 0.024 | 0.520 | 0.003 | 0.342 | 377.0 | 1.3 | | |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

0.025 0.005 0.060 0.750 0.006 0.770 377.0 2.5
0.015 0.003D 0.016D 0.498 0.003 0.230D 313.0 1.9
0.008 0.001 0.002 0.330 0.001 0.005 249.0 1.3

NO OF SAMPLES

12 12 12 12 12 12 2 2

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 07 | 01 | 76 | 1335 | | | .3 | | 520 | 1.70 | 14.0 | | | | | | | |
| 11 | 02 | 76 | 0910 | | | .3 | | 495 | 2.00 | 14.5 | | | | | | | |
| 09 | 03 | 76 | 1300 | | | .3 | | 375 | 1.70 | 9.7 | | | | | | | |
| 06 | 04 | 76 | 1250 | | | .3 | | 315 | 1.00 | 5.6 | | | | | | | |
| 05 | 05 | 76 | 1310 | | | .3 | | 415 | 1.10 | 8.0 | | | | | | | |
| 02 | 06 | 76 | 1330 | | | .3 | | 410 | 1.40 | 8.2 | | | | | | | |
| 07 | 07 | 76 | 1315 | | | .3 | | 413 | 1.00 | 1.0 | | | | | | | |
| 11 | 08 | 76 | 1245 | | | .3 | | 410 | 1.60 | 17.0 | | | | | | | |
| 07 | 09 | 76 | 1330 | | | .3 | | 500 | 1.00 | 20.0 | | | | | | | |
| 05 | 10 | 76 | 1335 | | | .3 | | 440 | 1.50 | 26.5 | | | | | | | |
| 02 | 11 | 76 | 1330 | | | .3 | | 520 | 2.00 | 19.5 | | | | | | | |
| 08 | 12 | 76 | 1300 | | | .3 | | 630 | 1.20 | 26.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

630 2.00 26.5
454 1.43 14.2
315 1.00 1.0

NO OF SAMPLES

12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1335 | | | .3 | | 0.001 | | | | | | | | | |
| 28 | 01 | 76 | 1055 | | | .3 | | 0.001 | | | | | | | | | |
| 11 | 02 | 76 | 0910 | | | .3 | | 0.001L | | | | | | | | | |
| 24 | 02 | 76 | 1015 | | | .3 | | 0.001 | | | | | | | | | |
| 09 | 03 | 76 | 1300 | | | .3 | | 0.001L | | | | | | | | | |
| 22 | 03 | 76 | 1150 | | | .3 | | 0.001L | | | | | | | | | |
| 06 | 04 | 76 | 1250 | | | .3 | | 0.002 | | | | | | | | | |
| 20 | 04 | 76 | 1015 | | | .3 | | 0.001L | | | | | | | | | |
| 05 | 05 | 76 | 1310 | | | .3 | | 0.001L | | | | | | | | | |
| 21 | 05 | 76 | 0950 | | | .3 | | 0.007 | | | | | | | | | |
| 02 | 06 | 76 | 1330 | | | .3 | | 0.002 | | | | | | | | | |
| 17 | 06 | 76 | 1120 | | | .3 | | 0.001L | | | | | | | | | |
| 22 | 07 | 76 | 1305 | | | .3 | | 0.003 | | | | | | | | | |
| 12 | 08 | 76 | 1415 | | | .3 | | 0.003 | | | | | | | | | |
| 07 | 09 | 76 | 1330 | | | .3 | | 0.002 | | | | | | | | | |
| 16 | 09 | 76 | 1007 | | | .3 | | 0.003 | | | | | | | | | |
| 28 | 10 | 76 | 1005 | | | .3 | | 0.001 | | | | | | | | | |
| 02 | 11 | 76 | 1330 | | | .3 | | 0.001L | | | | | | | | | |
| 25 | 11 | 76 | 1005 | | | .3 | | 0.002 | | | | | | | | | |
| 08 | 12 | 76 | 1300 | | | .3 | | 0.014 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (%)
MINIMUM

0.014 0.002D 0.001

NO OF SAMPLES

20

B.O.W./ SITE: MOIRA RIVER
 SAMPLE POINT: HIGHWAY 7 1 MILE SOUTH OF DELORO
 STATION TYPE: RIVER FLOW GAUGE FED 02HLO05

STATION ID: 17-0026-013-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STORET CODE: 02
 004
 1090

| STN NO | 13 | LAT | LONG | U.T.M. 18 0291850.0 4930500.0 4 | REGION 04 | MILEAGE | 57.60 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|-------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1240 | | | .3 | | 18507 | 4 | 43.50 | 50. | 10. L | 10. L | | 0.5 | 11.0 | 2.6 |
| 22 | 03 | 76 | 1210 | | | .3 | | 17166 | 4 6 | 440.00 | | | | | | | |
| 06 | 04 | 76 | 1230 | | | .3 | | 18551 | 3 | 1110.00 | 80. | 1. | 4. | | 4.5 | 13.0 | 1.0 |
| 05 | 05 | 76 | 1220 | | | .3 | | 18566 | 6 | 98.40 | 30. | 4. | 1. | | 11.0 | 8.0 | 1.0 |
| 21 | 05 | 76 | 1005 | | | .3 | | 17225 | 5 | 212.00 | | | | | | | |
| 02 | 06 | 76 | 1140 | | | .3 | | 18579 | 6 | 58.00 | 120. | 1. | 1. | | 18.0 | 11.0 | 0.6 |
| 17 | 06 | 76 | 1100 | | | .3 | | 17278 | 5 8 | 8.40 | | | | | | | |
| 07 | 07 | 76 | 1120 | | | .3 | | 18593 | 6 | 13.00 | | | | | 25.0 | 6.0 | 1.2 |
| 22 | 07 | 76 | 1325 | | | .3 | | 17322 | | 4.90 | | | | | | | |
| 11 | 08 | 76 | 1100 | | | .3 | | 18607 | 8 | 3.00 | 10. L | | 1. | | 22.5 | 8.0 | 1.0 |
| 12 | 08 | 76 | 1450 | | | .3 | | 17364 | 5 | 2.90 | | | | | | | |
| 07 | 09 | 76 | 1155 | | | .3 | | 18621 | 8 | 2.40 | 150. | 1. | 1. | | 18.5 | 11.0 | 0.8 |
| 16 | 09 | 76 | 1025 | | | .3 | | 17410 | 5 | 2.90 | | | | | | | |
| 05 | 10 | 76 | 1225 | | | .3 | | 18635 | 8 | 3.80 | 50. | 1. | 0. | | 14.0 | 11.0 | 1.4 |
| 28 | 10 | 76 | 1025 | | | .3 | | 17458 | | 9.10 | | | | | | | |
| 02 | 11 | 76 | 1145 | | | .3 | | 18649 | 6 | 14.00 | 80. | 4. | 4. | | 4.0 | 7.0 | 0.7 |
| 25 | 11 | 76 | 1025 | | | .3 | | 17496 | | 14.10 | | | | | | | |
| 08 | 12 | 76 | 1130 | | | .3 | | 18663 | 4 | 29.00 | 40. | 6. | 4. | | 0.0 | 11.0 | 1.2 |
| | | | | | | | | | | 1110.00 | 150. | 10. | 10. | | 25.0 | 13.0 | 2.6 |
| MAXIMUM | | | | | | | | | | | 53.* D | 2.* D | 2.* D | | 11.8 | 9.7 | 1.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | 114.97 | | 1. | 0. | | 0.0 | 6.0 | 0.6 |
| MINIMUM | | | | | | | | | | 2.40 | 10. | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 18 | 9 | 8 | 9 | | 10 | 10 | 10 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 | 01 | 76 | 1240 | | | .3 | | 0.033 | 0.026 | 0.080 | 0.820 | 0.005 | 0.230 | | | | |
| 22 | 03 | 76 | 1210 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1230 | | | .3 | | 0.029 | 0.005 | 0.002L | 0.410 | 0.004 | 0.136 | | | | |
| 05 | 05 | 76 | 1220 | | | .3 | | 0.022 | 0.015 | 0.002 | 0.490 | 0.004 | 0.021 | | | | |
| 21 | 05 | 76 | 1005 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1140 | | | .3 | | 0.033 | 0.031 | 0.002 | 0.670 | 0.003 | 0.005L | | | | |
| 17 | 06 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1120 | | | .3 | | 0.085 | 0.066 | 0.004 | 0.570 | 0.003 | 0.005L | | | | |
| 22 | 07 | 76 | 1325 | | | .3 | | | | | | | | | | | |
| 11 | 08 | 76 | 1100 | | | .3 | | 0.215 | 0.085 | 0.020 | 0.760 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1450 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1155 | | | .3 | | 0.154 | 0.140 | 0.012 | 0.560 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1025 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1225 | | | .3 | | 0.760 | 0.750 | 0.002 | 0.560 | 0.001 | 0.005L | | | | |
| 28 | 10 | 76 | 1025 | | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 1145 | | | .3 | | 0.063 | 0.062 | 0.004 | 0.420 | 0.001 | 0.005L | | | | |
| 25 | 11 | 76 | 1025 | | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1130 | | | .3 | | 0.039 | 0.028 | 0.004 | 0.630 | 0.003 | 0.087 | 167.0 | 0.7 | | |
| | | | | | | | | 0.760 | 0.750 | 0.080 | 0.820 | 0.005 | 0.230 | 167.0 | 0.7 | | |
| MAXIMUM | | | | | | | | 0.143 | 0.121 | 0.013D | 0.589 | 0.003 | 0.050D | 167.0 | 0.7 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.022 | 0.005 | 0.002 | 0.410 | 0.001 | 0.005 | 167.0 | 0.7 | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 1 | 1 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHQS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 | 01 | 76 | 1240 | | | .3 | | 260 | 1.90 | 7.5 | | | | | | | |
| 06 | 04 | 76 | 1230 | | | .3 | | 140 | 1.60 | 2.9 | | | | | | | |
| 05 | 05 | 76 | 1220 | | | .3 | | 210 | 0.85 | 4.3 | | | | | | | |
| 02 | 06 | 76 | 1140 | | | .3 | | 210 | 1.20 | 4.1 | | | | | | | |
| 07 | 07 | 76 | 1120 | | | .3 | | 290 | 1.80 | 6.4 | | | | | | | |
| 11 | 08 | 76 | 1100 | | | .3 | | 280 | 1.90 | 6.6 | | | | | | | |
| 07 | 09 | 76 | 1155 | | | .3 | | 275 | 0.66 | 7.4 | | | | | | | |
| 05 | 10 | 76 | 1225 | | | .3 | | 305 | 1.00 | 8.0 | | | | | | | |
| 02 | 11 | 76 | 1145 | | | .3 | | 365 | 5.50 | 11.0 | | | | | | | |
| 08 | 12 | 76 | 1130 | | | .3 | | 255 | 1.50 | 5.6 | | | | | | | |
| | | | | | | | | 365 | 5.50 | 11.0 | | | | | | | |
| MAXIMUM | | | | | | | | 259 | 1.79 | 6.4 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 140 | 0.66 | 2.9 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 07 | 01 | 76 | 1240 | | | .3 | | 0.093 | | | | | | | | | |
| 22 | 03 | 76 | 1210 | | | .3 | | 0.17 | | | | | | | | | |
| 06 | 04 | 76 | 1230 | | | .3 | | 0.040 | | | | | | | | | |
| 05 | 05 | 76 | 1220 | | | .3 | | 0.057 | | | | | | | | | |
| 21 | 05 | 76 | 1005 | | | .3 | | 0.03 | | | | | | | | | |
| 17 | 06 | 76 | 1100 | | | .3 | | 0.030 | | | | | | | | | |
| 22 | 07 | 76 | 1325 | | | .3 | | 0.001 | | | | | | | | | |
| 12 | 08 | 76 | 1450 | | | .3 | | 0.130 | | | | | | | | | |
| 07 | 09 | 76 | 1155 | | | .3 | | 0.790 | | | | | | | | | |
| 16 | 09 | 76 | 1025 | | | .3 | | 0.780 | | | | | | | | | |
| 28 | 10 | 76 | 1025 | | | .3 | | 0.240 | | | | | | | | | |
| 02 | 11 | 76 | 1145 | | | .3 | | 0.140 | | | | | | | | | |
| 25 | 11 | 76 | 1025 | | | .3 | | 0.120 | | | | | | | | | |
| 08 | 12 | 76 | 1130 | | | .3 | | 0.059 | | | | | | | | | |

MAXIMUM 0.790
 AVG OR GEOM MN (") 0.191
 MINIMUM 0.001
 NO OF SAMPLES 14

B.O.W./ SITE: MOIRA RIVER
 SAMPLE POINT: DOWNSTREAM FROM VILLAGE OF MALONE
 STATION TYPE: RIVER

STATION ID: 17-0026-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: LAKE ONTARIO
 TERM STREAM: MOIRA RIVER

STORET CODE: 02
 004
 1090

| STN NO | 19 | LAT | LONG | U.T.M. 18 0293000.0 4936700.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 62.60 | | | |
|------------|-----------|----------|-----------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|------|-----|
| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTPS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | | |
| 07 | 01 | 76 | 1210 | | | .3 | | 18503 | 4 | | 60. | 10. | L | 20. | | 0.5 | 11.0 | 1.6 | |
| 26 | 01 | 76 | 1150 | | | .3 | | 17144 | 4 | | | | | | | | | | |
| 10 | 02 | 76 | 1220 | | | .3 | | 18524 | 4 | | 10. | L | 1. | 4. | | 0.5 | 12.0 | 0.8 | |
| 24 | 02 | 76 | 1051 | | | .3 | | 17155 | 4 | | | | | | | | | | |
| 09 | 03 | 76 | 1140 | | | .3 | | 18538 | 3 | | 100. | L | 100. | L | 10. | L | 0.5 | 12.0 | 0.6 |
| 22 | 03 | 76 | 1225 | | | .3 | | 17167 | 6 | | | | | | | | | | |
| 06 | 04 | 76 | 1210 | | | .3 | | 18552 | 3 | | 10. | | 1. | 12. | | 5.0 | 14.0 | 0.6 | |
| 20 | 04 | 76 | 1100 | | | .3 | | 17190 | 6 B | | | | | | | | | | |
| 05 | 05 | 76 | 1200 | | | .3 | | 18565 | 6 | | 40. | | 1. | 1. | | 10.0 | 9.0 | 0.8 | |
| 21 | 05 | 76 | 1020 | | | .3 | | 17226 | 5 | | | | | | | | | | |
| 02 | 06 | 76 | 1200 | | | .3 | | 18580 | 6 | | 170. | | 1. | 1. | | 18.0 | 11.0 | 0.6 | |
| 17 | 06 | 76 | 1030 | | | .3 | | 17279 | 5 | | | | | | | | | | |
| 07 | 07 | 76 | 1135 | | | .3 | | 18594 | 6 | | | | | | | | | | |
| 11 | 08 | 76 | 1125 | | | .3 | | 18608 | 6 | | 8000. | | | 4. | | 24.0 | 8.0 | 0.8 | |
| 12 | 08 | 76 | 1435 | | | .3 | | 17365 | 5 | | | | | | | | | | |
| 07 | 09 | 76 | 1215 | | | .3 | | 18622 | 6 | | 400. | | 10. | L | 10. | | 18.0 | 10.0 | 0.8 |
| 16 | 09 | 76 | 1045 | | | .3 | | 17411 | 5 | | | | | | | | | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 18636 | 6 | | 400. | | 68. | 0. | | 13.0 | 9.0 | 1.6 | |
| 02 | 11 | 76 | 1215 | | | .3 | | 18650 | 6 | | 130. | | 1. | 24. | | 3.5 | 13.0 | 1.1 | |
| 08 | 12 | 76 | 1150 | | | .3 | | 18664 | 4 | | 50. | | 14. | 10. | | 0.5 | 11.0 | 0.8 | |

MAXIMUM 8000. 100. 24.
 AVG OR GEOM MN (") 112. * D 5. * D 5. * D
 MINIMUM 10. 1. 0.
 NO OF SAMPLES 11 10 11 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 07 | 01 | 76 | 1210 | | | .3 | | 0.014 | 0.003 | 0.090 | 0.690 | 0.004 | 0.210 | | | | |
| 28 | 01 | 76 | 1150 | | | .3 | | | | | | | | | | | |
| 10 | 02 | 76 | 1220 | | | .3 | | 0.014 | 0.003 | 0.270 | 0.820 | 0.007 | 0.260 | | | | |
| 24 | 02 | 76 | 1051 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1140 | | | .3 | | 0.017 | 0.004 | 0.206 | 0.720 | 0.008 | 0.337 | | | | |
| 22 | 03 | 76 | 1225 | | | .3 | | | | | | | | | | | |
| 06 | 04 | 76 | 1210 | | | .3 | | 0.016 | 0.002 | 0.002L | 0.380 | 0.004 | 0.131 | | | | |
| 20 | 04 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 05 | 05 | 76 | 1200 | | | .3 | | 0.011 | 0.001 | 0.012 | 0.450 | 0.004 | 0.036 | | | | |
| 21 | 05 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 02 | 06 | 76 | 1200 | | | .3 | | 0.025 | 0.002 | 0.010 | 0.640 | 0.004 | 0.006 | 132.0 | 2.0 | | |
| 17 | 06 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 07 | 07 | 76 | 1135 | | | .3 | | 0.023 | 0.004 | 0.025 | 0.710 | 0.004 | 0.111 | | | | |
| 11 | 08 | 76 | 1125 | | | .3 | | 0.020 | 0.002 | 0.006 | 0.600 | 0.002 | 0.005L | | | | |
| 12 | 08 | 76 | 1435 | | | .3 | | | | | | | | | | | |
| 07 | 09 | 76 | 1215 | | | .3 | | 0.014 | 0.002 | 0.006 | 0.480 | 0.001 | 0.005L | | | | |
| 16 | 09 | 76 | 1045 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 1200 | | | .3 | | 0.009 | 0.003 | 0.002L | 0.440 | 0.001 | 0.005L | | | | |
| 02 | 11 | 76 | 1215 | | | .3 | | 0.015 | 0.002 | 0.002L | 0.530 | 0.002 | 0.008 | | | | |
| 08 | 12 | 76 | 1150 | | | .3 | | 0.013 | 0.002 | 0.006 | 0.740 | 0.002 | 0.083 | 167.0 | 1.2 | | |

MAXIMUM 0.025 0.004 0.270 0.820 0.008 0.337 167.0 2.0
 AVG OR GEOM MN (") 0.016 0.003 0.053D 0.600 0.004 0.100D 149.5 1.6
 MINIMUM 0.009 0.001 0.002 0.380 0.001 0.005 132.0 1.2
 NO OF SAMPLES 12 12 12 12 12 12 2 2

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|-------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | UNITS | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 07 01 76 1210 | | | .3 | | 255 | 1.20 | 4.6 | | | | | | | |
| 10 02 76 1220 | | | .3 | | 265 | 1.00 | 4.6 | | | | | | | |
| 09 03 76 1140 | | | .3 | | 245 | 1.50 | 5.5 | | | | | | | |
| 06 04 76 1210 | | | .3 | | 138 | 1.30 | 2.8 | | | | | | | |
| 05 05 76 1200 | | | .3 | | 205 | 1.00 | 4.0 | | | | | | | |
| 02 06 76 1200 | | | .3 | | 200 | 1.30 | 3.3 | | | | | | | |
| 07 07 76 1135 | | | .3 | | 315 | 1.80 | 7.2 | | | | | | | |
| 11 08 76 1125 | | | .3 | | 335 | 1.30 | 7.7 | | | | | | | |
| 07 09 76 1215 | | | .3 | | 375 | 0.48 | 9.6 | | | | | | | |
| 05 10 76 1200 | | | .3 | | 415 | 0.80 | 13.5 | | | | | | | |
| 02 11 76 1215 | | | .3 | | 350 | 1.20 | 13.0 | | | | | | | |
| 08 12 76 1150 | | | .3 | | 255 | 1.20 | 5.4 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 415 | 1.80 | 13.5 |
| AVG OR GEOM MN (*) | 279 | 1.17 | 6.8 |
| MINIMUM | 138 | 0.48 | 2.8 |
| NO OF SAMPLES | 12 | 12 | 12 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1210 | | | .3 | | 0.001 | | | | | | | | | |
| 28 01 76 1150 | | | .3 | | 0.001 | | | | | | | | | |
| 10 02 76 1220 | | | .3 | | 0.001L | | | | | | | | | |
| 24 02 76 1051 | | | .3 | | 0.001 | | | | | | | | | |
| 09 03 76 1140 | | | .3 | | 0.001L | | | | | | | | | |
| 22 03 76 1225 | | | .3 | | 0.001 | | | | | | | | | |
| 06 04 76 1210 | | | .3 | | 0.001L | | | | | | | | | |
| 20 04 76 1100 | | | .3 | | 0.001 | | | | | | | | | |
| 05 05 76 1200 | | | .3 | | 0.001 | | | | | | | | | |
| 21 05 76 1020 | | | .3 | | 0.001L | | | | | | | | | |
| 02 06 76 1200 | | | .3 | | 0.007L | | | | | | | | | |
| 17 06 76 1030 | | | .3 | | 0.001L | | | | | | | | | |
| 22 07 76 1345 | | | .3 | | 0.19 | | | | | | | | | |
| 12 08 76 1435 | | | .3 | | 0.001L | | | | | | | | | |
| 07 09 76 1215 | | | .3 | | 0.002 | | | | | | | | | |
| 16 09 76 1045 | | | .3 | | 0.002 | | | | | | | | | |
| 28 10 76 1040 | | | .3 | | 0.001 | | | | | | | | | |
| 02 11 76 1215 | | | .3 | | 0.001 | | | | | | | | | |
| 25 11 76 1045 | | | .3 | | 0.001 | | | | | | | | | |
| 08 12 76 1150 | | | .3 | | 0.001 | | | | | | | | | |

| | |
|--------------------|--------|
| MAXIMUM | 0.19 |
| AVG OR GEOM MN (*) | 0.0110 |
| MINIMUM | 0.001 |
| NO OF SAMPLES | 20 |

B.O.W./ SITE: SALMON RIVER
SAMPLE POINT: AT OLD HIGHWAY 2, SHANNONVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02HMOD3

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SALMON RIVER

STATION ID: 17-0031-001-02

STORET CODE: 02
004
1000

| STN NO | 1 | LAT | LONG | U.T.M. | 18 | 0321B10.0 | 4895875.0 | 4 | REGION | 04 | MILEAGE | 1.80 | | |
|--------------------|------|-----|-------|--------|--------|-----------|-----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | SOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 05 01 76 1045 | | | .3 | | 26036 | | 220.00 | 52. | 10. | 10. | | | | 1.4 |
| 02 02 76 1315 | | | .3 | | 18755 | | 320.00 | 80. | 60. | 10. | L | | | 0.2 |
| 01 03 76 1030 | | | .3 | | 18759 | 3 0 | 1500.00 | 60. | 10. | 20. | | 0.0 | 8.0 | 0.8 |
| 05 04 76 1100 | | | .3 | | 18762 | 3 | 2450.00 | 50. | 1. | 1. | | 5.0 | 5.0 | 0.6 |
| 23 04 76 1030 | | | .3 | | 18763 | 0 3 | 847.00 | 30. | 1. | 1. | | 12.0 | 9.0 | 1.0 |
| 03 05 76 0930 | | | .3 | | 18767 | 0 3 | 443.00 | 100. | 1. | 8. | | 11.0 | 2.0 | 0.6 |
| 01 06 76 0900 | | | .3 | | 18769 | 3 0 | 247.00 | 200. | | 4. | | 18.0 | 4.0 | 0.8 |
| 05 07 76 0900 | | | .3 | | 18772 | 6 0 | | 60. | | 8. | | 20.0 | 7.0 | 0.6 |
| 03 08 76 0930 | | | .3 | | 18775 | 6 | 25.80 | 200. | | 64. | | 20.0 | 7.0 | 0.8 |
| 31 08 76 0945 | | | .3 | | 18779 | 6 | | 400. | 96. | 16. | | 18.0 | 4.0 | 0.6 |
| 06 10 76 1100 | | | .3 | | 18780 | 6 | | 30000E+1 | 3300. | 600. | G | 15.0 | 8.0 | 2.4 |
| 08 11 76 1100 | | | .3 | | 18785 | 6 | | 4800. | 252. | 24. | | 3.0 | 4.0 | 0.3 |
| 29 11 76 1000 | | | .3 | | 18786 | 6 | | | | | | 2.5 | 6.0 | 0.8 |
| MAXIMUM | | | | | | | 2450.00 | 30000E+1 | 3300. | 600. | | 20.0 | 9.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | 756.80 | 247.* | 20.* D | 12.* E | | 11.3 | 5.8 | 0.8 |
| MINIMUM | | | | | | | 25.80 | 30. | 1. | 1. | | 0.0 | 2.0 | 0.2 |
| NO OF SAMPLES | | | | | | | 8 | 12 | 9 | 12 | | 11 | 11 | 13 |

| | | | | | | | |
|--------------------|---------|----------|-------|------|------|-----|-----|
| MAXIMUM | 2450.00 | 30000E+1 | 3300. | 600. | 20.0 | 9.0 | 2.4 |
| AVG OR GEOM MN (*) | 756.80 | 247.* | 20.* | 12.* | 11.3 | 5.8 | 0.8 |
| MINIMUM | 25.80 | 30. | 1. | 1. | 0.0 | 2.0 | 0.2 |
| NO OF SAMPLES | 8 | 12 | 9 | 12 | 11 | 11 | 13 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|-----|-------|----|---------|----------|----------|----------|----------|----------|---------|---------|--------|----------|
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| MO | YR | LMT | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 | 01 | 76 | 1045 | | .3 | | 0.011 | 0.002 | 0.030 | 0.500 | 0.004 | 0.190 | 181.0 | 2.0 | | 179 |
| 02 | 02 | 76 | 1315 | | .3 | | 0.019 | 0.004 | 0.090 | 0.570 | 0.005 | 0.210 | 191.0 | | | 189 |
| 01 | 03 | 76 | 1030 | | .3 | | 0.038 | 0.004 | 0.054 | 0.560 | 0.011 | 0.489 | | | | 172 |
| 05 | 04 | 76 | 1100 | | .3 | | 0.019 | 0.001 | 0.002L | 0.380 | 0.005 | 0.180 | | 5.8 | | 114 |
| 23 | 04 | 76 | 1030 | | .3 | | 0.089 | 0.021 | 0.062 | 0.900 | 0.009 | 0.081 | | 9.3 | | 146 |
| 03 | 05 | 76 | 0930 | | .3 | | 0.018 | 0.002 | 0.002L | 0.430 | 0.003 | 0.032 | | 2.7 | | 137 |
| 01 | 06 | 76 | 0900 | | .3 | | 0.021 | 0.003 | 0.010 | 0.580 | 0.003 | 0.005L | 152.0 | 15.0 | | 137 |
| 05 | 07 | 76 | 0900 | | .3 | | 0.022 | 0.006 | 0.014 | 0.540 | 0.003 | 0.007 | 181.0 | 4.6 | | 176 |
| 03 | 08 | 76 | 0930 | | .3 | | 0.020 | 0.002 | 0.008 | 0.500 | 0.002 | 0.008 | 185.0 | 3.3 | | |
| 31 | 08 | 76 | 0945 | | .3 | | 0.020 | 0.002 | 0.004 | 0.490 | 0.001 | 0.005L | 192.0 | 3.4 | | 189 |
| 06 | 10 | 76 | 1100 | | .3 | | 0.028 | 0.002 | 0.002 | 0.520 | 0.002 | 0.005L | 222.0 | 4.3 | | 218 |
| 08 | 11 | 76 | 1100 | | .3 | | 0.012 | 0.002 | 0.002 | 0.470 | 0.002 | 0.013 | 263.0 | 2.8 | | 260 |
| 29 | 11 | 76 | 1000 | | .3 | | 0.016 | 0.003 | 0.002 | 0.450 | 0.003 | 0.162 | 201.0 | 2.8 | | 198 |
| MAXIMUM | | | | | | | 0.089 | 0.021 | 0.090 | 0.900 | 0.011 | 0.489 | 263.0 | 15.0 | | 260 |
| AVG OR GEOM MN (*) | | | | | | | 0.026 | 0.004 | 0.022D | 0.530 | 0.004 | 0.113D | 196.4 | 5.1 | | 176 |
| MINIMUM | | | | | | | 0.011 | 0.001 | 0.002 | 0.380 | 0.001 | 0.005 | 152.0 | 2.0 | | 114 |
| NO OF SAMPLES | | | | | | | 13 | 13 | 13 | 13 | 13 | 13 | 9 | 11 | | 12 |
| | | | | | | | | | | | | | | | | |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY | MO | YR | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| MO | YR | LMT | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | MG/L | MG/L | | MG/L | MG/L |
| 05 | 01 | 76 | 1045 | | .3 | | 275 | 1.80 | 4.7 | | | | | | | |
| 02 | 02 | 76 | 1315 | | .3 | | 290 | 1.40 | 5.4 | | | | | | | |
| 01 | 03 | 76 | 1030 | | .3 | | 265 | 5.10 | 4.7 | | | | | | | |
| 05 | 04 | 76 | 1100 | | .3 | | 175 | 3.90 | 3.2 | 12.0 | 1.85 | | 8.10 | 0.25 | | |
| 23 | 04 | 76 | 1030 | | .3 | | 225 | 4.00 | 7.5 | 10.5 | 1.25 | | 7.50 | | | 0.460 |
| 03 | 05 | 76 | 0930 | | .3 | | 210 | 2.10 | 3.8 | 11.0 | 1.00 | | 8.20 | | | 0.150 |
| 01 | 06 | 76 | 0900 | | .3 | | 210 | 1.90 | 3.7 | 9.5 | 1.05 | | 7.25 | | | 0.140 |
| 05 | 07 | 76 | 0900 | | .3 | | 268 | 2.80 | 5.3 | 13.5 | 2.50 | | 7.44 | | | 0.270 |
| 03 | 08 | 76 | 0930 | | .3 | | 278 | 2.40 | 7.8 | | | | | | | |
| 31 | 08 | 76 | 0945 | | .3 | | 290 | 2.00 | 9.2 | 12.5 | 2.45 | | 8.19 | | | 0.140 |
| 06 | 10 | 76 | 1100 | | .3 | | 335 | 2.20 | 12.0 | 15.0 | 1.35 | | 7.77 | | | 0.190 |
| 08 | 11 | 76 | 1100 | | .3 | | 400 | 1.60 | 12.5 | 24.5 | 1.95 | | 8.29 | | | 0.130 |
| 29 | 11 | 76 | 1000 | | .3 | | 305 | 2.50 | 6.8 | 18.5 | 1.50 | | 8.03 | | | 0.170 |
| MAXIMUM | | | | | | | 400 | 5.10 | 12.5 | 24.5 | 2.50 | | 8.29 | | 0.25 | 0.460 |
| AVG OR GEOM MN (*) | | | | | | | 271 | 2.59 | 6.7 | 14.1 | 1.66 | | 7.86 | | 0.25 | 0.206 |
| MINIMUM | | | | | | | 175 | 1.40 | 3.2 | 9.5 | 1.00 | | 7.25 | | 0.25 | 0.130 |
| NO OF SAMPLES | | | | | | | 13 | 13 | 13 | 9 | 9 | | 9 | | 1 | 8 |
| | | | | | | | | | | | | | | | | |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY | MO | YR | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COO | SOLVENT |
| MO | YR | LMT | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | MG/L | | MG/L |
| 05 | 01 | 76 | 1045 | | .3 | | | | | | | | | | | |
| 02 | 02 | 76 | 1315 | | .3 | | | | | | | | | | | |
| 01 | 03 | 76 | 1030 | | .3 | | | | | | | | | | | |
| 05 | 04 | 76 | 1100 | | .3 | | | | | | | | | | | |
| 23 | 04 | 76 | 1030 | | .3 | | 1.0L | | | | | | | | 20 | |
| 03 | 05 | 76 | 0930 | | .3 | | 1.0L | | | | | | | | 35 | |
| 01 | 06 | 76 | 0900 | | .3 | | 1.0L | | | | | | | | 44 | |
| 05 | 07 | 76 | 0900 | | .3 | | 1.0L | | | | | | | | 20 | |
| 03 | 08 | 76 | 0930 | | .3 | | 1.0L | | | | | | | | 43 | |
| 31 | 08 | 76 | 0945 | | .3 | | 1.0L | | | | | | | | 10L | 1 |
| 06 | 10 | 76 | 1100 | | .3 | | 1.0 | | | | | | | | 30 | |
| 08 | 11 | 76 | 1100 | | .3 | | 1.0L | | | | | | | | 51 | |
| 29 | 11 | 76 | 1000 | | .3 | | 1.0L | | | | | | | | 45 | |
| MAXIMUM | | | | | | | 1.0 | | | | | | | | 51 | 1 |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | | | | | | | 33D | 1 |
| MINIMUM | | | | | | | 1.0 | | | | | | | | 10 | 1 |
| NO OF SAMPLES | | | | | | | 9 | | | | | | | 9 | 9 | 1 |
| | | | | | | | | | | | | | | | | |
| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY | MO | YR | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| MO | YR | LMT | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 01 | 06 | 76 | 0900 | | .3 | | 0.001L | 0.030L | | 0.020 | 0.010 | 0.010L | 0.010L | 0.010L | | 0.010L |
| 31 | 08 | 76 | 0945 | | .3 | | 0.001L | 0.040L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | 0.040 | | 0.020 | 0.010 | 0.010 | 0.010 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001D | 0.035D | | 0.015D | 0.010D | 0.010D | 0.010D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.030 | | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | 2 | 2 | | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DOWNSTREAM FROM NAPANEE
STATION TYPE: RIVER FLOW GAUGE FED 02HMO01

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

| STN NO | 1 | LAT | LONG | U.T.M. 18 0342300.0 4897625.0 4 | REGION 04 | MILEAGE | 3.50 | | | | | | | | | |
|----------|-----------|----------|---------------|---------------------------------|-----------------|---------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 05 01 76 | 1130 | | .3 | | | | 26037 | | | 17100. | 5100. | 950. | | | | 3.0 |
| 02 02 76 | 1400 | | .3 | | | | 18754 | | | 33000. | 4200. | 730. | | | | 2.0 |
| 01 03 76 | 1125 | | .3 | | | | 18758 | 4 0 | | 1020. | 30. | 160. | | 0.0 | 10.0 | 3.4 |
| 05 04 76 | 1155 | | .3 | | | | 18761 | 3 | | 50. | 1. | 1. | | 4.5 | 0.3 | 1.4 |
| 23 04 76 | 0100 | | .3 | | | | 18764 | 0 3 | | 1000. | 16. | 8. | | 15.0 | 6.0 | 0.4 |
| 03 05 76 | 0900 | | .3 | | | | 18766 | 0 5 | | 9500. | 220. | 70. | | 11.5 | 4.0 | 1.4 |
| 01 06 76 | 0945 | | .3 | | | | 18770 | 6 0 | | 1600. | | 8. | | 18.0 | 5.0 | 1.2 |
| 05 07 76 | 1000 | | .3 | | | | 18773 | 5 0 | | 44000E+1 | | 1. | | 23.0 | 7.0 | 1.4 |
| 03 08 76 | 1015 | | .3 | | | | 18776 | 6 | | 360. | | 1. | | 21.0 | 6.0 | 3.0 |
| 31 08 76 | 1030 | | .3 | | | | 18778 | 6 0 | | 2500. | 30. | 10. L | | 19.5 | 7.0 | 3.0 |
| 06 10 76 | 1030 | | .3 | | | | 18781 | 6 | | | | | | 16.0 | 6.0 | 4.8 |
| 08 11 76 | 1115 | | .3 | | | | 18784 | 6 | | 4700. | 270. | 80. | | 4.0 | 4.0 | 0.9 |
| 29 11 76 | 1215 | | .3 | | | | 18787 | 6 | | | | | | 1.5 | 5.0 | 3.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

44000E+1
3446.*
50.

5100.
108.*
1.

950.
21.* D
1.

23.0
12.2
0.0

10.0
5.5
0.3

4.8
2.2
0.4

NO OF SAMPLES

11

8

11

11

11

13

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|----------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 05 01 76 | 1130 | | .3 | | | | 0.079 | 0.035 | 0.100 | 0.980 | 0.006 | 0.230 | 208.0 | 3.0 | | 205 |
| 02 02 76 | 1400 | | .3 | | | | 0.073 | 0.019 | 0.070 | 0.820 | 0.009 | 0.500 | 203.0 | | | 198 |
| 01 03 76 | 1125 | | .3 | | | | 0.057 | 0.008 | 0.084 | 1.580 | 0.010 | 0.711 | 176.0 | 6.6 | | 169 |
| 05 04 76 | 1155 | | .3 | | | | 0.026 | 0.002 | 0.002L | 0.420 | 0.006 | 0.199 | | 4.5 | | 104 |
| 23 04 76 | 0100 | | .3 | | | | 0.013 | 0.002 | 0.002L | 0.410 | 0.004 | 0.136 | | 4.4 | | 120 |
| 03 05 76 | 0900 | | .3 | | | | 0.053 | 0.015 | 0.024 | 0.780 | 0.007 | 0.108 | | 7.3 | | 169 |
| 01 06 76 | 0945 | | .3 | | | | 0.060 | 0.022 | 0.070 | 0.860 | 0.007 | 0.013 | 153.0 | 13.0 | | 140 |
| 05 07 76 | 1000 | | .3 | | | | 0.325 | 0.180 | 0.386 | 1.950 | 0.029 | 0.061 | 193.0 | 11.0 | | 182 |
| 03 08 76 | 1015 | | .3 | | | | 0.358 | 0.240 | 0.152 | 1.100 | 0.012 | 0.013 | 149.0 | 5.5 | | |
| 31 08 76 | 1030 | | .3 | | | | 0.260 | 0.170 | 0.016 | 1.620 | 0.002 | 0.005L | 150.0 | 13.0 | | 137 |
| 06 10 76 | 1030 | | .3 | | | | 0.250 | 0.110 | 0.062 | 1.280 | 0.002 | 0.005L | 158.0 | 12.0 | | 146 |
| 08 11 76 | 1115 | | .3 | | | | 0.138 | 0.085 | 0.084 | 0.750 | 0.007 | 0.108 | 179.0 | 2.9 | | 176 |
| 29 11 76 | 1215 | | .3 | | | | 0.195 | 0.090 | 0.076 | 1.000 | 0.007 | 0.428 | 215.0 | 7.2 | | 208 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.358
0.145
0.013

0.240
0.075
0.002

0.386
0.087D
0.002

1.950
1.042
0.410

0.029
0.008
0.002

0.711
0.194D
0.005

215.0
178.4
149.0

13.0
7.5
2.9

208
163
104

NO OF SAMPLES

13

13

13

13

13

13

10

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|----------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 05 01 76 | 1130 | | .3 | | | | 315 | 1.40 | 9.8 | | | | | | | |
| 02 02 76 | 1400 | | .3 | | | | 305 | 3.70 | 9.4 | | | | | | | |
| 01 03 76 | 1125 | | .3 | | | | 260 | 5.30 | 7.5 | | | 3.2 | 102 | 7.70 | 0.60 | |
| 05 04 76 | 1155 | | .3 | | | | 160 | 2.50 | 3.8 | 11.0 | 1.55 | | | 8.00 | 0.25 | |
| 23 04 76 | 0100 | | .3 | | | | 185 | 1.80 | 3.6 | 9.5 | 1.30 | | | 7.50 | | 0.180 |
| 03 05 76 | 0900 | | .3 | | | | 260 | 4.20 | 7.4 | 12.5 | 0.95 | | | 7.98 | | 0.350 |
| 01 06 76 | 0945 | | .3 | | | | 215 | 3.10 | 5.0 | 8.0 | 0.95 | | | 7.77 | | 0.380 |
| 05 07 76 | 1000 | | .3 | | | | 278 | 2.80 | 8.5 | 11.0 | 2.10 | | | 7.88 | | 0.230 |
| 03 08 76 | 1015 | | .3 | | | | 220 | 3.90 | 7.0 | | | | | | | |
| 31 08 76 | 1030 | | .3 | | | | 210 | 5.40 | 7.2 | 11.0 | 0.60 | | | 7.47 | | 0.350 |
| 06 10 76 | 1030 | | .3 | | | | 225 | 5.00 | 9.2 | 14.5 | 0.15 | | | 7.35 | | 0.380 |
| 08 11 76 | 1115 | | .3 | | | | 270 | 2.60 | 11.5 | 20.0 | 1.40 | | | 7.66 | | 0.140 |
| 29 11 76 | 1215 | | .3 | | | | 320 | 6.60 | 15.5 | 23.5 | 0.95 | | | 7.63 | | 0.300 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

320
248
160

6.60
3.72
1.40

15.5
8.1
3.6

23.5
13.4
8.0

2.10
1.11
0.15

3.2
3.2
3.2

102
102
102

8.00
7.69
7.35

0.60
0.43
0.25

0.380
0.289
0.140

NO OF SAMPLES

13

13

13

9

9

1

1

10

2

8

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|----------|--------|-------|---------------|---------|-----------------|----|-----------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|---------------------------|
| 05 01 76 | 1130 | | .3 | | | | | | | | | | | | | |
| 02 02 76 | 1400 | | .3 | | | | | | | | | | | | | |
| 01 03 76 | 1125 | | .3 | | | | | | | | | | | | | |
| 05 04 76 | 1155 | | .3 | | | | | 124.0 | | | | | | | | |
| 23 04 76 | 0100 | | .3 | | | | 1.0L | | | | | | | 6 | 22 | |
| 03 05 76 | 0900 | | .3 | | | | 1.0L | | | | | | | 17 | 28 | |
| 01 06 76 | 0945 | | .3 | | | | 1.0L | | | | | | | 13 | 48 | |
| 05 07 76 | 1000 | | .3 | | | | 1.0L | | | | | | | 15 | 28 | |
| 03 08 76 | 1015 | | .3 | | | | 1.0L | | | | | | | 15 | 45 | |
| 31 08 76 | 1030 | | .3 | | | | 1.0L | | | | | | | | | 0 |
| 06 10 76 | 1030 | | .3 | | | | 1.0L | | | | | | | 14 | 12 | |
| 08 11 76 | 1115 | | .3 | | | | 1.0L | | | | | | | 12 | 45 | |
| 29 11 76 | 1215 | | .3 | | | | 1.0L | | | | | | | 14 | 45 | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1.0
1.0D
1.0

124.0
124.0
124.0

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 01 | 06 | 76 | 0945 | | | .3 | | 0.001L | 0.160 | | 0.020L | 0.080 | 0.010L | 0.010L | 0.110 | | 0.010L |
| 31 | 08 | 76 | 1030 | | | .3 | | 0.008 | 0.040L | | 0.010L | 0.100 | 0.010L | 0.010L | 0.010L | | 0.010L |
| | | | | | | | | MAXIMUM | 0.008 | 0.160 | 0.020 | 0.100 | 0.010 | 0.010 | 0.110 | | 0.010 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.005D | 0.100D | 0.015D | 0.090 | 0.010D | 0.010D | 0.060D | | 0.010D |
| | | | | | | | | MINIMUM | 0.001 | 0.040 | 0.010 | 0.080 | 0.010 | 0.010 | 0.010 | | 0.010 |
| | | | | | | | | NO OF SAMPLES | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 2 |

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401
STATION TYPE: RIVER FLOW GAUGE FED 02HMO01

STATION ID: 17-0035-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO 2 LAT LONG U.T.M. 18 0346110.0 4904300.0 4 REGION 04 MILEAGE 9.20

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 01 | 76 | 1245 | | | .3 | | 26038 | | | 600. | 10. | 10. | | | | 2.2 |
| 02 | 02 | 76 | 1430 | | | .3 | | 18756 | | | 840. | 190. | 30 | | | | 1.0 |
| 01 | 03 | 76 | 1145 | | | .3 | | 18757 | 3 0 | | 590. | 10. | 10. | | 1.0 | | 1.0 |
| 05 | 04 | 76 | 1150 | | | .3 | | 18760 | 3 | | 50. | 1. | 1. | | 4.5 | 6.0 | |
| 03 | 05 | 76 | 0830 | | | .3 | | 18763 | 0 3 | | 1100. | 1. | 12. | | 11.5 | 8.0 | |
| 01 | 06 | 76 | 0830 | | | .3 | | 18768 | 3 0 | | 500. | | 36. | | 17.0 | 4.0 | 1.6 |
| 05 | 07 | 76 | 0830 | | | .3 | | 18771 | 6 | | 2500. | | 1. | | 21.5 | 5.0 | 0.8 |
| 03 | 08 | 76 | 0900 | | | .3 | | 18774 | 6 | | 2800. | | 8. | | 20.0 | 6.0 | 0.6 |
| 31 | 08 | 76 | 0900 | | | .3 | | 18777 | 6 | | 34000E+1 | 704. | 72. | | 18.0 | 5.0 | 0.8 |
| 06 | 10 | 76 | 0900 | | | .3 | | 18782 | 6 | | 11400. | 404. | 248. | | 15.0 | 7.0 | 1.8 |
| 08 | 11 | 76 | 0900 | | | .3 | | 18783 | 6 | | 400. | 44. | 44. | | 3.0 | 7.0 | 1.2 |
| 29 | 11 | 76 | 1200 | | | .3 | | 18788 | 6 | | | | | | 2.5 | 8.0 | 2.0 |
| | | | | | | | | MAXIMUM | | | 34000E+1 | 704. | 248. | | 21.5 | 11.0 | 2.2 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 1503.* | 26.* D | 15.* | | 11.4 | 6.7 | 1.3 |
| | | | | | | | | MINIMUM | | | 50. | 1. | 1. | | 1.0 | 4.0 | 0.6 |
| | | | | | | | | NO OF SAMPLES | | | 11 | 8 | 11 | | 10 | 10 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 01 | 76 | 1245 | | | .3 | | 0.021 | 0.004 | 0.050 | 0.770 | 0.006 | 0.140 | 191.0 | 2.0 | | 189 |
| 02 | 02 | 76 | 1430 | | | .3 | | 0.031 | 0.003 | 0.060 | 0.880 | 0.012 | 0.410 | | 3.5 | | |
| 01 | 03 | 76 | 1145 | | | .3 | | 0.030 | 0.001 | 0.042 | 0.590 | 0.008 | 0.412 | 168.0 | 5.3 | | 163 |
| 05 | 04 | 76 | 1150 | | | .3 | | 0.019 | 0.002 | 0.002L | 0.400 | 0.005 | 0.180 | | | | |
| 03 | 05 | 76 | 0830 | | | .3 | | 0.027 | 0.002 | 0.002L | 0.660 | 0.013 | 0.037 | | | | |
| 01 | 06 | 76 | 0830 | | | .3 | | 0.024 | 0.006 | 0.040 | 0.720 | 0.004 | 0.011 | 134.0 | 3.8 | | |
| 05 | 07 | 76 | 0830 | | | .3 | | 0.037 | 0.012 | 0.012 | 0.690 | 0.005 | 0.035 | 162.0 | 5.5 | | 146 |
| 03 | 08 | 76 | 0900 | | | .3 | | 0.061 | 0.011 | 0.002 | 0.680 | 0.002 | 0.008 | 116.0 | 2.3 | | |
| 31 | 08 | 76 | 0900 | | | .3 | | 0.038 | 0.013 | 0.024 | 0.600 | 0.002 | 0.005L | 105.0 | 4.1 | | 101 |
| 06 | 10 | 76 | 0900 | | | .3 | | 0.028 | 0.009 | 0.002 | 0.700 | 0.002 | 0.005L | 122.0 | 5.3 | | 117 |
| 08 | 11 | 76 | 0900 | | | .3 | | 0.018 | 0.002 | 0.008 | 0.460 | 0.003 | 0.082 | 175.0 | 3.1 | | 172 |
| 29 | 11 | 76 | 1200 | | | .3 | | 0.024 | 0.006 | 0.006 | 0.500 | 0.005 | 0.205 | 220.0 | 15.0 | | 205 |
| | | | | | | | | MAXIMUM | 0.064 | 0.013 | 0.060 | 0.013 | 0.492 | 220.0 | 15.0 | | 205 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.030 | 0.006 | 0.021D | 0.006 | 0.134D | 154.8 | 5.0 | | 156 |
| | | | | | | | | MINIMUM | 0.018 | 0.001 | 0.002 | 0.002 | 0.005 | 105.0 | 2.0 | | 101 |
| | | | | | | | | NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 9 | 10 | | 7 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 | 01 | 76 | 1245 | | | .3 | | 290 | 1.50 | 6.7 | | | | | | | |
| 02 | 02 | 76 | 1430 | | | .3 | | | | 5.9 | | | | | | | |
| 01 | 03 | 76 | 1145 | | | .3 | | 250 | 2.60 | 4.5 | | | | | | | |
| 05 | 04 | 76 | 1150 | | | .3 | | | | 3.2 | | | | | | | |
| 03 | 05 | 76 | 0830 | | | .3 | | | | 5.7 | | | | | | | |
| 01 | 06 | 76 | 0830 | | | .3 | | 200 | 1.30 | 4.3 | | | | | | | |
| 05 | 07 | 76 | 0830 | | | .3 | | 223 | 3.00 | 5.0 | 9.0 | 2.25 | | | 8.09 | | 0.300 |
| 03 | 08 | 76 | 0900 | | | .3 | | 175 | 2.30 | 3.9 | | | | | | | |
| 31 | 08 | 76 | 0900 | | | .3 | | 155 | 4.60 | 3.3 | 9.0 | 0.90 | | | 7.58 | | 0.210 |
| 06 | 10 | 76 | 0900 | | | .3 | | 180 | 2.60 | 5.0 | 11.5 | 0.80 | | | 7.33 | | 0.320 |
| 08 | 11 | 76 | 0900 | | | .3 | | 265 | 2.00 | 8.3 | 20.0 | 1.35 | | | 7.92 | | 0.200 |
| 29 | 11 | 76 | 1200 | | | .3 | | 315 | 4.80 | 8.1 | 22.5 | 1.75 | | | 7.88 | | 0.150 |
| | | | | | | | | MAXIMUM | 315 | 4.80 | 8.3 | 22.5 | 2.25 | | 8.09 | | 0.320 |
| | | | | | | | | AVG OR GEOM MN (*) | 228 | 2.74 | 5.3 | 14.4 | 1.41 | | 7.76 | | 0.236 |
| | | | | | | | | MINIMUM | 155 | 1.30 | 3.2 | 9.0 | 0.80 | | 7.33 | | 0.150 |
| | | | | | | | | NO OF SAMPLES | 9 | 9 | 12 | 5 | 5 | | 5 | | 5 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 05 | 01 | 76 | 1245 | | .3 | | | | | | | | | | | |
| 02 | 02 | 76 | 1430 | | .3 | | | | | | | | | | | |
| 01 | 03 | 76 | 1145 | | .3 | | | | | | | | | | | |
| 05 | 04 | 76 | 1150 | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 0830 | | .3 | | | | | | | | | | | |
| 01 | 06 | 76 | 0830 | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 0830 | | .3 | | 1.0L | | | | | | | 13 | 43 | |
| 03 | 08 | 76 | 0900 | | .3 | | 1.0L | | | | | | | | | |
| 31 | 08 | 76 | 0900 | | .3 | | 1.0 | | | | | | | 11 | 10L | 0 |
| 06 | 10 | 76 | 0900 | | .3 | | 1.0 | | | | | | | 11 | 32 | |
| 08 | 11 | 76 | 0900 | | .3 | | 1.0L | | | | | | | 11 | 46 | |
| 29 | 11 | 76 | 1200 | | .3 | | 1.0L | | | | | | | 12 | 45 | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|------|--|--|--|--|--|--|----|-----|---|
| MAXIMUM | | | | | | | 1.0 | | | | | | | 13 | 46 | 0 |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | | | | | | | 12 | 35D | 0 |
| MINIMUM | | | | | | | 1.0 | | | | | | | 11 | 10 | 0 |
| NO OF SAMPLES | | | | | | | 6 | | | | | | | 5 | 5 | 1 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 31 | 08 | 76 | 0900 | | .3 | | 0.001 | 0.040L | | 0.010L | 0.010L | 0.010L | 0.010L | 0.010L | | 0.010L |
| MAXIMUM | | | | | | | 0.001 | 0.040 | | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.001 | 0.040D | | 0.010D | 0.010D | 0.010D | 0.010D | 0.010D | | 0.010D |
| MINIMUM | | | | | | | 0.001 | 0.040 | | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | 0.010 |
| NO OF SAMPLES | | | | | | | 1 | 1 | | 1 | 1 | 1 | 1 | 1 | | 1 |

B.O.W. / SITE: WILTON CREEK
SAMPLE POINT: AT COUNTY ROAD NO 8.1 MILE WEST OF CHAMBERS
STATION TYPE: RIVER FLOW GAUGE FED 02HMO04

STATION ID: 17-0037-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WILTON CREEK

STORET CODE: 02
004
0690

| STN NO | 1 | LAT | LONG | U.T.M. 18 0348500.0 4896500.0 4 | REGION 04 | MILEAGE | 2.00 | | | | | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1100 | | | .3 | | 19504 | 4 6 8 | 11.40 | 60. | 10. | 100. L | | 0.0 | 9.0 | 0.8 |
| 02 | 02 | 76 | 1000 | | | .3 | | 19521 | 4 6 8 | 47.00 | 900. | 100. | 100. | | 0.0 | 8.0 | 2.0 |
| 01 | 03 | 76 | 0950 | | | .3 | | 19538 | 4 6 8 | 329.00 | 320. | 30. | 300. | | 0.0 | 14.0 | 1.0 |
| 22 | 03 | 76 | 1035 | | | .3 | | 17163 | 9 | 800.00 | 210. | 10. | 120. | | 0.0 | 13.0 | 1.2 |
| 05 | 04 | 76 | 0915 | | | .3 | | 19555 | 6 8 | 132.00 | 400. | 10. | 10. | | 5.0 | 18.0 | 0.6 |
| 03 | 05 | 76 | 0930 | | | .3 | | 19572 | 6 8 | 33.20 | 200. | 8. | 52. | | 10.0 | 12.0 | 1.2 |
| 08 | 06 | 76 | 0920 | | | .3 | | 19589 | 6 8 | 12.60 | 2200. | 1880. | 84. | | 23.0 | 6.0 | 1.2 |
| 29 | 06 | 76 | 1230 | | | .3 | | 17290 | 5 9 | 12.80 | | | | | 21.9 | 5.2 | 0.6 |
| 12 | 07 | 76 | 0930 | | | .3 | | 19606 | 6 8 | 5.40 | 100. | | 100. | | 20.0 | 10.0 | 1.0 |
| 03 | 08 | 76 | 0920 | | | .3 | | 19623 | 6 8 | 7.20 | 2600. | | 96. | | 19.0 | 10.0 | 1.2 |
| 31 | 08 | 76 | 0950 | | | .3 | | 19640 | 6 8 | 0.49 | 320. | 116. | 366. | | 15.0 | 11.0 | 1.4 |
| 08 | 09 | 76 | 1230 | | | .3 | | 17377 | 5 8 | 0.69 | 300. | 44. | 1. | | 21.0 | 11.0 | 1.6 |
| 05 | 10 | 76 | 0910 | | | .3 | | 19657 | 6 8 | 1.10 | 220. | 112. | 12. | | 12.0 | 14.0 | 2.2 |
| 02 | 11 | 76 | 0930 | | | .3 | | 19674 | 6 8 | 11.50 | 900. | 840. | 84. | | 1.0 | 14.0 | 1.5 |
| 06 | 12 | 76 | 1025 | | | .3 | | 19691 | 4 6 8 | 14.00 | 640. | 150. | 60. | | 0.0 | 6.0 | 2.5 |
| 08 | 12 | 76 | 1500 | | | .3 | | 17510 | 4 | 15.20 | 600. | 132. | 72. | | 4.0 | 12.2 | 1.0 |
| MAXIMUM | | | | | | | | | | 800.00 | 2600. | 1880. | 366. | | 23.0 | 18.0 | 2.5 |
| AVG OR GEOM MN (*) | | | | | | | | | | 89.60 | 403.* | 66.* | 57.* D | | 9.5 | 11.0 | 1.3 |
| MINIMUM | | | | | | | | | | 0.49 | 60. | 8. | 1. | | 0.0 | 5.2 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 16 | 15 | 13 | 15 | | 16 | 16 | 16 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1100 | | .3 | | 0.042 | 0.011 | 0.010 | 0.490 | 0.014 | 1.100 | 389.0 | 8.0 | | |
| 02 | 02 | 76 | 1000 | | .3 | | 0.190 | 0.029 | 0.090 | 1.100 | 0.012 | 1.700 | 381.0 | 65.0 | | |
| 01 | 03 | 76 | 0950 | | .3 | | 0.062 | 0.022 | 0.038 | 0.470 | 0.012 | 1.110 | 200.0 | 8.2 | | 192 |
| 22 | 03 | 76 | 1035 | | .3 | | 0.081 | 0.044 | 0.136 | 0.560 | 0.013 | 0.732 | 153.0 | 20.0 | | 133 |
| 05 | 04 | 76 | 0915 | | .3 | | 0.035 | 0.006 | 0.004 | 0.260 | 0.005 | 0.425 | 236.0 | 12.0 | | |
| 03 | 05 | 76 | 0930 | | .3 | | 0.058 | 0.010 | 0.002 | 0.560 | 0.002 | 0.005L | 320.0 | 20.0 | | |
| 08 | 06 | 76 | 0920 | | .3 | | | | | | | | 296.0 | 15.0 | 281 | |
| 29 | 06 | 76 | 1230 | | .3 | | 0.070 | 0.014 | 0.028 | 0.840 | 0.010 | 0.005 | 376.0 | 16.0 | 360 | |
| 12 | 07 | 76 | 0930 | | .3 | | 0.058 | 0.009 | 0.006 | 0.500 | 0.001 | 0.005L | 376.0 | 18.0 | | |
| 03 | 08 | 76 | 0920 | | .3 | | | | | | | | 355.0 | 15.0 | 340 | |
| 31 | 08 | 76 | 0950 | | .3 | | 0.048 | 0.003 | 0.018 | 0.770 | 0.002 | 0.008 | 359.0 | 8.8 | | |
| 08 | 09 | 76 | 1230 | | .3 | | 1.910 | 1.900 | 0.012 | 0.800 | 0.001 | 0.005L | 363.0 | 3.0 | | |
| 05 | 10 | 76 | 0910 | | .3 | | 0.051 | 0.004 | 0.002L | 0.690 | 0.002 | 0.005L | 376.0 | 10.0 | | |
| 02 | 11 | 76 | 0930 | | .3 | | 0.027 | 0.003 | 0.002 | 0.510 | 0.002 | 0.008 | 362.0 | 7.1 | | |
| 06 | 12 | 76 | 1025 | | .3 | | 0.083 | 0.010 | 0.024 | 0.590 | 0.004 | 0.471 | 356.0 | 10.0 | | |
| 08 | 12 | 76 | 1500 | | .3 | | 0.031 | 0.014 | 0.012 | 0.380 | 0.005 | 0.515 | 380.0 | 11.0 | 369 | |
| MAXIMUM | | | | | | | 1.910 | 1.900 | 0.136 | 1.100 | 0.014 | 1.700 | 389.0 | 65.0 | 369 | 192 |
| AVG OR GEOM MN (*) | | | | | | | 0.196 | 0.149 | 0.027D | 0.609 | 0.006 | 0.435D | 329.9 | 15.4 | 338 | 163 |
| MINIMUM | | | | | | | 0.027 | 0.003 | 0.002 | 0.260 | 0.001 | 0.005 | 153.0 | 3.0 | 281 | 133 |
| NO OF SAMPLES | | | | | | | 14 | 14 | 14 | 14 | 14 | 14 | 16 | 16 | 4 | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1100 | | | .3 | | 620 | 4.00 | 35.0 | | | | | | | |
| 02 | 02 | 76 | 1000 | | | .3 | | 500 | 40.00 | 21.5 | | | | | | | |
| 01 | 03 | 76 | 0950 | | | .3 | | 295 | 6.30 | 9.3 | | | | | | | |
| 22 | 03 | 76 | 1035 | | | .3 | | 200 | 18.00 | 6.5 | 8.5 | 1.65 | | | 7.80 | 1.40 | |
| 05 | 04 | 76 | 0915 | | | .3 | | 345 | 8.50 | 12. | 12.0 | 1.30 | | | | 0.25 | |
| 03 | 05 | 76 | 0930 | | | .3 | | 460 | 9.80 | 24. | 21.0 | 0.15 | | | | | 0.800 |
| 08 | 06 | 76 | 0920 | | | .3 | | 427 | 8.70 | | | | | | | | |
| 29 | 06 | 76 | 1230 | | | .3 | | 520 | 9.00 | 43.5 | 17.5 | 1.60 | | | 8.06 | | 0.660 |
| 12 | 07 | 76 | 0930 | | | .3 | | 520 | 15.00 | 42.0 | | | | | | | |
| 03 | 08 | 76 | 0920 | | | .3 | | 530 | 8.50 | | | | | | | | |
| 31 | 08 | 76 | 0950 | | | .3 | | 570 | 5.20 | 83.0 | | | | | | | |
| 08 | 09 | 76 | 1230 | | | .3 | | 560 | 4.00 | 73.0 | | | | | | | |
| 05 | 10 | 76 | 0910 | | | .3 | | 620 | 7.00 | 77.5 | | | | | | | |
| 02 | 11 | 76 | 0930 | | | .3 | | 600 | 5.40 | 40.5 | | | | | | | |
| 06 | 12 | 76 | 1025 | | | .3 | | 590 | 4.00 | 32.0 | | | | | | | |
| 08 | 12 | 76 | 1500 | | | .3 | | 590 | 6.20 | 31.0 | 35.5 | 2.75 | | | 7.92 | | 0.290 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

620 40.00 83.0 35.5 2.75 8.06 1.40 0.800
498 9.98 37.9 18.9 1.49 7.93 0.83 0.583
200 4.00 6.5 8.5 0.15 7.80 0.25 0.290

NO OF SAMPLES

16 16 14 5 5 3 2 3

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 12 | 01 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 02 | 02 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 01 | 03 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 22 | 03 | 76 | 1035 | | | .3 | | 5.0 | | | | | | | 4 | 22 | 1 |
| 05 | 04 | 76 | 0915 | | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 08 | 06 | 76 | 0920 | | | .3 | | | | | | | | | | | |
| 29 | 06 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | 13 | 24 | |
| 12 | 07 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 03 | 08 | 76 | 0920 | | | .3 | | | | | | | | | | | |
| 31 | 08 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 08 | 09 | 76 | 1230 | | | .3 | | | | | | | | | | | |
| 05 | 10 | 76 | 0910 | | | .3 | | | | | | | | | | | |
| 02 | 11 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 06 | 12 | 76 | 1025 | | | .3 | | | | | | | | | | | |
| 08 | 12 | 76 | 1500 | | | .3 | | 1.0L | | | | | | | 5 | 35 | 3 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

5.0 2.30 1.0 13 35 3
7 27 2
4 22 1

NO OF SAMPLES

3 3 3 2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 22 | 03 | 76 | 1035 | | | .3 | | 0.001L | 0.03 L | | 0.02 L | 0.02 L | 0.01 L | 0.01 L | 0.01 L | | 0.01 L |
| 29 | 06 | 76 | 1230 | | | .3 | | 0.001L | 0.060L | | 0.010L | 0.010 | 0.010L | 0.010L | 0.010L | | 0.010 |
| 08 | 12 | 76 | 1500 | | | .3 | | 0.001L | | | 0.020L | 0.090 | 0.010L | 0.005L | 0.010L | | 0.010L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.001 0.060 0.02 0.090 0.01 0.01 0.01 0.01
0.001D 0.045D 0.017D 0.040D 0.010D 0.008D 0.010D 0.010D
0.001 0.03 0.010 0.010 0.01 0.005 0.01 0.01

NO OF SAMPLES

3 2 3 3 3 3 3 3

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT OKA FERRY, OKA
STATION TYPE: RIVER

STATION ID: 18-C000-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 20 LAT LONG U.T.M. 18 0570060.0 5030350.0 4 REGION 04 MILEAGE 39.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 05 | 76 | 1450 | | | .3 | | 17208 | 4 5 | | 300. | 100. L | 100. L | | 11.0 | 10.4 | 0.8 |
| 14 | 06 | 76 | 1325 | | | .3 | | 17254 | 5 | | 10000E+1 | 4. | 1. | | 21.0 | 6.7 | 0.4 |
| 19 | 07 | 76 | 1415 | | | .3 | | 17333 | 5 | | 5000. | 16. | 16. | | 23.3 | 8.0 | 0.6 |
| 09 | 08 | 76 | 1345 | | | .3 | | 17340 | 5 | | 3000. | 1. | 20. | | 19.9 | 7.4 | 0.6 |
| 13 | 09 | 76 | 1415 | | | .3 | | 17386 | 5 | | 200. | 44. | 1. | | 19.0 | 7.9 | 0.4 |
| 25 | 10 | 76 | 1430 | | | .3 | | 17434 | | | 3400. | 210. | 160. | | 3.8 | | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

10000E+1 210. 160.
2596.* 21.* D 13.* D
200. 1. 1.

NO OF SAMPLES

6 5 6 6 5 6

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 05 | 76 | 1450 | | | .3 | | 0.018 | 0.004 | 0.054 | 0.330 | 0.005 | 0.175 | 56.0 | 3.9 | | 52 |
| 14 | 06 | 76 | 1325 | | | .3 | | 0.032 | 0.013 | 0.058 | 0.330 | 0.004 | 0.096 | 61.0 | 6.2 | | |
| 19 | 07 | 76 | 1415 | | | .3 | | 0.066 | 0.025 | 0.040 | 0.400 | 0.005 | 0.035 | 72.0 | 7.1 | | |
| 09 | 08 | 76 | 1345 | | | .3 | | 0.046 | 0.022 | 0.082 | 0.420 | 0.009 | 0.071 | 43.0 | 3.8 | | |
| 13 | 09 | 76 | 1415 | | | .3 | | 0.020 | 0.014 | 0.042 | 0.240 | 0.005 | 0.115 | 52.0 | 2.6 | | |
| 25 | 10 | 76 | 1430 | | | .3 | | 0.058 | 0.013 | 0.056 | 0.420 | 0.006 | 0.169 | 88.0 | 13.0 | | |

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|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|------|------|----|
| | | | | | | | | MAXIMUM | 0.066 | 0.025 | 0.082 | 0.420 | 0.009 | 0.175 | 88.0 | 13.0 | 52 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.040 | 0.015 | 0.055 | 0.357 | 0.006 | 0.110 | 62.0 | 6.1 | 52 |
| | | | | | | | | MINIMUM | 0.018 | 0.004 | 0.040 | 0.240 | 0.004 | 0.035 | 43.0 | 2.6 | 52 |
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 05 | 76 | 1450 | | | .3 | | 80 | 3.50 | 2.8 | | | | | | | |
| 14 | 06 | 76 | 1325 | | | .3 | | 86 | 5.30 | 3.0 | | | | | | | |
| 19 | 07 | 76 | 1415 | | | .3 | | 102 | 7.40 | 5.2 | | | | | | | |
| 09 | 08 | 76 | 1345 | | | .3 | | 60 | 3.20 | 2.9 | | | | | | | |
| 13 | 09 | 76 | 1415 | | | .3 | | 76 | 3.00 | 2.6 | | | | | | | |
| 25 | 10 | 76 | 1430 | | | .3 | | 115 | 18.00 | 5.0 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|-------|-----|--|--|--|--|--|--|
| | | | | | | | | MAXIMUM | 115 | 18.00 | 5.2 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 87 | 6.73 | 3.6 | | | | | | |
| | | | | | | | | MINIMUM | 60 | 3.00 | 2.6 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 6 | 6 | 6 | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CARILLON DAM POINTE FORTUNE
STATION TYPE: RIVER

STATION ID: 18-0000-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 41 LAT LONG U.T.M. 18 0548150.0 5046150.0 4 REGION 04 MILEAGE 56.80

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 18 | 05 | 76 | 1555 | | | .3 | | 17209 | 9 5 | | 700. | 100. L | 100. L | | 10.6 | 10.6 | 0.8 |
| 14 | 06 | 76 | 1540 | | | .3 | | 17255 | 5 9 | | | 1. | 1. | | 21.6 | 7.2 | 0.4 |
| 19 | 07 | 76 | 1500 | | | .3 | | 17299 | 9 5 | | 60. | | | | 24.0 | 8.3 | 0.6 |
| 09 | 08 | 76 | 1435 | | | .3 | | 17341 | 5 | | 100. | 1. | 1. | | 21.0 | 5.7 | 0.6 |
| 13 | 09 | 76 | 1520 | | | .3 | | 17387 | 5 | | 200. | 8. | 4. | | 20.0 | 7.7 | 0.6 |
| 25 | 10 | 76 | 1520 | | | .3 | | 17435 | | | 800. | 20. | 4. | | 4.0 | | 1.5 |
| 22 | 11 | 76 | 1435 | | | .3 | | 17474 | | | 430. | 62. | 2. | | 2.0 | 12.4 | 1.0 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--|-------|--------|-------|--|------|------|-----|
| | | | | | | | | MAXIMUM | | | 800. | 100. | 100. | | 24.0 | 12.4 | 1.5 |
| | | | | | | | | AVG OR GEOM MN (*) | | | 257.* | 10.* D | 3.* D | | 14.7 | 8.7 | 0.8 |
| | | | | | | | | MINIMUM | | | 60. | 1. | 1. | | 2.0 | 5.7 | 0.4 |
| | | | | | | | | NO OF SAMPLES | | | 6 | 6 | 7 | | 7 | 6 | 7 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 18 | 05 | 76 | 1555 | | | .3 | | 0.023 | 0.006 | 0.060 | 0.370 | 0.005 | 0.170 | 52.0 | 2.8 | | 49 |
| 14 | 06 | 76 | 1540 | | | .3 | | 0.030 | 0.006 | 0.086 | 0.440 | 0.003 | 0.087 | 54.0 | 2.3 | | |
| 19 | 07 | 76 | 1500 | | | .3 | | 0.032 | 0.003 | 0.018 | 0.380 | 0.004 | 0.046 | 55.0 | 2.7 | | |
| 09 | 08 | 76 | 1435 | | | .3 | | 0.042 | 0.016 | 0.086 | 0.440 | 0.004 | 0.056 | 54.0 | 4.6 | | |
| 13 | 09 | 76 | 1520 | | | .3 | | 0.017 | 0.007 | 0.046 | 0.270 | 0.003 | 0.102 | 51.0 | 2.3 | | |
| 25 | 10 | 76 | 1520 | | | .3 | | 0.023 | 0.005 | 0.038 | 0.370 | 0.005 | 0.149 | 65.0 | 3.1 | | |
| 22 | 11 | 76 | 1435 | | | .3 | | 0.070 | 0.003 | 0.048 | 2.150 | 0.004 | 0.201 | 71.0 | 6.3 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|-------|------|-----|----|
| | | | | | | | | MAXIMUM | 0.070 | 0.016 | 0.086 | 2.150 | 0.005 | 0.201 | 71.0 | 6.3 | 49 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.034 | 0.007 | 0.055 | 0.631 | 0.004 | 0.116 | 57.4 | 3.4 | 49 |
| | | | | | | | | MINIMUM | 0.017 | 0.003 | 0.018 | 0.270 | 0.003 | 0.046 | 51.0 | 2.3 | 49 |
| | | | | | | | | NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 1 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 18 | 05 | 76 | 1555 | | | .3 | | 75 | 2.50 | 2.5 | | | | | | | |
| 14 | 06 | 76 | 1540 | | | .3 | | 78 | 1.90 | 2.6 | | | | | | | |
| 19 | 07 | 76 | 1500 | | | .3 | | 81 | 3.50 | 2.7 | | | | | | | |
| 09 | 08 | 76 | 1435 | | | .3 | | 74 | 2.80 | 2.4 | | | | | | | |
| 13 | 09 | 76 | 1520 | | | .3 | | 74 | 1.60 | 2.3 | | | | | | | |
| 25 | 10 | 76 | 1520 | | | .3 | | 95 | 4.5 | 3.2 | | | | | | | |
| 22 | 11 | 76 | 1435 | | | .3 | | 102 | 3.60 | 3.8 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|------|-----|--|--|--|--|--|--|
| | | | | | | | | MAXIMUM | 102 | 4.5 | 3.8 | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 83 | 2.91 | 2.8 | | | | | | |
| | | | | | | | | MINIMUM | 74 | 1.60 | 2.3 | | | | | | |
| | | | | | | | | NO OF SAMPLES | 7 | 7 | 7 | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: CHANNEL 1 AND 2 HAWKESBURY
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-051-82

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

| STN NO | 51 | LAT | LONG | U.T.M. 18 0530775.0 5050925.0 4 | REGION 04 | MILEAGE | 68.00 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 02 76 1300 | | | .3 | | 17081 | 4 | | 316. | 60. | 8. | | | | 1.4 |
| 18 05 76 1655 | | | .3 | | 17211 | 4 5 | | 300. | 1200. | 100. | L | 10.0 | 11.4 | 1.2 |
| 14 06 76 1620 | | | .3 | | 17257 | 5 | | 370. | 10. | L | | 19.9 | 7.0 | 0.4 |
| 19 07 76 1545 | | | .3 | | 17301 | 5 | | 470. | | 4. | | 22.5 | 7.4 | 0.6 |
| 09 08 76 1515 | | | .3 | | 17343 | 5 | | 1500. | 1. | 1. | | 20.2 | 6.3 | 0.6 |
| 13 09 76 1645 | | | .3 | | 17389 | 5 | | 400. | 16. | 1. | | 19.0 | 7.2 | 0.4 |
| 25 10 76 1620 | | | .3 | | 17437 | | | 1000. | 24. | 36. | | 4.0 | | 1.2 |
| 22 11 76 1515 | | | .3 | | 17475 | | | 5000. | 260. | 42. | | | | 1.8 |
| MAXIMUM | | | | | | | | 5000. | 1200. | 100. | | 22.5 | 11.4 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 687.* | 36.* D | 7.* D | | 15.9 | 7.9 | 1.0 |
| MINIMUM | | | | | | | | 300. | 1. | 1. | | 4.0 | 6.3 | 0.4 |
| NO OF SAMPLES | | | | | | | | 8 | 7 | 8 | | 6 | 5 | 8 |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 02 76 1300 | | | .3 | | 0.037 | 0.009 | 0.114 | 0.500 | 0.004 | 0.250 | 55.0 | 1.8 | | |
| 18 05 76 1655 | | | .3 | | 0.022 | 0.002 | 0.072 | 0.450 | 0.005 | 0.165 | 61.0 | 5.9 | | |
| 14 06 76 1620 | | | .3 | | 0.028 | 0.005 | 0.074 | 0.420 | 0.003 | 0.087 | 57.0 | 4.7 | | |
| 19 07 76 1545 | | | .3 | | 0.032 | 0.007 | 0.042 | 0.380 | 0.004 | 0.056 | 56.0 | 3.7 | | |
| 09 08 76 1515 | | | .3 | | 0.051 | 0.033 | 0.068 | 0.400 | 0.004 | 0.056 | 54.0 | 5.0 | | |
| 13 09 76 1645 | | | .3 | | 0.022 | 0.006 | 0.040 | 0.350 | 0.003 | 0.087 | 58.0 | 3.2 | | |
| 25 10 76 1620 | | | .3 | | 0.038 | 0.009 | 0.018 | 0.370 | 0.005 | 0.175 | 73. | 4.7 | | |
| 22 11 76 1515 | | | .3 | | 0.032 | 0.003 | 0.052 | 0.420 | 0.004 | 0.206 | 74.0 | 5.5 | | |
| MAXIMUM | | | | | 0.051 | 0.033 | 0.114 | 0.500 | 0.005 | 0.250 | 74.0 | 5.9 | | |
| AVG OR GEOM MN (*) | | | | | 0.033 | 0.009 | 0.060 | 0.411 | 0.004 | 0.135 | 61.0 | 4.3 | | |
| MINIMUM | | | | | 0.022 | 0.002 | 0.018 | 0.350 | 0.003 | 0.056 | 54.0 | 1.8 | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 16 02 76 1300 | | | .3 | | 85 | 2.50 | 3.4 | | | | | | | |
| 18 05 76 1655 | | | .3 | | 85 | 4.50 | 3.2 | | | | | | | |
| 14 06 76 1620 | | | .3 | | 81 | 2.90 | 2.5 | | | | | | | |
| 19 07 76 1545 | | | .3 | | 82 | 4.00 | 2.8 | | | | | | | |
| 09 08 76 1515 | | | .3 | | 76 | 4.00 | 2.5 | | | | | | | |
| 13 09 76 1645 | | | .3 | | 155 | 2.60 | 2.6 | | | | | | | |
| 25 10 76 1620 | | | .3 | | 6 | 106. | 3.6 | | | | | | | |
| 22 11 76 1515 | | | .3 | | 106 | 4.60 | 4.1 | | | | | | | |
| MAXIMUM | | | | | 155 | 106. | 4.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 84 | 16.39 | 3.1 | | | | | | | |
| MINIMUM | | | | | 6 | 2.50 | 2.5 | | | | | | | |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-078-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

| STN NO | 78 | LAT | LONG | U.T.M. 18 0531225.0 5051500.0 4 | | | | REGION 04 | MILEAGE | 68.00 | | | | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 16 02 76 | 1325 | | .3 | | 17082 | 4 | | 2200. | 192. | 12. | | | | 2.6 |
| 18 05 76 | 1625 | | .3 | | 17210 | 5 | | 900. | 100. | L | 100. | 10.0 | 11.0 | 0.8 |
| 14 06 76 | 1600 | | .3 | | 17256 | 5 | | 300. | 1 | 1. | | 19.6 | 7.3 | 0.4 |
| 19 07 76 | 1520 | | .3 | | 17300 | 5 | | 13700. | | 1. | | 22.0 | 7.4 | 0.8 |
| 09 08 76 | 1500 | | .3 | | 17342 | 5 | | 110. | 1. | 1. | | 20.1 | 6.5 | 0.4 |
| 13 09 76 | 1640 | | .3 | | 17388 | 5 | | 900. | 72. | 1. | | 18.5 | 6.9 | 0.4 |
| 25 10 76 | 1545 | | .3 | | 17436 | | | 800. | 20. | 10. | | 5.3 | | 1.9 |
| 22 11 76 | 1525 | | .3 | | 17476 | | | 1200. | 196. | 40. | | 1.2 | 12.0 | 1.0 |
| MAXIMUM | | | | | | | | 13700. | 196. | 100. | | 22.0 | 12.0 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | | 968.* | 25.* D | 5.* D | | 13.8 | 8.5 | 1.0 |
| MINIMUM | | | | | | | | 110. | 1. | 1. | | 1.2 | 6.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | 8 | 7 | 8 | | 7 | 6 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1325 | | | .3 | | 0.032 | 0.002 | 0.334 | 0.820 | 0.005 | 0.215 | 59.0 | 3.1 | | |
| 18 | 05 | 76 | 1625 | | | .3 | | 0.027 | 0.011 | 0.032 | 0.350 | 0.005 | 0.165 | 52.0 | 6.3 | | 46 |
| 14 | 06 | 76 | 1600 | | | .3 | | 0.022 | 0.006 | 0.034 | 0.340 | 0.003 | 0.092 | 72.0 | 13.0 | | |
| 19 | 07 | 76 | 1520 | | | .3 | | 0.034 | 0.006 | 0.034 | 0.320 | 0.004 | 0.051 | 56.0 | 4.2 | | |
| 09 | 08 | 76 | 1500 | | | .3 | | 0.027 | 0.009 | 0.040 | 0.340 | 0.003 | 0.057 | 50.0 | 3.8 | | |
| 13 | 09 | 76 | 1640 | | | .3 | | 0.019 | 0.005 | 0.058 | 0.300 | 0.003 | 0.117 | 63.0 | 3.8 | | |
| 25 | 10 | 76 | 1545 | | | .3 | | 0.037 | 0.004 | 0.080 | 0.470 | 0.005 | 0.155 | 74.0 | 6.1 | | |
| 22 | 11 | 76 | 1525 | | | .3 | | 0.031 | 0.004 | 0.006 | 0.380 | 0.003 | 0.202 | 67.0 | 5.0 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|------|------|--|----|
| MAXIMUM | | | | | | | | 0.037 | 0.011 | 0.334 | 0.820 | 0.005 | 0.215 | 74.0 | 13.0 | | 46 |
| AVG OR GEOM MN (*) | | | | | | | | 0.029 | 0.006 | 0.077 | 0.415 | 0.004 | 0.132 | 61.6 | 5.7 | | 46 |
| MINIMUM | | | | | | | | 0.019 | 0.002 | 0.006 | 0.300 | 0.003 | 0.051 | 50.0 | 3.1 | | 46 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | 1 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1325 | | | .3 | | 90 | 2.30 | 4.1 | | | | | | | |
| 18 | 05 | 76 | 1625 | | | .3 | | 70 | 3.50 | 2.5 | | | | | | | |
| 14 | 06 | 76 | 1600 | | | .3 | | 92 | 4.40 | 2.5 | | | | | | | |
| 19 | 07 | 76 | 1520 | | | .3 | | 79 | 3.70 | 2.7 | | | | | | | |
| 09 | 08 | 76 | 1500 | | | .3 | | 69 | 2.90 | 2.3 | | | | | | | |
| 13 | 09 | 76 | 1640 | | | .3 | | 90 | 4.00 | 2.4 | | | | | | | |
| 25 | 10 | 76 | 1545 | | | .3 | | 6 | 104.00 | 3.3 | | | | | | | |
| 22 | 11 | 76 | 1525 | | | .3 | | 96 | 3.60 | 3.5 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|--------|-----|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 96 | 104.00 | 4.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 74 | 16.05 | 2.9 | | | | | | | |
| MINIMUM | | | | | | | | 6 | 2.30 | 2.3 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|--|--|--|--|--|--|--|
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|--|--|--|--|--|--|--|

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: ALEXANDRA BRIDGE, OTTAWA
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-120-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

| | | | | | | | | | | | | |
|--------|-----|-----|------|--------|----|-----------|-----------|---|--------|----|---------|--------|
| STN NO | 120 | LAT | LONG | U.T.M. | 18 | 0444850.0 | 5030750.0 | 4 | REGION | 04 | MILEAGE | 128.90 |
|--------|-----|-----|------|--------|----|-----------|-----------|---|--------|----|---------|--------|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 05 | 76 | 1315 | | | .3 | | 17218 | 5 | 9 | 8400. | 16. | 48. | | 9.6 | 11.7 | 1.0 |
| 15 | 06 | 76 | 1100 | | | .3 | | 17264 | 5 | 9 | 8000. | | 12. | | 20.5 | 10.0 | 0.2 |
| 19 | 07 | 76 | 1945 | | | .3 | | 17308 | 5 | | 11000. | 1. | 8. | | | | 0.8 |
| 09 | 08 | 76 | 1850 | | | .3 | | 17350 | 5 | | 10000. | 1. | 8. | | 19.9 | 7.4 | 0.6 |
| 14 | 09 | 76 | 1430 | | | .3 | | 17396 | 5 | 9 | 130. | 120. | 8. | | 19.3 | 6.9 | 0.6 |
| 26 | 10 | 76 | 1350 | | | .3 | | 17444 | | | 3100. | 54. | 36. | | 3.0 | | 0.6 |
| 23 | 11 | 76 | 1335 | | | .3 | | 17483 | | | 3100. | 152. | 40. | | 1.5 | 13.6 | 1.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--------|------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 11000. | 152. | 48. | | 20.5 | 13.6 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 3685.* | 16.* | 17.* | | 12.3 | 9.9 | 0.8 |
| MINIMUM | | | | | | | | | | | 130. | 1. | 8. | | 1.5 | 6.9 | 0.2 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|--|---|---|---|--|---|---|---|
| NO OF SAMPLES | | | | | | | | | | | 7 | 6 | 7 | | 6 | 5 | 7 |
|---------------|--|--|--|--|--|--|--|--|--|--|---|---|---|--|---|---|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 19 | 05 | 76 | 1315 | | | .3 | | 0.020 | 0.003 | 0.040 | 0.340 | 0.009 | 0.156 | | 4.7 | | 156 |
| 15 | 06 | 76 | 1100 | | | .3 | | 0.020 | 0.009 | 0.014 | 0.250 | 0.004 | 0.101 | 52.0 | 3.4 | | |
| 19 | 07 | 76 | 1945 | | | .3 | | 0.030 | 0.005 | 0.002 | 0.380 | 0.003 | 0.072 | 56.0 | 4.1 | | |
| 09 | 08 | 76 | 1850 | | | .3 | | 0.035 | 0.030 | 0.016 | 0.280 | 0.004 | 0.156 | 52.0 | 2.8 | | |
| 14 | 09 | 76 | 1430 | | | .3 | | 0.016 | 0.004 | 0.006 | 0.290 | 0.003 | 0.162 | 59.0 | 3.6 | | |
| 26 | 10 | 76 | 1350 | | | .3 | | 0.014 | 0.006 | 0.010 | 0.270 | 0.003 | 0.262 | 67.0 | 5.0 | | |
| 23 | 11 | 76 | 1335 | | | .3 | | 0.016 | 0.005 | 0.008 | 0.270 | 0.003 | 0.302 | 62.0 | 2.9 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|------|-----|--|-----|
| MAXIMUM | | | | | | | | 0.035 | 0.030 | 0.040 | 0.380 | 0.009 | 0.302 | 67.0 | 5.0 | | 156 |
| AVG OR GEOM MN (*) | | | | | | | | 0.022 | 0.009 | 0.014 | 0.297 | 0.004 | 0.173 | 58.0 | 3.8 | | 156 |
| MINIMUM | | | | | | | | 0.014 | 0.003 | 0.002 | 0.250 | 0.003 | 0.072 | 52.0 | 2.8 | | 156 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | | 1 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 05 | 76 | 1315 | | | .3 | | 240 | 3.80 | 2.0 | 9.5 | 1.90 | 2.0 | 19 | 7.66 | | 0.320 |
| 15 | 06 | 76 | 1100 | | | .3 | | 75 | 3.20 | 2.1 | 10.5 | 1.85 | 2.0 | 21 | 7.68 | | 0.350 |
| 19 | 07 | 76 | 1945 | | | .3 | | 8 | 4.20 | 2.1 | 9.5 | 1.90 | 4.1 | 24 | 7.66 | | 0.600 |
| 09 | 08 | 76 | 1850 | | | .3 | | 74 | 4.50 | 2.3 | 10.5 | 1.70 | 15.0 | 20 | 7.64 | | 0.340 |
| 14 | 09 | 76 | 1430 | | | .3 | | 86 | 3.00 | 2.2 | 10.0 | 1.50 | 1.0 | 22 | 8.33 | | 0.240 |
| 26 | 10 | 76 | 1350 | | | .3 | | 96 | 3.20 | 2.6 | 10.5 | 1.45 | 1.2 | 25 | 7.68 | | 0.260 |
| 23 | 11 | 76 | 1335 | | | .3 | | 90 | 3.20 | 2.7 | 11.0 | 1.65 | 2.6 | 26 | 7.60 | | 0.280 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|-----|------|------|------|----|------|--|-------|
| MAXIMUM | | | | | | | | 240 | 4.50 | 2.7 | 11.0 | 1.90 | 15.0 | 26 | 8.33 | | 0.600 |
| AVG OR GEOM MN (*) | | | | | | | | 96 | 3.59 | 2.3 | 10.2 | 1.71 | 4.0 | 22 | 7.75 | | 0.341 |
| MINIMUM | | | | | | | | 8 | 3.00 | 2.0 | 9.5 | 1.45 | 1.0 | 19 | 7.60 | | 0.240 |

| | | | | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | | 7 |
|---------------|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|--|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|--------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 19 05 76 1315 | | | .3 | | 1.0L | 29.0 | 7.70 | 2.28 | 20 | 0.92 | 1.80 | | 32 | |
| 15 06 76 1100 | | | .3 | | 1.0L | 30.0 | 8.50 | 2.20 | 15 | 0.75 | 2.20 | | 22 | |
| 19 07 76 1945 | | | .3 | | 1.0 | 32.0 | 8.70 | 2.30 | 30 | 0.85 | 2.00 | | 20 | |
| 09 08 76 1850 | | | .3 | | 1.0L | 30.0 | 8.40 | 2.30 | 30 | 0.80 | 2.10 | | 20 | |
| 14 09 76 1430 | | | .3 | | 1.0L | 30.0 | 8.00 | 2.50 | 30 | 0.85 | 2.50 | | 23 | |
| 26 10 76 1350 | | | .3 | | 1.0L | 33.0 | 9.50 | 2.30 | 30 | 0.95 | 2.80 | | 30 | |
| 23 11 76 1335 | | | .3 | | 1.0L | 34.0 | 9.40 | 2.50 | 40 | 0.90 | 2.80 | | 28 | |

| | | | | | | | | |
|--------------------|------|------|------|------|----|------|------|----|
| MAXIMUM | 1.0 | 34.0 | 9.50 | 2.50 | 40 | 0.95 | 2.80 | 32 |
| AVG OR GEOM MN (*) | 1.00 | 31.1 | 8.60 | 2.34 | 28 | 0.86 | 2.31 | 25 |
| MINIMUM | 1.0 | 29.0 | 7.70 | 2.20 | 15 | 0.75 | 1.80 | 20 |

| | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|
| NO OF SAMPLES | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
|---------------|---|---|---|---|---|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 05 76 1315 | | | .3 | | | | 0.230 | | | | | | 0.036 | |
| 15 06 76 1100 | | | .3 | | | | 0.230 | | 0.020 | | | 0.020 | 0.040 | 0.010L |
| 19 07 76 1945 | | | .3 | | | | 0.260 | | 0.020 | | | 0.010L | 0.026 | 0.010L |
| 09 08 76 1850 | | | .3 | | | | 0.220 | | 0.010L | | | 0.010 | 0.026 | 0.010L |
| 14 09 76 1430 | | | .3 | | | | 0.270 | | 0.010L | | | 0.010L | 0.015 | 0.010 |
| 26 10 76 1350 | | | .3 | | | | | | | | | | 0.024 | |
| 23 11 76 1335 | | | .3 | | | | 0.480 | | 0.020L | | | 0.010L | 0.022 | 0.020L |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|-------|--|--------|--|--|--------|-------|--------|
| MAXIMUM | | | | | | | 0.480 | | 0.020 | | | 0.020 | 0.040 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.282 | | 0.016D | | | 0.012D | 0.027 | 0.012D |
| MINIMUM | | | | | | | 0.220 | | 0.010 | | | 0.010 | 0.015 | 0.010 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|---|--|---|--|--|---|---|---|
| NO OF SAMPLES | | | | | | | 6 | | 5 | | | 5 | 7 | 5 |
|---------------|--|--|--|--|--|--|---|--|---|--|--|---|---|---|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 60 | 272 | 217 | 451 | 452 | 453 | 454 | 455 | 456 | 934 |
|---------------|------|-----|-------|----|----------|---------|--------|----------|----------|----------|----------|----------|---------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | FLUORIDE | SIMPLE | TOTAL | RADIUM | GROSS"A" | GROSS"A" | GROSS"B" | GROSS"B" | URANIUM | SAMPLE |
| | FEET | | MTRS | | MG/L | CYANIDE | COBALT | 226 DISS | DISS | UNDISS | DISS | UNDISS | 238 | NO |
| | | | | | | MG/L | MG/L | PC/L | PC/L | PC/L | PC/L | PC/L | UG/L | |
| 19 05 76 1315 | | | .3 | | 0.1 | | | | | | | | | 17218 |
| 15 06 76 1100 | | | .3 | | 0.1 | | | | | | | | | 17264 |
| 19 07 76 1945 | | | .3 | | 0.1 | | | | | | | | | 17308 |
| 09 08 76 1850 | | | .3 | | 0.1 | | | | | | | | | 17350 |
| 14 09 76 1430 | | | .3 | | 0.1 | | | | | | | | | 17395 |
| 26 10 76 1350 | | | .3 | | 0.1L | | | | | | | | | 17444 |
| 23 11 76 1335 | | | .3 | | 0.1 | | | | | | | | | 17483 |

| | |
|--------------------|------|
| MAXIMUM | 0.1 |
| AVG OR GEOM MN (*) | 0.1D |
| MINIMUM | 0.1 |

| | |
|---------------|---|
| NO OF SAMPLES | 7 |
|---------------|---|

B.O.W. / SITE: OTTAWA RIVER
SAMPLE POINT: BRITANNIA WATERWORKS
STATION TYPE: RIVER FLOW GAUGE FED 02KF005

STATION ID: 18-0000-150-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

| | | | | | | | | | | |
|--------|-----|-----|------|-----------|-----------|-----------|---|-----------|---------|--------|
| STN NO | 150 | LAT | LONG | U.T.M. 18 | 0437900.0 | 5024650.0 | 4 | REGION 04 | MILEAGE | 133.80 |
|--------|-----|-----|------|-----------|-----------|-----------|---|-----------|---------|--------|

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOC |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 04 02 76 1100 | | | .3 | | 17001 | | | 800. | 100. | 200. | | 14.0 | 14.0 | 0.4 |
| 24 03 76 1020 | | | .3 | | 17005 | | | 4. | 0. | 0. | | 14.0 | 12.0 | 0.7 |
| 29 04 76 1145 | | | .3 | | 17009 | 3 | | 4. | 10. | 10. | | 13.0 | 19.0 | 0.8 |
| 19 05 76 1400 | | | .3 | | 17219 | | | 10. | 1. | 4. | | | | 0.6 |
| 15 06 76 1010 | | | .3 | | 17265 | | | | | 1. | | | | 4.0 |
| 20 07 76 0945 | | | .3 | | 17309 | | | 100. | 1. | 1. | | | | 0.4 |
| 10 08 76 1130 | | | .3 | | 17351 | | | 10. | 1. | 1. | | | | 0.6 |
| 14 09 76 1545 | | | .3 | | 17397 | | | 310. | 1. | 1. | | | | 0.2 |
| 26 10 76 1545 | | | .3 | | 17445 | | | 30. | 1. | 1. | | 0.0 | | 0.5 |
| 23 11 76 1520 | | | .3 | | 17484 | | | 90. | 6. | 4. | | | | 0.8 |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|-------|-------|--|------|------|-----|
| MAXIMUM | | | | | | | | 800. | 100. | 200. | | 14.0 | 19.0 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | 36.* D | 3.* D | 3.* D | | 10.3 | 15.0 | 0.9 |
| MINIMUM | | | | | | | | 4. | 0. | 0. | | 0.0 | 12.0 | 0.2 |

| | | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|---|---|----|--|---|---|----|
| NO OF SAMPLES | | | | | | | | 9 | 9 | 10 | | 4 | 3 | 10 |
|---------------|--|--|--|--|--|--|--|---|---|----|--|---|---|----|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1100 | | | .3 | | 0.018 | 0.011 | 0.130 | 0.460 | 0.005 | 0.320 | 54.0 | 1.5 | | 52 |
| 24 | 03 | 76 | 1020 | | | .3 | | 0.026 | 0.024 | 0.100L | 0.100 | 0.080 | 0.800 | 60.0 | 15.0L | | |
| 29 | 04 | 76 | 1145 | | | .3 | | 0.058 | 0.006 | 0.020 | 0.200 | 0.004 | 0.160 | 50.0 | 15.0L | | |
| 19 | 05 | 76 | 1400 | | | .3 | | 0.018 | 0.006 | 0.004 | 0.290 | 0.009 | 0.216 | | 0.9 | | 189 |
| 15 | 06 | 76 | 1010 | | | .3 | | 0.330 | 0.010 | 0.016 | 1.620 | 0.003 | 0.207 | 260.0 | 198.0 | | |
| 20 | 07 | 76 | 0945 | | | .3 | | 0.019 | 0.007 | 0.002 | 0.250 | 0.001 | 0.129 | 57.0 | 2.1 | | |
| 10 | 08 | 76 | 1130 | | | .3 | | 0.039 | 0.016 | 0.002L | 0.320 | 0.002 | 0.188 | 55.0 | 6.2 | | |
| 14 | 09 | 76 | 1545 | | | .3 | | 0.009 | 0.005 | 0.002 | 0.260 | 0.002 | 0.173 | 56.0 | 1.4 | | |
| 26 | 10 | 76 | 1545 | | | .3 | | 0.016 | 0.005 | 0.004 | 0.260 | 0.004 | 0.261 | 66.0 | 7.4 | | |
| 23 | 11 | 76 | 1520 | | | .3 | | 0.021 | 0.007 | 0.028 | 0.320 | 0.004 | 0.316 | 75.0 | 3.2 | | |
| MAXIMUM | | | | | | | | 0.330 | 0.024 | 0.130 | 1.620 | 0.080 | 0.800 | 260.0 | 198.0 | | 189 |
| AVG OR GEOM MN (*) | | | | | | | | 0.055 | 0.010 | 0.031D | 0.408 | 0.011 | 0.277 | 81.4 | 25.1D | | 121 |
| MINIMUM | | | | | | | | 0.009 | 0.005 | 0.002 | 0.100 | 0.001 | 0.129 | 50.0 | 0.9 | | 52 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | | 2 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1100 | | | .3 | | 80 | 2.10 | 2.0 | | | 3.8 | 20 | 7.30 | 0.26 | |
| 24 | 03 | 76 | 1020 | | | .3 | | 94 | 5.40 | 5.0 | | | | 24 | 7.10 | 0.30 | |
| 29 | 04 | 76 | 1145 | | | .3 | | 81 | 5.40 | 7.0 | | | 0.0 | 20 | 7.00 | | 0.300 |
| 19 | 05 | 76 | 1400 | | | .3 | | 290 | 3.00 | 5.6 | 11.0 | 1.85 | 3.1 | 22 | 7.40 | | 0.250 |
| 15 | 06 | 76 | 1010 | | | .3 | | 96 | 73.00 | 4.4 | 12.5 | 1.80 | 4.5 | 34 | 7.20 | | 8.400 |
| 20 | 07 | 76 | 0945 | | | .3 | | 83 | 3.60 | 2.7 | 11.0 | 1.75 | 4.6 | 26 | 7.26 | | 0.340 |
| 10 | 08 | 76 | 1130 | | | .3 | | 74 | 4.50 | 2.3 | 11.0 | 1.70 | 16.0 | 20 | 7.57 | | 0.380 |
| 14 | 09 | 76 | 1545 | | | .3 | | 85 | 2.00 | 2.7 | 10.0 | 1.35 | 1.3 | 23 | 7.93 | | 0.190 |
| 26 | 10 | 76 | 1545 | | | .3 | | 90 | 3.40 | 2.4 | 10.5 | 1.40 | 1.5 | 24 | 7.77 | | 0.280 |
| 23 | 11 | 76 | 1520 | | | .3 | | 108 | 3.50 | 4.3 | 12.0 | 1.60 | 3.6 | 30 | 7.60 | | 0.540 |
| MAXIMUM | | | | | | | | 290 | 73.00 | 7.0 | 12.5 | 1.85 | 16.0 | 34 | 7.93 | 0.30 | 8.400 |
| AVG OR GEOM MN (*) | | | | | | | | 108 | 10.59 | 3.8 | 11.1 | 1.64 | 4.3 | 24 | 7.41 | 0.28 | 1.335 |
| MINIMUM | | | | | | | | 74 | 2.00 | 2.0 | 10.0 | 1.35 | 0.0 | 20 | 7.00 | 0.26 | 0.190 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 7 | 7 | 9 | 10 | 10 | 2 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|------|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 04 | 02 | 76 | 1100 | | | .3 | | | 30.0 | | | 40 | | | | | |
| 24 | 03 | 76 | 1020 | | | .3 | | | 34.0 | | | 30 | | | | | |
| 29 | 04 | 76 | 1145 | | | .3 | | | 30.0 | | | 20 | | | | | |
| 19 | 05 | 76 | 1400 | | | .3 | 1.0L | | 33.0 | 9.10 | 2.47 | 20 | 0.93 | 3.50 | | 32 | |
| 15 | 06 | 76 | 1010 | | | .3 | 1.0L | | 34.0 | 9.60 | 2.60 | | 1.20 | 3.90 | | 61 | |
| 20 | 07 | 76 | 0945 | | | .3 | | | 33.0 | 9.20 | 2.35 | 30 | 0.90 | 2.50 | | 20 | |
| 10 | 08 | 76 | 1130 | | | .3 | 1.0L | | 30.0 | 8.20 | 2.20 | 30 | 0.85 | 2.10 | | 20 | |
| 14 | 09 | 76 | 1545 | | | .3 | 2.0 | | 30.0 | 8.00 | 2.50 | 30 | 0.90 | 2.70 | | 10 | |
| 26 | 10 | 76 | 1545 | | | .3 | 1.0L | | 33.0 | 9.50 | 2.30 | 30 | 0.95 | 2.60 | | 28 | |
| 23 | 11 | 76 | 1520 | | | .3 | 1.0L | | 40.0 | 10.80 | 3.20 | 40 | 1.05 | 3.60 | | 25 | |
| MAXIMUM | | | | | | | | 2.0 | 40.0 | 10.80 | 3.20 | 40 | 1.20 | 3.90 | | 61 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.2D | 32.7 | 9.20 | 2.52 | 30 | 0.97 | 2.99 | | 28 | |
| MINIMUM | | | | | | | | 1.0 | 30.0 | 8.00 | 2.20 | 20 | 0.85 | 2.10 | | 10 | |
| NO OF SAMPLES | | | | | | | | 6 | 10 | 7 | 7 | 9 | 7 | 7 | | 7 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 05 | 76 | 1400 | | | .3 | | | | 0.150 | | | | | | 0.022 | |
| 15 | 06 | 76 | 1010 | | | .3 | | | | 0.320 | | 0.310 | | | 0.130 | 0.740 | 0.020 |
| 20 | 07 | 76 | 0945 | | | .3 | | | | 0.260 | | 0.100 | | | 0.040 | 0.028 | 0.010L |
| 10 | 08 | 76 | 1130 | | | .3 | | | | 0.220 | | 0.090 | | | 0.010L | 0.030 | 0.010L |
| 14 | 09 | 76 | 1545 | | | .3 | | | | 0.160 | | 0.140 | | | 0.010L | 0.010 | 0.010L |
| 26 | 10 | 76 | 1545 | | | .3 | | | | | | | | | | 0.024 | |
| 23 | 11 | 76 | 1520 | | | .3 | | | | 0.320 | | 0.040 | | | 0.080 | 0.026 | 0.020L |
| MAXIMUM | | | | | | | | | | 0.320 | | 0.310 | | | 0.130 | 0.740 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.238 | | 0.136 | | | 0.054D | 0.126 | 0.014D |
| MINIMUM | | | | | | | | | | 0.150 | | 0.040 | | | 0.010 | 0.010 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | 6 | | 5 | | | 5 | 7 | 5 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 19 | 05 | 76 | 1400 | | | .3 | | 0.1 | | | | | | | | | 17219 |
| 15 | 06 | 76 | 1010 | | | .3 | | 0.1 | | | | | | | | | 17265 |
| 20 | 07 | 76 | 0945 | | | .3 | | 0.1 | | | | | | | | | 17309 |
| 10 | 08 | 76 | 1130 | | | .3 | | 0.1 | | | | | | | | | 17351 |
| 14 | 09 | 76 | 1545 | | | .3 | | 0.1 | | | | | | | | | 17397 |
| 26 | 10 | 76 | 1545 | | | .3 | | 0.1L | | | | | | | | | 17445 |
| 23 | 11 | 76 | 1520 | | | .3 | | 0.1 | | | | | | | | | 17484 |
| MAXIMUM | | | | | | | | 0.1 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.1D | | | | | | | | | |
| MINIMUM | | | | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | | | | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
 SAMPLE POINT: AT CHATS FALLS, FITZROY HARBOUR
 STATION TYPE: RIVER FLOW GAUGE FED 02&F009

STATION ID: 18-0000-170-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
 006

| STN NO | 170 | LAT | LONG | U.T.M. | 18 0403150.0 5036250.0 4 | REGION 04 | MILEAGE | 163.60 | | | | | | |
|--------------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BCD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 09 02 76 1140 | | | .3 | | 18110 | 4 | 32800.00 | 1700. | 180. | 10. | | 0.0 | 9.0 | |
| 10 03 76 1145 | | | .3 | | 18133 | 4 | 32800.00 | 1420. | 428. | 32. | | 0.0 | 11.0 | 0.4 |
| 06 04 76 1115 | | | .3 | | 18156 | 3 9 | 135000.0 | 80. | 1. | 28. | | | | |
| 03 05 76 1030 | | | .3 | | 18179 | 9 5 | 97400.00 | 900. | 28. | 96. | | 11.0 | 11.0 | 1.6 |
| 07 06 76 1135 | | | .3 | | 18202 | | 50600.00 | 100. | 40. | 1. | | 21.0 | 9.0 | |
| 05 07 76 1105 | | | .3 | | 18225 | | 33500.00 | 500. | 1. | 160. | | 23.0 | 9.0 | 1.0 |
| 09 08 76 1120 | | | .3 | | 18248 | | 24500.00 | 6400. | 1. | 1. | | 21.0 | 8.0 | |
| 14 09 76 1030 | | | .3 | | 18271 | | 17300.00 | 100. | 1. | 1. | | 18.0 | 7.0 | 0.8 |
| 18 10 76 1035 | | | .3 | | 18294 | | 18900.00 | 1800. | 2. | 1. | | 7.0 | 5.0 | |
| 08 11 76 1130 | | | .3 | | 18317 | | 21500.00 | 570. | 4. | 12. | | 3.0 | 11.0 | 1.1 |
| 06 12 76 1125 | | | .3 | | 18340 | 4 | 23300.00 | 460. | 112. | 4. | | 0.0 | 7.0 | |
| MAXIMUM | | | | | | | 135000.0 | 6400. | 428. | 160. | | 23.0 | 11.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | 44327.27 | 583.* | 10.* | 8.* | | 10.4 | 8.7 | 1.0 |
| MINIMUM | | | | | | | 17300.00 | 80. | 1. | 1. | | 0.0 | 5.0 | 0.4 |
| NO OF SAMPLES | | | | | | | 11 | 11 | 11 | 11 | | 10 | 10 | 5 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 09 02 76 1140 | | | .3 | | | | | | | | | | | |
| 10 03 76 1145 | | | .3 | | 0.074 | 0.029 | 0.370 | 1.120 | 0.019 | 1.180 | | | | |
| 06 04 76 1115 | | | .3 | | | | | | | | | | | |
| 03 05 76 1030 | | | .3 | | 0.042 | 0.003 | 0.006 | 0.460 | 0.005 | 0.105 | | | | |
| 07 06 76 1135 | | | .3 | | | | | | | | | | | |
| 05 07 76 1105 | | | .3 | | 0.028 | 0.002 | 0.046 | 0.540 | 0.003 | 0.035 | | | | |
| 09 08 76 1120 | | | .3 | | | | | | | | | | | |
| 14 09 76 1030 | | | .3 | | 0.015 | 0.003 | 0.017 | 0.480 | 0.003 | 0.057 | | | | |
| 18 10 76 1035 | | | .3 | | | | | | | | | | | |
| 08 11 76 1130 | | | .3 | | 0.041 | 0.007 | 0.006 | 0.380 | 0.004 | 0.196 | | | | |
| 06 12 76 1125 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 0.074 | 0.029 | 0.370 | 1.120 | 0.019 | 1.180 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.040 | 0.009 | 0.089 | 0.596 | 0.007 | 0.315 | | | | |
| MINIMUM | | | | | 0.015 | 0.002 | 0.006 | 0.380 | 0.003 | 0.035 | | | | |
| NO OF SAMPLES | | | | | 5 | 5 | 5 | 5 | 5 | 5 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 10 03 76 1145 | | | .3 | | 550 | 3.70 | 2.8 | | | | | | | |
| 03 05 76 1030 | | | .3 | | 120 | 9.30 | 3.1 | | | | | | | |
| 05 07 76 1105 | | | .3 | | 113 | 2.70 | 2.9 | | | | | | | |
| 14 09 76 1030 | | | .3 | | 106 | 2.00 | 2.6 | | | | | | | |
| 08 11 76 1130 | | | .3 | | 140 | 17.00 | 5.7 | | | | | | | |
| MAXIMUM | | | | | 550 | 17.00 | 5.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 206 | 6.94 | 3.4 | | | | | | | |
| MINIMUM | | | | | 106 | 2.00 | 2.6 | | | | | | | |
| NO OF SAMPLES | | | | | 5 | 5 | 5 | | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
 SAMPLE POINT: AT CHENAUX DAM, PORTAGE-DU-FORT
 STATION TYPE: RIVER

STATION ID: 18-0000-240-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
 006

| STN NO | | 240 | LAT | | LONG | | U.T.M. 18 0369400.0 5049999.0 4 | | | | REGION 04 | | MILEAGE 188.60 | | |
|--------------------|----|------|------|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|----------------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 800 |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 | 02 | 76 | 1230 | | .3 | 17026 | 6 | | 44. | 4. | 1. | | 1.0 | 9.0 | 1.2 |
| 30 | 03 | 76 | 1225 | | .3 | 17030 | 6 | | 1000. | 1. | 20. | | 2.0 | | 0.2 |
| 29 | 04 | 76 | 1400 | | .3 | 17034 | 6 | | | | | | 8.0 | 14.0 | 1.0 |
| 20 | 05 | 76 | 1030 | | .3 | 17222 | 5 | | 160. | 16. | 1. | | 9.0 | 10.4 | 0.8 |
| 16 | 06 | 76 | 1130 | | .3 | 17268 | 5 | | 40. | | 8. | | 18.5 | 9.4 | 0.4 |
| 20 | 07 | 76 | 1200 | | .3 | 17312 | 5 | | 30. | 1. | 1. | | 21.0 | 8.6 | 0.6 |
| 11 | 08 | 76 | 1045 | | .3 | 17354 | 5 | | 30. | 1. | 8. | | 21.0 | 8.0 | 0.4 |
| 15 | 09 | 76 | 1005 | | .3 | 17400 | 5 | | 1500. | 8. | 1. | | 18.8 | 9.7 | 0.4 |
| 27 | 10 | 76 | 0940 | | .3 | 17448 | | | 70. | 1. | 6. | | 4.0 | | 0.5 |
| 24 | 11 | 76 | 1000 | | .3 | 17486 | | | 610. | 14. | 2. | | 2.8 | 11.4 | 2.0 |
| MAXIMUM | | | | | | | | | 1500. | 16. | 20. | | 21.0 | 14.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | | 136.* | 3.* | 3.* | | 10.6 | 10.1 | 0.8 |
| MINIMUM | | | | | | | | | 30. | 1. | 1. | | 1.0 | 8.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | 9 | 8 | 9 | | 10 | 8 | 10 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 02 | 76 | 1230 | | .3 | | 0.011 | 0.005 | 0.142 | 0.490 | 0.007 | 0.258 | | | | |
| 30 | 03 | 76 | 1225 | | .3 | | 0.032 | 0.006 | 0.118 | 0.400 | 0.007 | 0.248 | | | | |
| 29 | 04 | 76 | 1400 | | .3 | | 0.025 | 0.002 | 0.048 | 0.340 | 0.004 | 0.166 | | | | |
| 20 | 05 | 76 | 1030 | | .3 | | 0.027 | 0.011 | 0.070 | 0.340 | 0.009 | 0.151 | | | | |
| 16 | 06 | 76 | 1130 | | .3 | | 0.033 | 0.005 | 0.058 | 0.270 | 0.001 | 0.005L | | | | |
| 20 | 07 | 76 | 1200 | | .3 | | 0.013 | 0.003 | 0.016 | 0.300 | 0.003 | 0.137 | | | | |
| 11 | 08 | 76 | 1045 | | .3 | | 0.021 | 0.016 | 0.012 | 0.400 | 0.004 | 0.176 | | | | |
| 15 | 09 | 76 | 1005 | | .3 | | 0.009 | 0.003 | 0.014 | 0.250 | 0.003 | 0.227 | | | | |
| 27 | 10 | 76 | 0940 | | .3 | | 0.011 | 0.003 | 0.002L | 0.260 | 0.004 | 0.301 | | | | |
| 24 | 11 | 76 | 1000 | | .3 | | 0.012 | 0.004 | 0.002 | 0.190 | 0.002 | 0.318 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|
| MAXIMUM | 0.033 | 0.016 | 0.142 | 0.490 | 0.009 | 0.318 |
| AVG OR GEOM MN (*) | 0.019 | 0.006 | 0.048D | 0.324 | 0.004 | 0.204D |
| MINIMUM | 0.009 | 0.002 | 0.002 | 0.190 | 0.001 | 0.005 |
| NO OF SAMPLES | 10 | 10 | 10 | 10 | 10 | 10 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 02 | 76 | 1230 | | .3 | | 70 | 3.90 | 1.7 | | | | | | | |
| 30 | 03 | 76 | 1225 | | .3 | | 75 | 5.90 | 1.9 | | | | | | | |
| 29 | 04 | 76 | 1400 | | .3 | | 65 | 2.80 | 1.2 | | | | | | | |
| 20 | 05 | 76 | 1030 | | .3 | | 55 | 3.00 | 1.3 | | | | | | | |
| 16 | 06 | 76 | 1130 | | .3 | | 53 | 2.20 | 1.7 | | | | | | | |
| 20 | 07 | 76 | 1200 | | .3 | | 61 | 2.10 | 1.5 | | | | | | | |
| 11 | 08 | 76 | 1045 | | .3 | | 63 | 1.90 | 1.4 | | | | | | | |
| 15 | 09 | 76 | 1005 | | .3 | | 70 | 1.60 | 1.4 | | | | | | | |
| 27 | 10 | 76 | 0940 | | .3 | | 68 | 2.20 | 1.9 | | | | | | | |
| 24 | 11 | 76 | 1000 | | .3 | | 70 | 2.20 | 1.1 | | | | | | | |

| | | | |
|--------------------|----|------|-----|
| MAXIMUM | 75 | 5.90 | 1.9 |
| AVG OR GEOM MN (*) | 65 | 2.78 | 1.5 |
| MINIMUM | 53 | 1.60 | 1.1 |
| NO OF SAMPLES | 10 | 10 | 10 |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT DES JOACHIMS DAM
STATION TYPE: RIVER FLOW GAUGE FED 02KA002

STATION ID: 18-0000-300-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

| STN NO | | 300 | LAT | | LONG | | U.T.M. 18 0291800.0 5117700.0 4 | | | | REGION 04 | | MILEAGE | | 202.00 | |
|----------|----|------|------|-----|-------|----|---------------------------------|-----|----------|----------|-----------|----------|----------|-------|--------|-------|
| SAMP DTE | | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR | | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 29 | 01 | 76 | 1030 | | .3 | | 17052 | 6 | 27900.00 | 10. L | 10. L | 10. L | | 0.0 | 10.2 | 1.6 |
| 24 | 02 | 76 | 1400 | | .3 | | 17055 | 5 | 23600.00 | 10. L | 10. L | 10. L | | 0.0 | 10.5 | 1.0 |
| 29 | 03 | 76 | 1145 | | .3 | | 17058 | 5 | 37600.00 | 10. L | 10. L | 10. L | | 1.0 | 9.5 | 1.6 |
| 27 | 04 | 76 | 1030 | | .3 | | 17061 | 6 | 71400.00 | 1. L | 1. L | 1. L | | | | 1.2 |
| 31 | 05 | 76 | 1300 | | .3 | | 17064 | 6 | 44100.00 | 32. L | 1. L | 1. L | | | | 0.6 |
| 27 | 07 | 76 | 1030 | | .3 | | 17067 | | 23200.00 | 1. L | 1. L | 1. L | | 19.5 | 6.8 | 0.8 |
| 27 | 09 | 76 | 1130 | | .3 | | 17070 | 6 | 17100.00 | 4. L | 1. L | 1. L | | 16.5 | 4.9 | 0.6 |
| 09 | 12 | 76 | 1200 | | .3 | | 17073 | 5 | 25900.00 | | | | | | | 1.0 |

| | | | | | | | | |
|--------------------|--|----------|--------|--------|--------|------|------|-----|
| MAXIMUM | | 71400.00 | 32. L | 10. L | 10. L | 19.5 | 10.5 | 1.6 |
| AVG OR GEOM MN (*) | | 33850.00 | 5. * D | 3. * D | 3. * D | 7.4 | 8.4 | 1.1 |
| MINIMUM | | 17100.00 | 1. L | 1. L | 1. L | 0.0 | 4.9 | 0.6 |
| NO OF SAMPLES | | 8 | 7 | 7 | 7 | 5 | 5 | 8 |

| SAMP DY | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1030 | | .3 | | 0.015 | 0.003 | 0.110 | 0.450 | 0.004 | 0.220 | | | | |
| 24 | 02 | 76 | 1400 | | .3 | | 0.024 | 0.002 | 0.132 | 0.490 | 0.005 | 0.185 | | | | |
| 29 | 03 | 76 | 1145 | | .3 | | 0.044 | 0.002 | 0.168 | 0.760 | 0.006 | 0.019 | | | | |
| 27 | 04 | 76 | 1030 | | .3 | | 0.013 | 0.002 | 0.080 | 0.390 | 0.004 | 0.166 | | | | |
| 31 | 05 | 76 | 1300 | | .3 | | 0.006 | 0.002 | 0.030 | 0.310 | 0.003 | 0.187 | | | | |
| 27 | 07 | 76 | 1030 | | .3 | | 0.012 | 0.001L | 0.114 | 0.460 | 0.004 | 0.010 | | | | |
| 27 | 09 | 76 | 1130 | | .3 | | 0.012 | 0.003 | 0.062 | 0.320 | 0.003 | 0.337 | | | | |
| 09 | 12 | 76 | 1200 | | .3 | | 0.013 | 0.004 | 0.248 | 0.500 | 0.016 | 0.099 | | | | |

| | | | | | | |
|--------------------|-------|--------|-------|-------|-------|-------|
| MAXIMUM | 0.044 | 0.004 | 0.248 | 0.760 | 0.016 | 0.337 |
| AVG OR GEOM MN (*) | 0.017 | 0.002D | 0.118 | 0.460 | 0.006 | 0.153 |
| MINIMUM | 0.006 | 0.001 | 0.030 | 0.310 | 0.003 | 0.010 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1030 | | | .3 | | 68 | 4.60 | 1.4 | | | | | | | |
| 24 | 02 | 76 | 1400 | | | .3 | | 750 | 4.10 | 1.3 | | | | | | | |
| 29 | 03 | 76 | 1145 | | | .3 | | 70 | 6.30 | 2.1 | | | | | | | |
| 27 | 04 | 76 | 1030 | | | .3 | | 60 | 3.60 | 1.5 | | | | | | | |
| 31 | 05 | 76 | 1300 | | | .3 | | 55 | 2.60 | 2.1 | | | | | | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 64 | 1.80 | 1.5 | | | | | | | |
| 27 | 09 | 76 | 1130 | | | .3 | | 72 | 1.60 | 1.3 | | | | | | | |
| 09 | 12 | 76 | 1200 | | | .3 | | 70 | 4.30 | 1.5 | | | | | | | |
| MAXIMUM | | | | | | | | 750 | 6.30 | 2.1 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 151 | 3.61 | 1.6 | | | | | | | |
| MINIMUM | | | | | | | | 55 | 1.60 | 1.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT OTTO HOLDEN DAM, 6 MILES NORTH OF MATTAWA
STATION TYPE: RIVER FLOW GAUGE FED 02JEO12

STATION ID: 18-0000-360-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 360 LAT LONG U.T.M. 17 0674750.0 5138400.0 4 REGION 05 MILEAGE 340.90

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 28 | 03 | 76 | 1525 | | | .3 | | 15319 | 6 | 25100.00 | 8. | 1. | 1. | | 2.0 | | 1.4 |
| 25 | 04 | 76 | 1338 | | | .3 | | 15337 | 3 6 | 63800.00 | 10. | 1. | 1. | | 5.0 | | 1.2 |
| 24 | 05 | 76 | 1335 | | | .3 | | 15361 | 3 6 | 59600.00 | 10. L | 1. | 1. | | 8.0 | | 0.6 |
| 23 | 06 | 76 | 1200 | | | .3 | | 15371 | 6 | 21900.00 | 40. | 1. | 1. | | 17.0 | | 0.6 |
| 14 | 07 | 76 | 1200 | | | .3 | | 15392 | | 18100.00 | 50. | 1. | 8. | | | | 0.6 |
| 11 | 08 | 76 | 1410 | | | .3 | | 15413 | 6 | 17500.00 | 48. | 1. | 1. | | 20.0 | | 1.4 |
| 27 | 09 | 76 | 1215 | | | .3 | | 15444 | 6 | 15500.00 | 96. | 1. | 24. | | 10.0 | 5.0 | 1.0 |
| 18 | 10 | 76 | 1515 | | | .3 | | 15465 | 6 | 17600.00 | 124. | 2. | 1. | | 10.0 | 7.0 | 1.0 |
| 17 | 11 | 76 | 1220 | | | .3 | | 15478 | 6 | 18400.00 | 8. | 2. | 1. | | 8.0 | 8.0 | 1.2 |
| 12 | 12 | 76 | 1640 | | | .3 | | 15499 | 6 | 24000.00 | 4. | 2. | L | L | 0.0 | 9.0 | 1.2 |
| MAXIMUM | | | | | | | | | | 63800.00 | 124. | 2. | 24. | | 20.0 | 9.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 28150.00 | 22. * D | 1. * D | 2. * D | | 8.9 | 7.3 | 1.0 |
| MINIMUM | | | | | | | | | | 15500.00 | 4. | 1. | 1. | | 0.0 | 5.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 10 | 10 | 10 | 10 | | 9 | 4 | 10 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 28 | 03 | 76 | 1525 | | | .3 | | 0.013 | 0.002 | 0.198 | 0.490 | 0.003 | 0.152 | | 14. | | |
| 25 | 04 | 76 | 1338 | | | .3 | | 0.026 | 0.003 | 0.144 | 0.500 | 0.007 | 0.099 | 5.6 | 4.1 | | |
| 24 | 05 | 76 | 1335 | | | .3 | | 0.016 | 0.005 | 0.082 | 0.220 | 0.005 | 0.150 | 43.0 | 4.1 | | |
| 23 | 06 | 76 | 1200 | | | .3 | | 0.024 | 0.010 | 0.168 | 0.520 | 0.004 | 0.096 | 46.0 | 4.1 | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 0.012 | 0.002 | 0.178 | 0.460 | 0.004 | 0.091 | 48.0 | 2.2 | | |
| 11 | 08 | 76 | 1410 | | | .3 | | 0.015 | 0.002 | 0.306 | 0.640 | 0.004 | 0.121 | 51.0 | 5.4 | | |
| 27 | 09 | 76 | 1215 | | | .3 | | 0.034 | 0.003 | 0.303 | 0.600 | 0.003 | 0.142 | 69.0 | 25.0 | | |
| 18 | 10 | 76 | 1515 | | | .3 | | 0.012 | 0.004 | 0.284 | 0.510 | 0.005 | 0.155 | 50.0 | 4.0 | | |
| 17 | 11 | 76 | 1220 | | | .3 | | 0.014 | 0.005 | 0.192 | 0.430 | 0.003 | 0.132 | 49.0 | 3.4 | | |
| 12 | 12 | 76 | 1640 | | | .3 | | 0.012 | 0.004 | 0.296 | 0.520 | 0.006 | 0.089 | 48.0 | 2.1 | | |
| MAXIMUM | | | | | | | | 0.034 | 0.010 | 0.306 | 0.640 | 0.007 | 0.155 | 69.0 | 25.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.018 | 0.004 | 0.215 | 0.489 | 0.004 | 0.123 | 45.5 | 7.1 | | |
| MINIMUM | | | | | | | | 0.012 | 0.002 | 0.082 | 0.220 | 0.003 | 0.089 | 5.6 | 2.1 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 28 | 03 | 76 | 1525 | | | .3 | | 60 | 4.20 | 1.3 | | | | | | | |
| 25 | 04 | 76 | 1338 | | | .3 | | 65 | 6. | 1.4 | | | | | | | |
| 24 | 05 | 76 | 1335 | | | .3 | | 60 | 4.00 | 1.4 | | | | | | | |
| 23 | 06 | 76 | 1200 | | | .3 | | 66 | 4.40 | 1.5 | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | | 70 | 2.30 | 1.5 | | | | | | | |
| 11 | 08 | 76 | 1410 | | | .3 | | 68 | 3.40 | 1.5 | | | | | | | |
| 27 | 09 | 76 | 1215 | | | .3 | | 72 | 5.20 | 1.4 | | | | | | | |
| 18 | 10 | 76 | 1515 | | | .3 | | 71 | 3.60 | 1.5 | | | | | | | |
| 17 | 11 | 76 | 1220 | | | .3 | | 72 | 3.20 | 1.4 | | | | | | | |
| 12 | 12 | 76 | 1640 | | | .3 | | 69 | 5.00 | 1.4 | | | | | | | |
| MAXIMUM | | | | | | | | 72 | 6. | 1.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 67 | 4.13 | 1.4 | | | | | | | |
| MINIMUM | | | | | | | | 60 | 2.30 | 1.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | | | | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 05 | 76 | 1335 | | | .3 | 0.002 | | | | | | | | | |
| 23 | 06 | 76 | 1200 | | | .3 | 0.001 | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | | .3 | 0.001L | | | | | | | | | |
| 18 | 10 | 76 | 1515 | | | .3 | 0.002 | | | | | | | | | |
| MAXIMUM | | | | | | | 0.002 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.002D | | | | | | | | | |
| MINIMUM | | | | | | | 0.001 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 4 | | | | | | | | | |

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: DAM AT TEMISCAMING, ONTARIO SIDE
STATION TYPE: RIVER

STATION ID: 18-0000-380-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 380 LAT LONG U.T.M. 17 0645025.0 5174300.0 4 REGION 05 MILEAGE 372.40

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1600 | | | .3 | 16950 | | | | | | | 1.0 | | 0.4 |
| 09 | 02 | 76 | 1500 | | | .3 | 16951 | | | | | | | 1.0 | | 0.4 |
| 05 | 03 | 76 | 0900 | | | .3 | 16952 | | | | | | | 1.0 | | |
| 06 | 04 | 76 | 1000 | | | .3 | 16953 | | | | | | | 1.0 | | 0.2 |
| 04 | 05 | 76 | 1130 | | | .3 | 16954 | | | | | | | 3.0 | | 0.2 |
| 01 | 06 | 76 | 1030 | | | .3 | 16955 | | | | | | | 6.0 | | 0.4 |
| 06 | 07 | 76 | 1000 | | | .3 | 16956 | | | | | | | 19.0 | | 0.4 |
| 03 | 08 | 76 | 1400 | | | .3 | 16957 | | | | | | | 17.0 | | 0.4 |
| 07 | 09 | 76 | 1415 | | | .3 | 16958 | | | | | | | 17.0 | | 0.4 |
| 05 | 10 | 76 | 1030 | | | .3 | 16959 | | | | | | | 14.0 | | 0.4 |
| 01 | 11 | 76 | 1400 | | | .3 | 16960 | | | | | | | 8.0 | | 0.7 |
| 01 | 12 | 76 | 1000 | | | .3 | 16961 | | | | | | | 4.0 | | 0.2 |
| MAXIMUM | | | | | | | | | | | | | | 19.0 | | 0.7 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | 7.7 | | 0.4 |
| MINIMUM | | | | | | | | | | | | | | 1.0 | | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | | | 12 | | 11 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 1600 | | | .3 | 0.015 | 0.006 | 0.010 | 0.260 | 0.003 | 0.220 | 56.0 | 1.0 | | 55 |
| 09 | 02 | 76 | 1500 | | | .3 | 0.016 | 0.007 | 0.012 | 0.290 | 0.004 | 0.181 | 43.0 | 1.5 | | 42 |
| 05 | 03 | 76 | 0900 | | | .3 | 0.017 | 0.004 | 0.006 | 0.240 | 0.002 | 0.173 | | | | |
| 06 | 04 | 76 | 1000 | | | .3 | 0.015 | 0.003 | 0.004 | 0.280 | 0.010 | 0.160 | 40.0 | 1.7 | | 39 |
| 04 | 05 | 76 | 1130 | | | .3 | 0.011 | 0.004 | 0.006 | 0.240 | 0.003 | 0.187 | 46.0 | 4.2 | | 42 |
| 01 | 06 | 76 | 1030 | | | .3 | 0.017 | 0.007 | 0.016 | 0.220 | 0.002 | 0.148 | 44.0 | 1.6 | | |
| 06 | 07 | 76 | 1000 | | | .3 | 0.012 | 0.011 | 0.044 | 0.300 | 0.004 | 0.126 | 49.0 | 3.1 | | |
| 03 | 08 | 76 | 1400 | | | .3 | 0.011 | 0.005 | 0.032 | 0.370 | 0.003 | 0.152 | 49.0 | 2.6 | | |
| 07 | 09 | 76 | 1415 | | | .3 | 0.020 | 0.005 | 0.014 | 0.230 | 0.002 | 0.113 | 76.0 | 3.6 | | |
| 05 | 10 | 76 | 1030 | | | .3 | 0.010 | 0.006 | 0.018 | 0.150 | 0.003 | 0.157 | 48.0 | 1.8 | | |
| 01 | 11 | 76 | 1400 | | | .3 | 0.013 | 0.007 | 0.014 | 0.180 | 0.002 | 0.128 | 43.0 | 1.4 | | |
| 01 | 12 | 76 | 1000 | | | .3 | 0.012 | 0.005 | 0.002L | 0.230 | 0.003 | 0.117 | 47.0 | 1.1 | | |
| MAXIMUM | | | | | | | 0.020 | 0.011 | 0.044 | 0.370 | 0.010 | 0.220 | 76.0 | 4.2 | | 55 |
| AVG OR GEOM MN (*) | | | | | | | 0.014 | 0.006 | 0.015D | 0.249 | 0.003 | 0.155 | 49.2 | 2.1 | | 45 |
| MINIMUM | | | | | | | 0.010 | 0.003 | 0.002 | 0.150 | 0.002 | 0.113 | 40.0 | 1.0 | | 39 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | | 4 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH MTRS | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|---------------------|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 1600 | | | .3 | 86 | 5.00 | 1.1 | | | 2.5 | 19 | 6.6 | | 0.400 |
| 09 | 02 | 76 | 1500 | | | .3 | 63 | 5.50 | 1.1 | | | 2.0 | 20 | 7.7 | | 0.500 |
| 05 | 03 | 76 | 0900 | | | .3 | 66 | 3.00 | 1.9 | | | | 18 | 7.30 | | 0.460 |
| 06 | 04 | 76 | 1000 | | | .3 | 60 | 3.40 | 1.1 | | | 2.8 | 18 | 7.40 | | 0.300 |
| 04 | 05 | 76 | 1130 | | | .3 | 65 | 3.90 | 1.0 | | | 2.9 | 2 | 7.10 | | 0.390 |
| 01 | 06 | 76 | 1030 | | | .3 | 65 | 5.20 | 1.1 | | | 3.3 | 20 | 7.40 | | 0.330 |
| 06 | 07 | 76 | 1000 | | | .3 | 68 | 3.30 | 1.1 | | | 2.6 | 20 | 7.70 | | 0.270 |
| 03 | 08 | 76 | 1400 | | | .3 | 70 | 3.70 | 1.0 | | | 10.0 | 21 | 7.80 | | 0.300 |
| 07 | 09 | 76 | 1415 | | | .3 | 112 | 3.80 | 1.0 | | | 1.5 | 18 | 7.61 | | 0.300 |
| 05 | 10 | 76 | 1030 | | | .3 | 70 | 3.60 | 1.1 | | | 5.8 | 19 | 7.52 | | 0.320 |
| 01 | 11 | 76 | 1400 | | | .3 | 66 | 4.60 | 0.9 | | | 2.0 | 18 | 7.42 | | 0.420 |
| 01 | 12 | 76 | 1000 | | | .3 | 70 | 4.60 | 0.9 | | | 2.0 | 19 | 7.30 | | 0.400 |
| MAXIMUM | | | | | | | 112 | 5.50 | 1.9 | | | 10.0 | 21 | 7.80 | | 0.500 |
| AVG OR GEOM MN (*) | | | | | | | 72 | 4.13 | 1.1 | | | 3.4 | 18 | 7.40 | | 0.366 |
| MINIMUM | | | | | | | 60 | 3.00 | 0.9 | | | 1.5 | 2 | 6.6 | | 0.270 |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | 11 | 12 | 12 | | 12 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 12 | 01 | 76 | 1600 | | | .3 | | 1. L | 28.0 | | | 30 | | | | | |
| 09 | 02 | 76 | 1500 | | | .3 | | 1. L | 28.0 | | | 50 | | | | | |
| 05 | 03 | 76 | 0900 | | | .3 | | 1. L | | | | | | | | | |
| 06 | 04 | 76 | 1000 | | | .3 | | 1. L | 27.0 | | | 30 | | | | | |
| 04 | 05 | 76 | 1130 | | | .3 | | 1. | 23.0 | | | 20 | | | | | |
| 01 | 06 | 76 | 1030 | | | .3 | | | 25.0 | | | 30 | | | | | |
| 06 | 07 | 76 | 1000 | | | .3 | | 2. | 26.0 | | | 30 | | | | | |
| 03 | 08 | 76 | 1400 | | | .3 | | 1. L | 25.0 | | | 30 | | | | | |
| 07 | 09 | 76 | 1415 | | | .3 | | 1.0L | 27.0 | | | 40 | | | | | |
| 05 | 10 | 76 | 1030 | | | .3 | | 1.0 | 26.0 | | | 30 | | | | | |
| 01 | 11 | 76 | 1400 | | | .3 | | 2.0 | 25.0 | | | 40 | | | | | |
| 01 | 12 | 76 | 1000 | | | .3 | | 1.0 | 33.0 | | | 40 | | | | | |

MAXIMUM 2. 33.0 50
 AVG OR GEOM MN (*) 1.20 26.6 34
 MINIMUM 1. 23.0 20
 NO OF SAMPLES 11 11 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 12 | 01 | 76 | 1600 | | | .3 | | 0.002 | | | 0.020L | | 0.010L | | | | |
| 09 | 02 | 76 | 1500 | | | .3 | | 0.001 | | | 0.030 | | 0.010L | | | | |
| 05 | 03 | 76 | 0900 | | | .3 | | 0.001 | | | 0.020L | | 0.010L | | | | |
| 06 | 04 | 76 | 1000 | | | .3 | | 0.001 | | | 0.020L | | 0.010L | | | | |
| 04 | 05 | 76 | 1130 | | | .3 | | 0.002 | | | 0.020L | | 0.010L | | | | |
| 01 | 06 | 76 | 1030 | | | .3 | | 0.001 | | | 0.020L | | 0.010L | | | | |
| 06 | 07 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 03 | 08 | 76 | 1400 | | | .3 | | 0.002 | | | 0.010L | | 0.010L | | | | |
| 07 | 09 | 76 | 1415 | | | .3 | | 0.001 | | | 0.010L | | 0.010L | | | | |
| 05 | 10 | 76 | 1030 | | | .3 | | 0.002 | | | 0.050 | | 0.010L | | | | |
| 01 | 11 | 76 | 1400 | | | .3 | | 0.002 | | | 0.010L | | 0.010L | | | | |
| 01 | 12 | 76 | 1000 | | | .3 | | 0.002 | | | 0.020L | | 0.010L | | | | |

MAXIMUM 0.002 0.050 0.010
 AVG OR GEOM MN (*) 0.002 0.021D 0.010D
 MINIMUM 0.001 0.010 0.010
 NO OF SAMPLES 11 11 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS "A" DISS PCI/L | 453 GROSS "A" UNDISS PCI/L | 454 GROSS "B" DISS PCI/L | 455 GROSS "B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-------------------------------------|-------------------------------|---------------------|
| 12 | 01 | 76 | 1600 | | | .3 | | | 0.01L | | | | | | | | 16950 |
| 09 | 02 | 76 | 1500 | | | .3 | | | 0.01L | | | | | | | | 16951 |
| 05 | 03 | 76 | 0900 | | | .3 | | | | | | | | | | | 16952 |
| 06 | 04 | 76 | 1000 | | | .3 | | | 0.01L | | | | | | | | 16953 |
| 04 | 05 | 76 | 1130 | | | .3 | | | 0.01L | | | | | | | | 16954 |
| 01 | 06 | 76 | 1030 | | | .3 | | | 0.01L | | | | | | | | 16955 |
| 06 | 07 | 76 | 1000 | | | .3 | | | 0.01L | | | | | | | | 16956 |
| 03 | 08 | 76 | 1400 | | | .3 | | | 0.01L | | | | | | | | 16957 |
| 07 | 09 | 76 | 1415 | | | .3 | | | 0.01L | | | | | | | | 16958 |
| 05 | 10 | 76 | 1030 | | | .3 | | | 0.01L | | | | | | | | 16959 |
| 01 | 11 | 76 | 1400 | | | .3 | | | 0.01L | | | | | | | | 16960 |
| 01 | 12 | 76 | 1000 | | | .3 | | | 0.01L | | | | | | | | 16961 |

MAXIMUM 0.01 0.01D
 AVG OR GEOM MN (*) 0.01D
 MINIMUM 0.01
 NO OF SAMPLES 11

B.O.W./ SITE: KEMPTVILLE CREEK
 SAMPLE POINT: HIGHWAY 43, KEMPTVILLE
 STATION TYPE: RIVER FLOW GAUGE FED 02LA006

STATION ID: 18-C033-003-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

STN NO 3 LAT LONG U.T.M. 18 0449450.0 4906950.0 4 REGION 04 MILEAGE 34.90

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 01 | 76 | 0835 | | | .3 | | 19000 | 4 | | 56. | 4. | 80. | | 0.0 | 9.0 | 1.2 |
| 02 | 02 | 76 | 0945 | | | .3 | | 19020 | 4 | 138.00 | 100. | 20. | 30. | | 0.0 | 6.0 | 1.0 |
| 03 | 03 | 76 | 0830 | | | .3 | | 19040 | 4 | 350.00 | 260. | 56. | 20. | | 0.0 | 7.0 | 1.0 |
| 12 | 04 | 76 | 0810 | | | .3 | | 19060 | 6 3 | 251.00 | 910. | 1. | 32. | | 5.0 | 11.0 | 0.6 |
| 03 | 05 | 76 | 0830 | | | .3 | | 19080 | 6 | 150.00 | 3500. | 152. | 88. | | 12.0 | 7.0 | 0.8 |
| 01 | 06 | 76 | 0745 | | | .3 | | 19100 | 6 | 185.00 | 1400. | | 212. | | 18.0 | 7.0 | 1.0 |
| 05 | 07 | 76 | 0755 | | | .3 | | 19120 | 6 8 | 68.50 | 300. | | 1. | | 22.0 | 7.0 | 1.2 |
| 10 | 08 | 76 | 0815 | | | .3 | | 19140 | 5 7 | 26.40 | 300. | | 4. | | 20.0 | 8.0 | 0.8 |
| 07 | 09 | 76 | 0815 | | | .3 | | 19160 | 6 7 | 36.00 | 600. | 34. | 32. | | 18.0 | 9.0 | 0.8 |
| 04 | 10 | 76 | 0800 | | | .3 | | 19180 | 6 | 36.70 | 1700. | 14. | 50. | | 13.0 | 9.0 | 3.4 |
| 08 | 11 | 76 | 0900 | | | .3 | | 19200 | 6 | 166.00 | 250. | 12. | 12. | | 1.0 | 10.0 | 0.8 |
| 06 | 12 | 76 | 0820 | | | .3 | | 19220 | 4 | 56.00 | 4500. | 740. | 430. | | 0.0 | 9.0 | 0.6 |

MAXIMUM 350.00 4500. 740. 430. 22.0 11.0 3.4
 AVG OR GEOM MN (*) 133.06 544. 18. 31. 5.1 8.3 1.1
 MINIMUM 26.40 56. 1. 1. 0.0 6.0 0.6
 NO OF SAMPLES 11 12 10 12 12 12 12

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 | 01 | 76 | 0835 | | | .3 | 0.032 | 0.015 | 0.130 | 0.920 | 0.006 | 0.400 | | | | |
| 02 | 02 | 76 | 0945 | | | .3 | 0.033 | 0.011 | 0.120 | 0.820 | 0.009 | 0.340 | | | | |
| 03 | 03 | 76 | 0830 | | | .3 | 0.020 | 0.004 | 0.056 | 0.620 | 0.009 | 0.276 | | | | |
| 12 | 04 | 76 | 0810 | | | .3 | 0.017 | 0.002 | 0.002L | 0.51 | 0.003 | 0.092 | | | | |
| 03 | 05 | 76 | 0830 | | | .3 | 0.025 | 0.005 | 0.006 | 0.820 | 0.006 | 0.114 | | | | |
| 01 | 06 | 76 | 0745 | | | .3 | 0.022 | 0.006 | 0.012 | 0.760 | 0.006 | 0.094 | 198.0 | 3.4 | | |
| 05 | 07 | 76 | 0755 | | | .3 | 0.054 | 0.021 | 0.072 | 1.320 | 0.011 | 0.060 | | | | |
| 10 | 08 | 76 | 0815 | | | .3 | 0.028 | 0.013 | 0.058 | 1.040 | 0.071 | 0.129 | | | | |
| 07 | 09 | 76 | 0815 | | | .3 | 0.022 | 0.008 | 0.082 | 1.100 | 0.008 | 0.102 | | | | |
| 04 | 10 | 76 | 0800 | | | .3 | 0.042 | 0.005 | 0.120 | 2.180 | 0.009 | 0.091 | | | | |
| 08 | 11 | 76 | 0900 | | | .3 | 0.016 | 0.006 | 0.020 | 0.670 | 0.003 | 0.072 | | | | |
| 06 | 12 | 76 | 0820 | | | .3 | 0.023 | 0.011 | 0.096 | 0.750 | 0.004 | 0.221 | | | | |
| MAXIMUM | | | | | | | 0.054 | 0.021 | 0.130 | 2.180 | 0.071 | 0.400 | 198.0 | 3.4 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.028 | 0.009 | 0.065D | 0.959 | 0.012 | 0.166 | 198.0 | 3.4 | | |
| MINIMUM | | | | | | | 0.016 | 0.002 | 0.002 | 0.51 | 0.003 | 0.060 | 198.0 | 3.4 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 1 | 1 | | |

| SAMP | DTE | HR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|----|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | MG/L | MG/L | | MG/L | MG/L |
| 05 | 01 | 76 | 0835 | | | .3 | 455 | 2.70 | 8.7 | | | | | | | |
| 02 | 02 | 76 | 0945 | | | .3 | 405 | 1.50 | 9.8 | | | | | | | |
| 03 | 03 | 76 | 0830 | | | .3 | 340 | 1.20 | 7.3 | | | | | | | |
| 12 | 04 | 76 | 0810 | | | .3 | 225 | 1.0 | 5.3 | | | | | | | |
| 03 | 05 | 76 | 0830 | | | .3 | 330 | 1.40 | 8.1 | | | | | | | |
| 01 | 06 | 76 | 0745 | | | .3 | 300 | 1.30 | 5.6 | | | | | | | |
| 05 | 07 | 76 | 0755 | | | .3 | 357 | 1.70 | 6.8 | | | | | | | |
| 10 | 08 | 76 | 0815 | | | .3 | 393 | 1.50 | 9.2 | | | | | | | |
| 07 | 09 | 76 | 0815 | | | .3 | 410 | 1.00 | | | | | | | | |
| 04 | 10 | 76 | 0800 | | | .3 | 435 | 1.60 | 10.5 | | | | | | | |
| 08 | 11 | 76 | 0900 | | | .3 | 370 | 1.60 | 7.8 | | | | | | | |
| 06 | 12 | 76 | 0820 | | | .3 | 435 | 1.40 | 9.9 | | | | | | | |
| MAXIMUM | | | | | | | 455 | 2.70 | 10.5 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 371 | 1.49 | 8.1 | | | | | | | |
| MINIMUM | | | | | | | 225 | 1.0 | 5.3 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 11 | | | | | | | |

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT OLD SLY LOCKS, SMITH FALLS
STATION TYPE: RIVER FLOW GAUGE FED 02LA005

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-005-02

STORET CODE: 02
006
1710

| STN NO | 5 | LAT | LONG | U.T.M. | 18 | 0420575.0 | 4971200.0 | 4 | REGION | 04 | MILEAGE | 60.40 | | | | |
|--------------------|-----|-----|------|--------|------|-----------|-----------|----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP | DTE | HR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | S-DAY |
| | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 | 01 | 76 | 1515 | | | .3 | 19011 | 6 | 522.00 | 200. | 30. | 10. | L | 0.0 | 12.0 | 1.2 |
| 02 | 02 | 76 | 1435 | | | .3 | 19031 | 6 | 534.00 | | | | | 0.0 | 12.0 | 1.0 |
| 03 | 03 | 76 | 1415 | | | .3 | 19051 | | 1210.00 | 740. | 20. | 10. | L | 0.0 | 12.0 | 1.4 |
| 12 | 04 | 76 | 1525 | | | .3 | 19071 | 6 3 | 1930.00 | 120. | 8. | 36. | | 5.0 | 12.0 | 1.2 |
| 03 | 05 | 76 | 1430 | | | .3 | 19091 | 6 | 513.00 | 900. | 1. | 20. | | 12.0 | 9.0 | 1.6 |
| 01 | 06 | 76 | 1415 | | | .3 | 19111 | 6 | 847.00 | 80. | | 12. | | 17.0 | 9.0 | 1.0 |
| 05 | 07 | 76 | 1415 | | | .3 | 19131 | 6 | 342.00 | 1800. | | 16. | | 23.0 | 10.0 | 0.8 |
| 10 | 08 | 76 | 1410 | | | .3 | 19151 | 6 | 274.00 | 800. | 1. | 1. | | 20.0 | 8.0 | 1.0 |
| 07 | 09 | 76 | 1500 | | | .3 | 19171 | 6 | 260.00 | 3200. | 90. | 8. | | 18.0 | 9.0 | 0.8 |
| 04 | 10 | 76 | 1500 | | | .3 | 19191 | 6 | 266.00 | 1200. | 40. | 68. | | 13.0 | 11.0 | 0.8 |
| 08 | 11 | 76 | 1510 | | | .3 | 19211 | 6 | 243.00 | 190. | 60. | 12. | | 1.0 | 11.0 | 1.6 |
| 06 | 12 | 76 | 1510 | | | .3 | 19231 | 6 | 183.00 | 390. | 50. | 22. | | 0.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | | | 1930.00 | 3200. | 90. | 68. | | 23.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | | | 593.67 | 503.* | 16.* | 13.* | D | 9.1 | 10.5 | 1.1 |
| MINIMUM | | | | | | | | | 183.00 | 80. | 1. | 1. | | 0.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | 12 | 11 | 9 | 11 | | 12 | 12 | 12 |
| SAMP | DTE | HR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 | 01 | 76 | 1515 | | | .3 | 0.023 | 0.006 | 0.090 | 0.550 | 0.002 | 0.040 | | | | |
| 02 | 02 | 76 | 1435 | | | .3 | 0.027 | 0.007 | 0.130 | 0.570 | 0.004 | 0.120 | | | | |
| 03 | 03 | 76 | 1415 | | | .3 | 0.033 | 0.004 | 0.088 | 0.620 | 0.004 | 0.150 | | | | |
| 12 | 04 | 76 | 1525 | | | .3 | 0.027 | 0.001 | 0.002L | 0.54 | 0.002 | 0.008 | | | | |
| 03 | 05 | 76 | 1430 | | | .3 | 0.034 | 0.002 | 0.002L | 0.650 | 0.002 | 0.005L | | | | |
| 01 | 06 | 76 | 1415 | | | .3 | 0.032 | 0.006 | 0.030 | 0.620 | 0.002 | 0.005L | 136.0 | 2.5 | | |
| 05 | 07 | 76 | 1415 | | | .3 | 0.060 | 0.004 | 0.006 | 0.52 | 0.003 | 0.005L | | | | |
| 10 | 08 | 76 | 1410 | | | .3 | 0.026 | 0.002 | 0.004 | 0.590 | 0.002 | 0.005L | | | | |
| 07 | 09 | 76 | 1500 | | | .3 | 0.022 | 0.002 | 0.018 | 0.500 | 0.001 | 0.005L | | | | |
| 04 | 10 | 76 | 1500 | | | .3 | 0.021 | 0.003 | 0.008 | 0.480 | 0.001 | 0.005L | | | | |
| 08 | 11 | 76 | 1510 | | | .3 | 0.015 | 0.003 | 0.006 | 0.500 | 0.002 | 0.013 | | | | |
| 06 | 12 | 76 | 1510 | | | .3 | 0.017 | 0.003 | 0.034 | 0.530 | 0.002 | 0.008 | | | | |
| MAXIMUM | | | | | | | 0.060 | 0.007 | 0.130 | 0.650 | 0.004 | 0.150 | 136.0 | 2.5 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.028 | 0.004 | 0.035D | 0.556 | 0.002 | 0.031D | 136.0 | 2.5 | | |
| MINIMUM | | | | | | | 0.015 | 0.001 | 0.002 | 0.480 | 0.001 | 0.005 | 136.0 | 2.5 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 1 | 1 | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 01 76 1515 | | | .3 | | 250 | 1.20 | 6.0 | | | | | | | |
| 02 02 76 1435 | | | .3 | | 250 | 0.90 | 7.0 | | | | | | | |
| 03 03 76 1415 | | | .3 | | 245 | 1.30 | 7.4 | | | | | | | |
| 12 04 76 1525 | | | .3 | | 170 | 1.7 | 4.3 | | | | | | | |
| 03 05 76 1430 | | | .3 | | 200 | 2.40 | 4.6 | | | | | | | |
| 01 06 76 1415 | | | .3 | | 205 | 1.30 | 5.0 | | | | | | | |
| 05 07 76 1415 | | | .3 | | 198 | 1.5 | 4.5 | | | | | | | |
| 10 08 76 1410 | | | .3 | | 192 | 1.50 | 4.5 | | | | | | | |
| 07 09 76 1500 | | | .3 | | 190 | 1.00 | 3.7 | | | | | | | |
| 04 10 76 1500 | | | .3 | | 195 | 1.20 | 4.0 | | | | | | | |
| 08 11 76 1510 | | | .3 | | 235 | 1.60 | 7.1 | | | | | | | |
| 06 12 76 1510 | | | .3 | | 290 | 2.00 | 6.3 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 290 | 2.40 | 7.4 |
| AVG OR GEOM MN (*) | 218 | 1.47 | 5.4 |
| MINIMUM | 170 | 0.90 | 3.7 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: NARROWS LOCK BRIDGE, 4 MILES NORTH OF CROSBY
STATION TYPE: RIVER

STATION ID: 18-0033-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 7 LAT LONG U.T.M. 18 0397300.0 4950500.0 4 REGION 04 MILEAGE 82.40

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 07 01 76 1500 | | | .3 | | 19018 | 4 | | 10. L | 1. | 10. L | | 0.0 | 12.0 | 2.0 |
| 03 02 76 1120 | | | .3 | | 19038 | 4 | | 4. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 02 03 76 1045 | | | .3 | | 19058 | 4 | | 1. | 1. | 1. | | 0.0 | 11.0 | 1.0 |
| 13 04 76 1330 | | | .3 | | 19078 | 6 3 | | 1. | 1. | 4. | | 4.0 | 12.0 | 0.2 |
| 04 05 76 1315 | | | .3 | | 19098 | 6 | | 180. | 1. | 1. | | 9.0 | 11.0 | 1.4 |
| 02 06 76 1320 | | | .3 | | 19118 | 6 | | 10. | 1. | 1. | | 15.0 | 10.0 | 1.4 |
| 07 07 76 1200 | | | .3 | | 19138 | | | 100. L | | 4. | | | | 1.6 |
| 04 08 76 1310 | | | .3 | | 19158 | 5 | | 100. | | 1. | | 19.0 | 9.0 | 1.4 |
| 08 09 76 1315 | | | .3 | | 19178 | 5 | | 10. L | 1. | 1. | | 18.0 | 9.0 | 0.8 |
| 05 10 76 1330 | | | .3 | | 19198 | 6 | | 90. | 1. | 8. | | 14.0 | 8.0 | 0.8 |
| 09 11 76 1335 | | | .3 | | 19218 | 6 | | 10. L | 1. | 1. | | 1.0 | 8.0 | 1.4 |
| 07 12 76 1500 | | | .3 | | 19238 | 6 | | 4. L | 2. L | 2. L | | 0.0 | 10.0 | 1.0 |

| | | | | | | |
|--------------------|--------|-------|-------|------|------|-----|
| MAXIMUM | 180. | 2. | 10. | 19.0 | 12.0 | 2.0 |
| AVG OR GEOM MN (*) | 13.* D | 1.* D | 2.* D | 7.3 | 10.1 | 1.2 |
| MINIMUM | 1. | 1. | 1. | 0.0 | 8.0 | 0.2 |
| NO OF SAMPLES | 12 | 9 | 12 | 11 | 11 | 12 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1500 | | | .3 | | 0.047 | 0.002 | 0.050 | 0.780 | 0.004 | 0.140 | | | | |
| 03 02 76 1120 | | | .3 | | 0.028 | 0.009 | 0.010 | 0.570 | 0.006 | 0.260 | | | | |
| 02 03 76 1045 | | | .3 | | 0.024 | 0.002 | 0.002L | 0.440 | 0.002 | 0.228 | | | | |
| 13 04 76 1330 | | | .3 | | 0.041 | 0.007 | 0.012 | 0.430 | 0.002 | 0.208 | | | | |
| 04 05 76 1315 | | | .3 | | 0.034 | 0.001 | 0.006 | 0.550 | 0.003 | 0.072 | | | | |
| 02 06 76 1320 | | | .3 | | 0.027 | 0.001L | 0.026 | 0.500 | 0.001 | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.030 | 0.001 | 0.004 | 0.65 | 0.001 | 0.005L | | | | |
| 04 08 76 1310 | | | .3 | | 0.022 | 0.002 | 0.002L | 0.520 | 0.001L | 0.005L | | | | |
| 08 09 76 1315 | | | .3 | | 0.024 | 0.001 | 0.018 | 0.480 | 0.001L | 0.005L | | | | |
| 05 10 76 1330 | | | .3 | | 0.030 | 0.006 | 0.090 | 0.610 | 0.008 | 0.007 | | | | |
| 09 11 76 1335 | | | .3 | | 0.030 | 0.001 | 0.016 | 0.660 | 0.007 | 0.028 | | | | |
| 07 12 76 1500 | | | .3 | | 0.021 | 0.001 | 0.032 | 0.420 | 0.005 | 0.045 | | | | |

| | | | | | | |
|--------------------|-------|--------|--------|-------|--------|--------|
| MAXIMUM | 0.047 | 0.009 | 0.090 | 0.780 | 0.008 | 0.280 |
| AVG OR GEOM MN (*) | 0.030 | 0.003D | 0.022D | 0.551 | 0.003D | 0.086D |
| MINIMUM | 0.021 | 0.001 | 0.002 | 0.420 | 0.001 | 0.005 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 07 01 76 1500 | | | .3 | | 240 | 1.40 | 7.7 | | | | | | | |
| 03 02 76 1120 | | | .3 | | 240 | 1.00 | 7.5 | | | | | | | |
| 02 03 76 1045 | | | .3 | | 225 | 0.65 | 6.8 | | | | | | | |
| 13 04 76 1330 | | | .3 | | 220 | 2.50 | 6.8 | | | | | | | |
| 04 05 76 1315 | | | .3 | | 215 | 2.30 | 6.7 | | | | | | | |
| 02 06 76 1320 | | | .3 | | 210 | 1.70 | 6.9 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 208 | 3.0 | 6.9 | | | | | | | |
| 04 08 76 1310 | | | .3 | | 212 | 2.00 | 6.7 | | | | | | | |
| 08 09 76 1315 | | | .3 | | 210 | 1.80 | 7.0 | | | | | | | |
| 05 10 76 1330 | | | .3 | | 215 | 1.20 | 7.0 | | | | | | | |
| 09 11 76 1335 | | | .3 | | 220 | 1.60 | 6.9 | | | | | | | |
| 07 12 76 1500 | | | .3 | | 225 | 1.00 | 7.3 | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 240 | 3.0 | 7.7 |
| AVG OR GEOM MN (*) | 220 | 1.68 | 7.0 |
| MINIMUM | 208 | 0.65 | 6.7 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W./ SITE: TAY RIVER
 SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
 STATION TYPE: RIVER

STATION ID: 18-0033-008-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | | B | LAT | | LONG | | U.T.M. 18 0405400.0 4971550.0 4 | | | | REGION 04 | | MILEAGE | 70.90 | | |
|---------------|----|----|------|------|------|-------|---------------------------------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|
| SAMP DTE HOUR | | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 06 | 01 | 76 | 1040 | | | .3 | 19013 | 4 | | 14900. | 120. | 130. | | 0.0 | 11.0 | 1.2 |
| 03 | 02 | 76 | 0855 | | | .3 | 19033 | 4 | | 16900. | 1980. | 180. | | 0.0 | 11.0 | 1.8 |
| 02 | 03 | 76 | 0820 | | | .3 | 19053 | 4 | | 14700. | 10. | L 420. | | 0.0 | 6.0 | 2.0 |
| 13 | 04 | 76 | 0820 | | | .3 | 19073 | 6 3 | | 9000. | 10. | 10. | L | 4.0 | 12.0 | 0.4 |
| 04 | 05 | 76 | 0845 | | | .3 | 19093 | 6 | | 700. | 8. | 12. | | 10.0 | 9.0 | 1.6 |
| 02 | 06 | 76 | 0915 | | | .3 | 19113 | 6 | | 400. | | 1. | | 18.0 | 8.0 | 1.0 |
| 04 | 08 | 76 | 0830 | | | .3 | 19153 | 7 5 | | 100. | | 1. | | 19.0 | 6.0 | 0.6 |
| 08 | 09 | 76 | 0900 | | | .3 | 19173 | 7 5 | | 100. | L 12. | 4. | | 16.0 | 7.0 | 0.8 |
| 05 | 10 | 76 | 0930 | | | .3 | 19193 | 6 | | 700. | 20. | 0. | | 13.0 | 8.0 | 1.0 |
| 09 | 11 | 76 | 0900 | | | .3 | 19213 | 6 | | 710. | 22. | 16. | | 1.0 | 11.0 | 0.7 |
| 07 | 12 | 76 | 1000 | | | .3 | 19233 | 4 | | 3300. | 160. | 42. | | 0.0 | 9.0 | 1.2 |

| | | | | | | |
|--------------------|-----------|---------|---------|------|------|-----|
| MAXIMUM | 16900. | 1980. | 420. | 19.0 | 12.0 | 2.0 |
| AVG OR GEOM MN (*) | 1580. * D | 38. * D | 14. * D | 7.4 | 8.9 | 1.1 |
| MINIMUM | 100. | 8. | 0. | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | 11 | 9 | 11 | 11 | 11 | 11 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 06 01 76 1040 | | | .3 | | 0.140 | 0.100 | 0.370 | 1.000 | 0.004 | 0.030 | | | | |
| 03 02 76 0855 | | | .3 | | 0.130 | 0.086 | 0.450 | 1.200 | 0.006 | 0.070 | | | | |
| 02 03 76 0820 | | | .3 | | 0.129 | 0.065 | 0.420 | 1.100 | 0.006 | 0.109 | | | | |
| 13 04 76 0820 | | | .3 | | 0.025 | 0.003 | 0.026 | 0.440 | 0.003 | 0.017 | | | | |
| 04 05 76 0845 | | | .3 | | 0.043 | 0.004 | 0.012 | 0.600 | 0.003 | 0.005L | | | | |
| 02 06 76 0915 | | | .3 | | 0.057 | 0.028 | 0.068 | 0.600 | 0.002 | 0.005L | | | | |
| 04 08 76 0830 | | | .3 | | 0.032 | 0.012 | 0.002L | 0.470 | 0.001 | 0.005L | | | | |
| 08 09 76 0900 | | | .3 | | 0.047 | 0.024 | 0.028 | 0.470 | 0.001 | 0.005L | | | | |
| 05 10 76 0930 | | | .3 | | 0.039 | 0.014 | 0.032 | 0.560 | 0.003 | 0.027 | | | | |
| 09 11 76 0900 | | | .3 | | 0.043 | 0.030 | 0.116 | 0.750 | 0.005 | 0.005 | | | | |
| 07 12 76 1000 | | | .3 | | 0.112 | 0.074 | 0.272 | 0.810 | 0.002 | 0.048 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|
| MAXIMUM | 0.140 | 0.100 | 0.450 | 1.200 | 0.006 | 0.109 |
| AVG OR GEOM MN (*) | 0.072 | 0.040 | 0.163D | 0.727 | 0.003 | 0.030D |
| MINIMUM | 0.025 | 0.003 | 0.002 | 0.440 | 0.001 | 0.005 |
| NO OF SAMPLES | 11 | 11 | 11 | 11 | 11 | 11 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 06 01 76 1040 | | | .3 | | 240 | 1.10 | 8.5 | | | | | | | |
| 03 02 76 0855 | | | .3 | | 235 | 1.20 | 8.8 | | | | | | | |
| 02 03 76 0820 | | | .3 | | 240 | 1.80 | 13.0 | | | | | | | |
| 13 04 76 0820 | | | .3 | | 155 | 0.95 | 4.1 | | | | | | | |
| 04 05 76 0845 | | | .3 | | 190 | 2.10 | 6.5 | | | | | | | |
| 02 06 76 0915 | | | .3 | | 185 | 1.90 | 6.1 | | | | | | | |
| 04 08 76 0830 | | | .3 | | 160 | 1.00 | 3.9 | | | | | | | |
| 08 09 76 0900 | | | .3 | | 175 | 0.88 | 5.2 | | | | | | | |
| 05 10 76 0930 | | | .3 | | 170 | 2.20 | 4.4 | | | | | | | |
| 09 11 76 0900 | | | .3 | | 195 | 2.00 | 6.2 | | | | | | | |
| 07 12 76 1000 | | | .3 | | 230 | 1.80 | 8.8 | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 240 | 2.20 | 13.0 |
| AVG OR GEOM MN (*) | 198 | 1.54 | 6.9 |
| MINIMUM | 155 | 0.88 | 3.9 |
| NO OF SAMPLES | 11 | 11 | 11 |

B.O.W. / SITE: TAY RIVER
 SAMPLE POINT: AT MARKET STREET PERTH
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-009-02

STORET CODE: 02
 006
 1710

| STN NO | 9 | LAT | LONG | U.T.M. 18 0400950.0 4971900.0 4 | REGION 04 | MILEAGE | 74.90 | | | | | | | |
|-------------------------------|---------------------|------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-CAY BOD MG/L |
| 07 01 76 0945 | | | .3 | | 19014 | 4 | | 30. | 1. | 10. L | | 0.0 | 11.0 | 1.2 |
| 03 02 76 0815 | | | .3 | | 19034 | 4 | | 100. L | 10. L | 10. | | 0.0 | 10.0 | 1.0 |
| 02 03 76 0750 | | | .3 | | 19054 | 4 | | 40. | 10. L | 20. | | 0.0 | 11.0 | 1.4 |
| 13 04 76 0915 | | | .3 | | 19074 | 6 3 | | 140. | 1. | 4. | | 4.0 | 12.0 | 0.4 |
| 04 05 76 0915 | | | .3 | | 19094 | 6 | | 70. | 1. | 8. | | 9.0 | 9.0 | 1.4 |
| 02 06 76 0935 | | | .3 | | 19114 | 6 | | 170. | | 16. | | 18.0 | 8.0 | 0.8 |
| 07 07 76 1200 | | | .3 | | 19134 | | | 120. | | 16. | | | | 0.6 |
| 04 08 76 0905 | | | .3 | | 19154 | 8 6 | | 100. | | 4. | | 19.0 | 8.0 | 0.6 |
| 08 09 76 1015 | | | .3 | | 19174 | 8 6 | | 100. | 6. | 2. | | 16.0 | 8.0 | 0.6 |
| 05 10 76 0950 | | | .3 | | 19194 | 6 | | 600. | 32. | 56. | | 13.0 | 9.0 | 1.0 |
| 09 11 76 0940 | | | .3 | | 19214 | 6 | | 10. L | 1. | 1. | | 1.0 | 11.0 | 0.4 |
| 07 12 76 1025 | | | .3 | | 19234 | 4 | | 128. | 26. | 2. | | 0.0 | 9.0 | 1.0 |
| MAXIMUM | | | | | | | | 600. | 32. | 56. | | 19.0 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | 87. * D | 4. * D | 7. * D | | 7.3 | 9.6 | 0.9 |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | 8.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 12 | 9 | 12 | | 11 | 11 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 01 76 0945 | | | .3 | | 0.039 | 0.029 | 0.080 | 0.660 | 0.004 | 0.050 | | | | |
| 03 02 76 0815 | | | .3 | | 0.017 | 0.004 | 0.080 | 0.620 | 0.006 | 0.060 | | | | |
| 02 03 76 0750 | | | .3 | | 0.034 | 0.007 | 0.072 | 0.660 | 0.004 | 0.106 | | | | |
| 13 04 76 0915 | | | .3 | | 0.013 | 0.001 | 0.002 | 0.380 | 0.002 | 0.023 | | | | |
| 04 05 76 0915 | | | .3 | | 0.020 | 0.001 | 0.002L | 0.540 | 0.002 | 0.005L | | | | |
| 02 06 76 0935 | | | .3 | | 0.026 | 0.007 | 0.018 | 0.500 | 0.002 | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.026 | 0.008 | 0.006 | 0.49 | 0.002 | 0.005L | | | | |
| 04 08 76 0905 | | | .3 | | 0.016 | 0.002 | 0.012 | 0.400 | 0.001 | 0.005L | | | | |
| 08 09 76 1015 | | | .3 | | 0.025 | 0.002 | 0.016 | 0.480 | 0.001L | 0.005L | | | | |
| 05 10 76 0950 | | | .3 | | 0.021 | 0.002 | 0.010 | 0.530 | 0.002 | 0.005L | | | | |
| 09 11 76 0940 | | | .3 | | 0.014 | 0.004 | 0.004 | 0.550 | 0.001 | 0.005L | | | | |
| 07 12 76 1025 | | | .3 | | 0.019 | 0.003 | 0.010 | 0.590 | 0.001 | 0.009 | | | | |
| MAXIMUM | | | | | 0.039 | 0.029 | 0.080 | 0.660 | 0.006 | 0.106 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.023 | 0.006 | 0.0260 | 0.533 | 0.0020 | 0.0240 | | | | |
| MINIMUM | | | | | 0.013 | 0.001 | 0.002 | 0.380 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 01 76 0945 | | | .3 | | 205 | 1.40 | 4.1 | | | | | | | |
| 03 02 76 0815 | | | .3 | | 200 | 0.85 | 4.8 | | | | | | | |
| 02 03 76 0750 | | | .3 | | 195 | 1.40 | 6.8 | | | | | | | |
| 13 04 76 0915 | | | .3 | | 145 | 0.95 | 2.8 | | | | | | | |
| 04 05 76 0915 | | | .3 | | 165 | 2.30 | 3.4 | | | | | | | |
| 02 06 76 0935 | | | .3 | | 160 | 1.60 | 3.0 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 148 | 1.6 | 2.5 | | | | | | | |
| 04 08 76 0905 | | | .3 | | 152 | 1.50 | 2.4 | | | | | | | |
| 08 09 76 1015 | | | .3 | | 150 | 0.88 | 2.4 | | | | | | | |
| 05 10 76 0950 | | | .3 | | 150 | 2.00 | 2.4 | | | | | | | |
| 09 11 76 0940 | | | .3 | | 165 | 1.50 | 3.4 | | | | | | | |
| 07 12 76 1025 | | | .3 | | 205 | 1.40 | 5.5 | | | | | | | |
| MAXIMUM | | | | | 205 | 2.30 | 6.8 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 170 | 1.45 | 3.6 | | | | | | | |
| MINIMUM | | | | | 145 | 0.85 | 2.4 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: RIDEAU RIVER
 SAMPLE POINT: HIGHWAY 43 MERRICKVILLE
 STATION TYPE: RIVER

STATION ID: 18-0033-011-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | | 11 | LAT | | LONG | | U.T.M. 18 0433800.0 4973900.0 4 | | | | REGION 04 | | MILEAGE | 47.30 | |
|---------------|----|-----|------|------|------|-------|---------------------------------|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 60 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | NO | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 05 | 01 | 76 | 1430 | | | .3 | 19009 | 4 | 1640. | 580. | 20. | | 0.0 | 11.0 | 1.0 |
| 02 | 02 | 76 | 1400 | | | .3 | 19029 | 6 | 1750. | 400. | 60. | | 0.0 | 10.0 | 0.8 |
| 03 | 03 | 76 | 1335 | | | .3 | 19049 | 4 | 650. | 10. L | 70. | | 0.0 | 9.0 | 1.2 |
| 12 | 04 | 76 | 1430 | | | .3 | 19069 | 6 3 | 510. | 16. | 4. | | 3.0 | 12.0 | 1.0 |
| 03 | 05 | 76 | 0730 | | | .3 | 19089 | 6 | 230. | 1. | 1. | | 12.0 | 10.0 | 2.4 |
| 01 | 06 | 76 | 1330 | | | .3 | 19109 | 6 | 190. | | 4. | | 17.0 | 9.0 | 1.4 |
| 05 | 07 | 76 | 1330 | | | .3 | 19129 | 5 8 | 20. | | 1. | | 22.0 | 11.0 | 2.4 |
| 10 | 08 | 76 | 1325 | | | .3 | 19149 | 5 8 | 140. | 1. | 1. | | 20.0 | 9.0 | 1.4 |
| 07 | 09 | 76 | 1425 | | | .3 | 19169 | 6 8 | 90. | 1. | 2. | | 18.0 | 10.0 | 1.0 |
| 04 | 10 | 76 | 1325 | | | .3 | 19189 | 6 | 20. | 1. | 0. | | 13.0 | 11.0 | 0.8 |
| 08 | 11 | 76 | 1330 | | | .3 | 19209 | 6 | 70. | 1. | 1. | | 1.0 | 9.0 | 1.2 |
| 06 | 12 | 76 | 1415 | | | .3 | 19229 | 6 | 212. | 2. L | 2. L | | 0.0 | 8.0 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|------|--------------|--------------------------|-----------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|----------------------|
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 05 01 76 1430 | | | .3 | | 0.020 | 0.008 | 0.110 | 0.670 | 0.004 | 0.110 | | | | |
| 02 02 76 1400 | | | .3 | | 0.036 | 0.011 | 0.210 | 0.730 | 0.004 | 0.120 | | | | |
| 03 03 76 1335 | | | .3 | | 0.022 | 0.004 | 0.100 | 0.590 | 0.007 | 0.305 | | | | |
| 12 04 76 1430 | | | .3 | | 0.040 | 0.001 | 0.002L | 0.60 | 0.002 | 0.003 | | | | |
| 03 05 76 0730 | | | .3 | | 0.072 | 0.002 | 0.002L | 0.960 | 0.002 | 0.005L | | | | |
| 01 06 76 1330 | | | .3 | | 0.045 | 0.006 | 0.018 | 0.750 | 0.002 | 0.005L | 156.0 | 6.0 | | |
| 05 07 76 1330 | | | .3 | | 0.058 | 0.003 | 0.006 | 0.78 | 0.002 | 0.005L | | | | |
| 10 08 76 1325 | | | .3 | | 0.029 | 0.003 | 0.006 | 0.630 | 0.002 | 0.005L | | | | |
| 07 09 76 1425 | | | .3 | | 0.028 | 0.002 | 0.006 | 0.590 | 0.001 | 0.005L | | | | |
| 04 10 76 1325 | | | .3 | | 0.028 | 0.003 | 0.004 | 0.510 | 0.001 | 0.005L | | | | |
| 08 11 76 1330 | | | .3 | | 0.022 | 0.003 | 0.002L | 0.510 | 0.003 | 0.022 | | | | |
| 06 12 76 1415 | | | .3 | | 0.024 | 0.003 | 0.010 | 0.620 | 0.002 | 0.013 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|------|-----------------|----------------------|---------------|---------------|---------------------------|--------------|---------------------|-----------|-----------------|-----------------|
| DY MO YR LMT | DIST | BRG | DEPTH | MTRS | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 05 01 76 1430 | | | .3 | | 300 | 1.20 | 7.0 | | | | | | | |
| 02 02 76 1400 | | | .3 | | 300 | 1.50 | 8.8 | | | | | | | |
| 03 03 76 1335 | | | .3 | | 290 | 2.00 | 7.6 | | | | | | | |
| 12 04 76 1430 | | | .3 | | 180 | 3.8 | 4.2 | | | | | | | |
| 03 05 76 0730 | | | .3 | | 230 | 5.20 | 5.1 | | | | | | | |
| 01 06 76 1330 | | | .3 | | 230 | 2.00 | 5.5 | | | | | | | |
| 05 07 76 1330 | | | .3 | | 202 | 4.3 | 5.0 | | | | | | | |
| 10 08 76 1325 | | | .3 | | 185 | 2.50 | 5.6 | | | | | | | |
| 07 09 76 1425 | | | .3 | | 190 | 1.20 | 4.8 | | | | | | | |
| 04 10 76 1325 | | | .3 | | 205 | 1.20 | 4.7 | | | | | | | |
| 08 11 76 1330 | | | .3 | | 265 | 2.40 | 7.7 | | | | | | | |
| 06 12 76 1415 | | | .3 | | 300 | 2.50 | 7.7 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

NO OF SAMPLES

B.O.W. / SITE: RIDEAU RIVER
 SAMPLE POINT: AT DAM IN BLACK RAPIDS
 STATION TYPE: RIVER

STATION ID: 18-0033-012-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | 12 | LAT | LONG | U.T.M. 18 0445450.0 5018650.0 4 | | | | | | REGION 04 | MILEAGE | | 11.00 |
|--------------------|------|-----------|------|---------------------------------|----------|----------|----------|----------|----------|-----------|---------|--------|----------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | 1.0 | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOB |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 01 76 1115 | | .3 | | 19003 | 6 | | 452. | 24. | 10. | L | 0.0 | 12.0 | 1.2 |
| 02 02 76 1115 | | .3 | | 19023 | 6 | | 320. | 20. | 10. | L | 0.0 | 11.0 | 0.6 |
| 03 03 76 1000 | | .3 | | 19043 | | | 368. | 1. | 44. | | 0.0 | 12.0 | 1.0 |
| 12 04 76 1300 | | .3 | | 19063 | 6 3 | | 260. | 1. | 4. | | 5.0 | 12.0 | 0.8 |
| 03 05 76 1015 | | .3 | | 19083 | 6 | | 100. | 1. | 1. | | 12.0 | 9.0 | 1.6 |
| 01 06 76 0950 | | .3 | | 19103 | 6 | | 300. | | 4. | | 17.0 | 9.0 | 1.4 |
| 05 07 76 0920 | | .3 | | 19123 | 5 8 | | | | | | 23.0 | 7.0 | 1.2 |
| 10 08 76 0945 | | .3 | | 19143 | 5 8 | | 20. | 1. | 1. | | 20.0 | 7.0 | 1.0 |
| 07 09 76 1115 | | .3 | | 19163 | 8 5 | | 10. | 1. | 4. | | 18.0 | 8.0 | 1.0 |
| 04 10 76 1015 | | .3 | | 19183 | 6 | | 200. | 4. | 4. | | 13.0 | 10.0 | 0.8 |
| 08 11 76 1020 | | .3 | | 19203 | 6 | | 130. | 8. | 2. | | 1.0 | 6.0 | 0.9 |
| 06 12 76 0950 | | .3 | | 19223 | 6 | | 30. | 2. | L | L | 0.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | 452. | 24. | 44. | | 23.0 | 12.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | | | | 119.* | 3.* D | 4.* D | | 9.1 | 9.5 | 1.0 |
| MINIMUM | | | | | | | 10. | 1. | 1. | | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | 11 | 10 | 11 | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 01 76 1115 | | .3 | | 0.025 | 0.008 | 0.070 | 0.710 | 0.005 | 0.360 | | | | |
| 02 02 76 1115 | | .3 | | 0.041 | 0.017 | 0.260 | 0.830 | 0.003 | 0.170 | | | | |
| 03 03 76 1000 | | .3 | | 0.034 | 0.010 | 0.134 | 0.660 | 0.007 | 0.333 | | | | |
| 12 04 76 1300 | | .3 | | 0.044 | 0.005 | 0.014 | 0.60 | 0.006 | 0.219 | | | | |
| 03 05 76 1015 | | .3 | | 0.031 | 0.001 | 0.002L | 0.650 | 0.003 | 0.047 | | | | |
| 01 06 76 0950 | | .3 | | 0.030 | 0.004 | 0.024 | 0.680 | 0.003 | 0.005 | 188.0 | 6.3 | | |
| 05 07 76 0920 | | .3 | | 0.066 | 0.030 | 0.080 | 0.960 | 0.013 | 0.094 | | | | |
| 10 08 76 0945 | | .3 | | 0.052 | 0.013 | 0.024 | 0.880 | 0.004 | 0.005L | | | | |
| 07 09 76 1115 | | .3 | | 0.047 | 0.019 | 0.028 | 0.710 | 0.005 | 0.015 | | | | |
| 04 10 76 1015 | | .3 | | 0.036 | 0.015 | 0.016 | 0.660 | 0.005 | 0.020 | | | | |
| 08 11 76 1020 | | .3 | | 0.026 | 0.003 | 0.004 | 0.650 | 0.006 | 0.494 | | | | |
| 06 12 76 0950 | | .3 | | 0.017 | 0.001 | 0.008 | 0.620 | 0.003 | 0.192 | | | | |
| MAXIMUM | | | | 0.066 | 0.030 | 0.260 | 0.960 | 0.013 | 0.494 | 188.0 | 6.3 | | |
| AVG OR GEOM MN (*) | | | | 0.037 | 0.011 | 0.0550 | 0.718 | 0.005 | 0.163D | 188.0 | 6.3 | | |
| MINIMUM | | | | 0.017 | 0.001 | 0.002 | 0.60 | 0.003 | 0.005 | 188.0 | 6.3 | | |
| NO OF SAMPLES | | | | 12 | 12 | 12 | 12 | 12 | 12 | 1 | 1 | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 01 76 1115 | | .3 | | 375 | 19.00 | 9.5 | | | | | | | |
| 02 02 76 1115 | | .3 | | 370 | 1.40 | 10.0 | | | | | | | |
| 03 03 76 1000 | | .3 | | 340 | 2.00 | 11.0 | | | | | | | |
| 12 04 76 1300 | | .3 | | 290 | 4.0 | 0.1 | | | | | | | |
| 03 05 76 1015 | | .3 | | 295 | 2.90 | 9.5 | | | | | | | |
| 01 06 76 0950 | | .3 | | 280 | 2.60 | 6.6 | | | | | | | |
| 05 07 76 0920 | | .3 | | 310 | 3.60 | 9.0 | | | | | | | |
| 10 08 76 0945 | | .3 | | 262 | 1.80 | 7.9 | | | | | | | |
| 07 09 76 1115 | | .3 | | 260 | 1.40 | 8.4 | | | | | | | |
| 04 10 76 1015 | | .3 | | 300 | 1.50 | 9.9 | | | | | | | |
| 08 11 76 1020 | | .3 | | 395 | 2.60 | 15.0 | | | | | | | |
| 06 12 76 0950 | | .3 | | 395 | 2.60 | 12.0 | | | | | | | |
| MAXIMUM | | | | 395 | 19.00 | 15.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | 323 | 3.78 | 9.1 | | | | | | | |
| MINIMUM | | | | 260 | 1.40 | 0.1 | | | | | | | |
| NO OF SAMPLES | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: JOCK RIVER
 SAMPLE POINT: AT TOWNSHIP LINE DOWNSTREAM FROM RICHMOND
 STATION TYPE: RIVER FLOW GAUGE FED 02LA007

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-016-02

STORET CODE: 02
 006
 1710

| STN NO | | 16 | LAT | | LONG | | U.T.M. 18 0435550.0 5005100.0 4 | | | | REGION 04 | | MILEAGE | 25.70 | |
|---------------|----|----------|---------|------------|------|---------------|---------------------------------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY ECD MG/L |
| 05 | 01 | 76 | 1315 | | .3 | 19006 | 4 | 43.50 | 860. | 70. | 40. | | 0.0 | 8.0 | 0.9 |
| 02 | 02 | 76 | 1255 | | .3 | 19026 | 4 | 59.50 | 240. | 60. | 100. | L | 0.0 | 6.0 | 0.8 |
| 03 | 03 | 76 | 1155 | | .3 | 19046 | 4 | 121.00 | 100. | 40. | 64. | | 0.0 | 6.0 | 1.6 |
| 12 | 04 | 76 | 1100 | | .3 | 19056 | 6 3 | 676.00 | 100. | 1. | 20. | | 5.0 | 12.0 | 0.5 |
| 03 | 05 | 76 | 1145 | | .3 | 19086 | 6 | 260.00 | 200. | 52. | 24. | | 12.0 | 9.0 | 1.2 |
| 01 | 06 | 76 | 1125 | | .3 | 19106 | 6 | 186.00 | 1400. | | 44. | | 18.0 | 7.0 | 1.0 |
| 05 | 07 | 76 | 1110 | | .3 | 19126 | 8 6 | 222.00 | 1300. | | 64. | | 22.0 | 7.0 | 0.8 |
| 10 | 08 | 76 | 1120 | | .3 | 19146 | 7 6 | 14.00 | 400. | 1. | 136. | | 20.0 | 6.0 | 1.6 |
| 07 | 09 | 76 | 1225 | | .3 | 19166 | 7 6 | 28.00 | 1000. | 368. | 92. | | 15.0 | 8.0 | 0.8 |
| 04 | 10 | 76 | 1155 | | .3 | 19186 | 6 | 62.50 | 9300. | 136. | 188. | | 13.0 | 9.0 | 0.8 |
| 08 | 11 | 76 | 1200 | | .3 | 19206 | 6 | 178.00 | 500. | 32. | 8. | | 1.0 | 12.0 | 0.4 |
| 06 | 12 | 76 | 1215 | | .3 | 19226 | 4 | 50.00 | 320. | 16. | 8. | | 0.0 | 8.0 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

676.00 9300. 368. 188. 22.0 12.0 1.6
 158.38 526. 27. 44. 8.8 8.2 1.0
 14.00 100. 1. 8. 0.0 6.0 0.4

NO OF SAMPLES

12 12 10 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 05 01 76 1315 | | | .3 | | 0.027 | 0.012 | 0.160 | 0.740 | 0.005 | 0.160 | | | | |
| 02 02 76 1255 | | | .3 | | 0.030 | 0.011 | 0.180 | 0.820 | 0.006 | 0.190 | | | | |
| 03 03 76 1155 | | | .3 | | 0.028 | 0.010 | 0.134 | 0.760 | 0.007 | 0.228 | | | | |
| 12 04 76 1100 | | | .3 | | 0.029 | 0.004 | 0.002L | 0.55 | 0.004 | 0.016 | | | | |
| 03 05 76 1145 | | | .3 | | 0.026 | 0.002 | 0.002L | 0.770 | 0.004 | 0.005L | | | | |
| 01 06 76 1125 | | | .3 | | 0.030 | 0.008 | 0.006 | 0.820 | 0.004 | 0.006 | 211.0 | 6.3 | | |
| 05 07 76 1110 | | | .3 | | 0.030 | 0.016 | 0.006 | 0.720 | 0.006 | 0.033 | | | | |
| 10 08 76 1120 | | | .3 | | 0.056 | 0.014 | 0.018 | 1.080 | 0.004 | 0.005L | | | | |
| 07 09 76 1225 | | | .3 | | 0.034 | 0.007 | 0.008 | 1.100 | 0.003 | 0.005L | | | | |
| 04 10 76 1155 | | | .3 | | 0.024 | 0.005 | 0.002L | 0.820 | 0.002 | 0.005L | | | | |
| 08 11 76 1200 | | | .3 | | 0.019 | 0.006 | 0.008 | 0.600 | 0.003 | 0.047 | | | | |
| 06 12 76 1215 | | | .3 | | 0.015 | 0.003 | 0.006 | 0.680 | 0.003 | 0.092 | | | | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

0.056 0.016 0.180 1.100 0.007 0.228 211.0 6.3
 0.029 0.008 0.044D 0.788 0.004 0.066D 211.0 6.3
 0.015 0.002 0.002 0.55 0.002 0.005 211.0 6.3

NO OF SAMPLES

12 12 12 12 12 12 1 1

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 05 01 76 1315 | | | .3 | | 520 | 6.00 | 14.5 | | | | | | | |
| 02 02 76 1255 | | | .3 | | 500 | 1.20 | 15.5 | | | | | | | |
| 03 03 76 1155 | | | .3 | | 475 | 1.40 | 15.0 | | | | | | | |
| 12 04 76 1100 | | | .3 | | 250 | 5.5 | 6.4 | | | | | | | |
| 03 05 76 1145 | | | .3 | | 335 | 2.90 | 8.6 | | | | | | | |
| 01 06 76 1125 | | | .3 | | 315 | 2.60 | 7.2 | | | | | | | |
| 05 07 76 1110 | | | .3 | | 404 | 3.80 | 9.0 | | | | | | | |
| 10 08 76 1120 | | | .3 | | 375 | 15.00 | 11.5 | | | | | | | |
| 07 09 76 1225 | | | .3 | | 510 | 6.20 | 11.5 | | | | | | | |
| 04 10 76 1155 | | | .3 | | 470 | 3.50 | 13.0 | | | | | | | |
| 08 11 76 1200 | | | .3 | | 425 | 3.00 | 13.0 | | | | | | | |
| 06 12 76 1215 | | | .3 | | 510 | 2.80 | 15.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

520 15.00 15.5
 424 4.49 11.7
 250 1.20 6.4

NO OF SAMPLES

12 12 12

B.O.W. / SITE: JOCK RIVER
 SAMPLE POINT: AT QUEEN STREET RICHMOND
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STATION ID: 1B-0033-017-02

STORET CODE: 02
 006
 1710

| STN NO | 17 | LAT | LONG | U.T.M. 18 0434550.0 5004100.0 4 | REGION 04 | MILEAGE | 27.50 | | | | | | | | | | |
|------------|-----------|----------|----------|---------------------------------|--------------------|-----------------------|-------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | F05 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 05 | 01 | 76 | 1330 | | | .3 | | 19007 | 4 | | 150. | 10. | 10. | L | 0.0 | 7.0 | 0.4 |
| 02 | 02 | 76 | 1300 | | | .3 | | 19027 | 4 | | 70. | 20 | 10. | L | 0.0 | 5.0 | 0.8 |
| 03 | 03 | 76 | 1220 | | | .3 | | 19047 | 4 | | 20. | 1. | 4. | | 0.0 | 6.0 | 1.4 |
| 12 | 04 | 76 | 1115 | | | .3 | | 19037 | 6 3 | | 600. | 1. | 76. | | 5.0 | 12.0 | 0.8 |
| 03 | 05 | 76 | 1200 | | | .3 | | 19087 | 6 | | 400. | 28. | 24. | | 12.0 | 9.0 | 1.4 |
| 01 | 06 | 76 | 1140 | | | .3 | | 19107 | 6 | | 600. | | 24. | | 18.0 | 8.0 | 0.8 |
| 05 | 07 | 76 | 1125 | | | .3 | | 19127 | 8 6 | | | | | | 22.0 | 8.0 | 0.8 |
| 10 | 08 | 76 | 1130 | | | .3 | | 19147 | 8 6 | | 1500. | 1. | 12. | | 20.0 | 6.0 | 1.2 |
| 07 | 09 | 76 | 1310 | | | .3 | | 19167 | 8 6 | | 200. | 28. | 16. | | 15.0 | 8.0 | 0.6 |
| 04 | 10 | 76 | 1210 | | | .3 | | 19187 | 6 | | 100. | 4. | 24. | | 13.0 | 9.0 | 0.8 |
| 08 | 11 | 76 | 1220 | | | .3 | | 19207 | 6 | | 90. | 8. | 6. | | 1.0 | 12.0 | 0.8 |
| 06 | 12 | 76 | 1235 | | | .3 | | 19227 | 4 | | 180. | 2. | L | L | 0.0 | 8.0 | 0.6 |
| | | | | | | | | MAXIMUM | | | | 1500. | 28. | 76. | 22.0 | 12.0 | 1.4 |
| | | | | | | | | AVG OR GEOM MN (") | | | | 194.* | 5.* D | 12.* D | 8.8 | 8.2 | 0.9 |
| | | | | | | | | MINIMUM | | | | 20. | 1. | 2. | 0.0 | 5.0 | 0.4 |
| | | | | | | | | NO OF SAMPLES | | | | 11 | 10 | 11 | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO3-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 05 | 01 | 76 | 1330 | | | .3 | | 0.025 | 0.010 | 0.140 | 0.880 | 0.005 | 0.120 | | | | |
| 02 | 02 | 76 | 1300 | | | .3 | | 0.028 | 0.010 | 0.170 | 0.770 | 0.006 | 0.160 | | | | |
| 03 | 03 | 76 | 1220 | | | .3 | | 0.025 | 0.010 | 0.130 | 0.750 | 0.006 | 0.214 | | | | |
| 12 | 04 | 76 | 1115 | | | .3 | | 0.025 | 0.004 | 0.002L | 0.61 | 0.003 | 0.007 | | | | |
| 03 | 05 | 76 | 1200 | | | .3 | | 0.022 | 0.002 | 0.002L | 0.710 | 0.004 | 0.005L | | | | |
| 01 | 06 | 76 | 1140 | | | .3 | | 0.026 | 0.008 | 0.004 | 0.840 | 0.004 | 0.005 | 191.0 | 1.7 | | |
| 05 | 07 | 76 | 1125 | | | .3 | | 0.010 | 0.015 | 0.002 | 0.540 | 0.006 | 0.005L | | | | |
| 10 | 08 | 76 | 1130 | | | .3 | | 0.028 | 0.004 | 0.008 | 1.040 | 0.003 | 0.005L | | | | |
| 07 | 09 | 76 | 1310 | | | .3 | | 0.016 | 0.001 | 0.002L | 1.020 | 0.003 | 0.005L | | | | |
| 04 | 10 | 76 | 1210 | | | .3 | | 0.020 | 0.003 | 0.002L | 0.860 | 0.003 | 0.005L | | | | |
| 08 | 11 | 76 | 1220 | | | .3 | | 0.011 | 0.004 | 0.002L | 0.490 | 0.003 | 0.007 | | | | |
| 06 | 12 | 76 | 1235 | | | .3 | | 0.010 | 0.002 | 0.006 | 0.760 | 0.003 | 0.067 | | | | |
| | | | | | | | | MAXIMUM | | | | 0.028 | 0.015 | 0.170 | 1.040 | 0.006 | 0.214 |
| | | | | | | | | AVG OR GEOM MN (") | | | | 0.021 | 0.006 | 0.0390 | 0.773 | 0.004 | 0.0500 |
| | | | | | | | | MINIMUM | | | | 0.010 | 0.001 | 0.002 | 0.490 | 0.003 | 0.005 |
| | | | | | | | | NO OF SAMPLES | | | | 12 | 12 | 12 | 1 | 1 | |
| SAMP DY | DTE MO | HR YR | LT MT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 05 | 01 | 76 | 1330 | | | .3 | | 500 | 2.40 | 9.7 | | | | | | | |
| 02 | 02 | 76 | 1300 | | | .3 | | 530 | 1.00 | 23.0 | | | | | | | |
| 03 | 03 | 76 | 1220 | | | .3 | | 470 | 1.10 | 13.5 | | | | | | | |
| 12 | 04 | 76 | 1115 | | | .3 | | 240 | 2.3 | 6.0 | | | | | | | |
| 03 | 05 | 76 | 1200 | | | .3 | | 315 | 1.60 | 7.0 | | | | | | | |
| 01 | 06 | 76 | 1140 | | | .3 | | 290 | 0.95 | 5.5 | | | | | | | |
| 05 | 07 | 76 | 1125 | | | .3 | | 393 | 1.80 | 8.0 | | | | | | | |
| 10 | 08 | 76 | 1130 | | | .3 | | 349 | 2.00 | 7.5 | | | | | | | |
| 07 | 09 | 76 | 1310 | | | .3 | | 390 | 0.82 | 9.2 | | | | | | | |
| 04 | 10 | 76 | 1210 | | | .3 | | 450 | 1.20 | 11.5 | | | | | | | |
| 08 | 11 | 76 | 1220 | | | .3 | | 385 | 1.40 | 9.1 | | | | | | | |
| 06 | 12 | 76 | 1235 | | | .3 | | 520 | 2.60 | 13.0 | | | | | | | |
| | | | | | | | | MAXIMUM | | | | 530 | 2.60 | 23.0 | | | |
| | | | | | | | | AVG OR GEOM MN (") | | | | 403 | 1.60 | 10.3 | | | |
| | | | | | | | | MINIMUM | | | | 240 | 0.82 | 5.5 | | | |
| | | | | | | | | NO OF SAMPLES | | | | 12 | 12 | 12 | | | |

B.O.W. / SITE: RIDEAU RIVER
SAMPLE POINT: AT BURRITT RAPIDS BRIDGE
STATION TYPE: RIVER

STATION ID: 18-0033-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

| STN NO | | 18 | LAT | | LONG | | U.T.M. 18 0437075.0 4981100.0 4 | | | | REGION 04 | | MILEAGE | 42.00 | | |
|---------|--------|-------|----------|---------|------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 05 | 01 | 76 | 1420 | | .3 | | 19008 | 4 | | 930. | 240. | 30. | | 0.0 | 12.0 | 1.0 |
| 02 | 02 | 76 | 1345 | | .3 | | 19028 | 6 | | 970. | 300. | 40. | | 0.0 | 11.0 | 0.8 |
| 03 | 03 | 76 | 1315 | | .3 | | 19048 | | | 610. | 70. | 40. | | 0.0 | 12.0 | 1.4 |
| 12 | 04 | 76 | 1400 | | .3 | | 19068 | 6 3 | | 400. | 1. | 1. | | 5.0 | 12.0 | 1.2 |
| 03 | 05 | 76 | 0750 | | .3 | | 19088 | 6 | | 1000. | 4. | 1. | | 12.0 | 8.0 | 1.6 |
| 01 | 06 | 76 | 1230 | | .3 | | 19108 | 6 | | 500. | | 1. | | 17.0 | 9.0 | 1.2 |
| 05 | 07 | 76 | 1215 | | .3 | | 19128 | 8 5 | | 200. | | 1. | | 22.0 | 9.0 | 1.6 |
| 10 | 08 | 76 | 1215 | | .3 | | 19148 | 8 5 | | 80. | 1. | 8. | | 20.0 | 9.0 | 1.0 |
| 07 | 09 | 76 | 1400 | | .3 | | 19168 | 8 6 | | 90. | 2. | 1. | | 18.0 | 10.0 | 0.8 |
| 04 | 10 | 76 | 1300 | | .3 | | 19188 | 6 | | 16. | 4. | 346. | | 13.0 | 11.0 | 0.8 |
| 08 | 11 | 76 | 1310 | | .3 | | 19208 | 6 | | 70. | 4. | 1. | | 1.0 | 12.0 | 0.6 |
| 06 | 12 | 76 | 1320 | | .3 | | 19228 | 6 | | 140. | 4. | 2. L | | 0.0 | 10.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 05 | 01 | 76 | 1420 | | .3 | | 0.022 | 0.006 | 0.110 | 0.640 | 0.004 | 0.100 | | | | |
| 02 | 02 | 76 | 1345 | | .3 | | 0.033 | 0.010 | 0.220 | 0.740 | 0.003 | 0.120 | | | | |
| 03 | 03 | 76 | 1315 | | .3 | | 0.032 | 0.004 | 0.104 | 0.660 | 0.006 | 0.285 | | | | |
| 12 | 04 | 76 | 1400 | | .3 | | 0.038 | 0.001 | 0.002L | 0.57 | 0.002 | 0.003 | | | | |
| 03 | 05 | 76 | 0750 | | .3 | | 0.048 | 0.002 | 0.002L | 0.750 | 0.002 | 0.005L | | | | |
| 01 | 06 | 76 | 1230 | | .3 | | 0.038 | 0.007 | 0.020 | 0.720 | 0.003 | 0.005L | 158.0 | 5.2 | | |
| 05 | 07 | 76 | 1215 | | .3 | | 0.089 | 0.011 | 0.012 | 1.08 | 0.004 | 0.005L | | | | |
| 10 | 08 | 76 | 1215 | | .3 | | 0.038 | 0.011 | 0.020 | 0.630 | 0.005 | 0.025 | | | | |
| 07 | 09 | 76 | 1400 | | .3 | | 0.028 | 0.006 | 0.006 | 0.550 | 0.002 | 0.005L | | | | |
| 04 | 10 | 76 | 1300 | | .3 | | 0.024 | 0.003 | 0.006 | 0.550 | 0.002 | 0.005L | | | | |
| 08 | 11 | 76 | 1310 | | .3 | | 0.019 | 0.003 | 0.006 | 0.490 | 0.003 | 0.027 | | | | |
| 06 | 12 | 76 | 1320 | | .3 | | 0.014 | 0.004 | 0.022 | 0.540 | 0.002 | 0.028 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 05 | 01 | 76 | 1420 | | .3 | | 300 | 1.90 | 6.9 | | | | | | | |
| 02 | 02 | 76 | 1345 | | .3 | | 310 | 1.20 | 9.0 | | | | | | | |
| 03 | 03 | 76 | 1315 | | .3 | | 290 | 2.30 | 8.2 | | | | | | | |
| 12 | 04 | 76 | 1400 | | .3 | | 185 | 3.8 | 4.3 | | | | | | | |
| 03 | 05 | 76 | 0750 | | .3 | | 235 | 3.90 | 5.1 | | | | | | | |
| 01 | 06 | 76 | 1230 | | .3 | | 235 | 2.10 | 5.6 | | | | | | | |
| 05 | 07 | 76 | 1215 | | .3 | | 214 | 4.1 | 5.3 | | | | | | | |
| 10 | 08 | 76 | 1215 | | .3 | | 195 | 2.40 | 5.8 | | | | | | | |
| 07 | 09 | 76 | 1400 | | .3 | | 200 | 1.40 | 5.0 | | | | | | | |
| 04 | 10 | 76 | 1300 | | .3 | | 215 | 1.20 | 4.9 | | | | | | | |
| 08 | 11 | 76 | 1310 | | .3 | | 285 | 1.80 | 7.6 | | | | | | | |
| 06 | 12 | 76 | 1320 | | .3 | | 330 | 1.60 | 8.1 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: RIDEAU RIVER
 SAMPLE POINT: AT BRIDGE IN RIDEAU FERRY
 STATION TYPE: RIVER

STATION ID: 18-0033-019-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | 19 | LAT | LONG | U.T.M. | 18 0409850.0 4966400.0 4 | REGION 04 | MILEAGE | 69.10 | | | | | | |
|---------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|--------|--------|----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | EOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 06 01 76 0955 | | | .3 | | 19012 | 4 | | 900. | | 1. | | 0.0 | 11.0 | 1.8 |
| 03 02 76 0940 | | | .3 | | 19032 | 4 | | 10. | 1. | 1. | | 0.0 | 12.0 | 1.4 |
| 02 03 76 0900 | | | .3 | | 19052 | 4 | | 30. | 1. | 1. | | 0.0 | 8.0 | 2.0 |
| 13 04 76 0740 | | | .3 | | 19072 | 6 3 | | 50. | 1. | 1. | | 4.0 | 12.0 | 0.8 |
| 04 05 76 0810 | | | .3 | | 19092 | 6 | | 100. | 1. | 1. | | 9.0 | 10.0 | 1.0 |
| 02 06 76 0845 | | | .3 | | 19112 | 6 | | 160. | | 20. | | 16.0 | 69.0 | 1.0 |
| 07 07 76 1200 | | | .3 | | 19132 | | | 100. L | | | | | | 0.6 |
| 04 08 76 0800 | | | .3 | | 19152 | 8 5 | | 1000. | | 20. | | 19.0 | 9.0 | 0.8 |
| 08 09 76 0830 | | | .3 | | 19172 | 8 6 | | 30. | 1. | 1. | | 18.0 | 8.0 | 0.8 |
| 05 10 76 0900 | | | .3 | | 19192 | 6 | | 40. | 1. | 0. | | 14.0 | 9.0 | 1.0 |
| 09 11 76 0830 | | | .3 | | 19212 | 6 | | 10. L | 1. | 1. | | 1.0 | 10.0 | 0.7 |
| 07 12 76 0930 | | | .3 | | 19232 | 4 | | 30. | 2. L | 2. L | | 0.0 | 12.0 | 1.0 |
| | | | | | MAXIMUM | | | 1000. | 2. | 20. | | 19.0 | 69.0 | 2.0 |
| | | | | | AVG OR GEOM MN (*) | | | 67.* D | 1.* D | 2.* D | | 7.4 | 15.5 | 1.1 |
| | | | | | MINIMUM | | | 10. | 1. | 0. | | 0.0 | 8.0 | 0.6 |
| | | | | | NO OF SAMPLES | | | 12 | 8 | 11 | | 11 | 11 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 06 01 76 0955 | | | .3 | | 6.800 | 6.800 | 4.300 | 6.000 | 0.003 | 0.030 | | | | |
| 03 02 76 0940 | | | .3 | | 0.017 | 0.002 | 0.010 | 0.460 | 0.002 | 0.080 | | | | |
| 02 03 76 0900 | | | .3 | | 0.024 | 0.005 | 0.080 | 0.500 | 0.008 | 0.177 | | | | |
| 13 04 76 0740 | | | .3 | | 0.017 | 0.001 | 0.008 | 0.380 | 0.003 | 0.042 | | | | |
| 04 05 76 0810 | | | .3 | | 0.018 | 0.001 | 0.010 | 0.400 | 0.001 | 0.005L | | | | |
| 02 06 76 0845 | | | .3 | | 0.025 | 0.001L | 0.002 | 0.480 | 0.001 | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.011 | 0.002 | 0.004 | 0.31 | 0.001 | 0.005L | | | | |
| 04 08 76 0800 | | | .3 | | 0.017 | 0.001L | 0.002 | 0.440 | 0.001 | 0.005L | | | | |
| 08 09 76 0830 | | | .3 | | 0.017 | 0.001 | 0.018 | 0.460 | 0.001L | 0.005L | | | | |
| 05 10 76 0900 | | | .3 | | 0.017 | 0.004 | 0.038 | 0.500 | 0.003 | 0.062 | | | | |
| 09 11 76 0830 | | | .3 | | 0.015 | 0.004 | 0.016 | 0.490 | 0.001 | 0.009 | | | | |
| 07 12 76 0930 | | | .3 | | 0.025 | 0.001 | 0.004 | 0.400 | 0.001 | 0.029 | | | | |
| | | | | | MAXIMUM | | 6.800 | 6.000 | 0.008 | 0.177 | | | | |
| | | | | | AVG OR GEOM MN (*) | | 0.584 | 0.902 | 0.0020 | 0.0380 | | | | |
| | | | | | MINIMUM | | 0.011 | 0.31 | 0.001 | 0.005 | | | | |
| | | | | | NO OF SAMPLES | | 12 | 12 | 12 | 12 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 06 01 76 0955 | | | .3 | | 365 | 1.40 | 35.0 | | | | | | | |
| 03 02 76 0940 | | | .3 | | 265 | 0.65 | 4.8 | | | | | | | |
| 02 03 76 0900 | | | .3 | | 250 | 1.10 | 11.0 | | | | | | | |
| 13 04 76 0740 | | | .3 | | 200 | 0.95 | 4.3 | | | | | | | |
| 04 05 76 0810 | | | .3 | | 210 | 1.60 | 4.1 | | | | | | | |
| 02 06 76 0845 | | | .3 | | 200 | 1.90 | 4.3 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 205 | 1.3 | 4.2 | | | | | | | |
| 04 08 76 0800 | | | .3 | | 207 | 1.40 | 4.1 | | | | | | | |
| 08 09 76 0830 | | | .3 | | 215 | 1.40 | 4.0 | | | | | | | |
| 05 10 76 0900 | | | .3 | | 205 | 1.20 | 4.0 | | | | | | | |
| 09 11 76 0830 | | | .3 | | 215 | 1.60 | 4.4 | | | | | | | |
| 07 12 76 0930 | | | .3 | | 265 | 0.90 | 25.5 | | | | | | | |
| | | | | | MAXIMUM | | 365 | 1.90 | 35.0 | | | | | |
| | | | | | AVG OR GEOM MN (*) | | 234 | 1.28 | 9.1 | | | | | |
| | | | | | MINIMUM | | 200 | 0.65 | 4.0 | | | | | |
| | | | | | NO OF SAMPLES | | 12 | 12 | 12 | | | | | |

B.O.W./ SITE: RIDEAU RIVER
 SAMPLE POINT: AT ROCKY NARROWS RIDEAU LAKE
 STATION TYPE: RIVER

STATION ID: 18-0033-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | | 20 | LAT | | LONG | | U.T.M. 18 0405050.0 4960350.0 4 | | | | REGION 04 | | MILEAGE | 74.60 | | | |
|------------|-----------|------------|-------------|---------------------|------------|-----------------------|---------------------------------|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HOUR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 07 | 01 | 76 | 1600 | | | .3 | | 19019 | 4 | | 10. L | 1. | 10. L | | 0.0 | 12.0 | 1.6 |
| 03 | 02 | 76 | 1010 | | | .3 | | 19039 | 4 | | 8. | 1. | 16. | | 0.0 | 13.0 | 1.6 |
| 02 | 03 | 76 | 0935 | | | .3 | | 19059 | 4 | | 1. | 1. | 4. | | 0.0 | 12.0 | 3.2 |
| 13 | 04 | 76 | 1430 | | | .3 | | 19079 | 6 3 | | 8. | 1. | 1. | | 4.0 | 11.0 | 0.2 |
| 04 | 05 | 76 | 1415 | | | .3 | | 19099 | 6 | | 10. | 1. | 1. | | 9.0 | 9.0 | 1.0 |
| 02 | 06 | 76 | 1420 | | | .3 | | 19119 | 6 | | 10. | 1. | 1. | | 15.0 | 10.0 | 0.6 |
| 07 | 07 | 76 | 1200 | | | .3 | | 19139 | | | 100. L | | 4. | | | | 1.6 |
| 04 | 08 | 76 | 1410 | | | .3 | | 19159 | 5 8 | | 700. | | 4. | | 19.0 | 9.0 | 0.8 |
| 08 | 09 | 76 | 1415 | | | .3 | | 19179 | 8 6 | | 20. | 1. | 1. | | 18.0 | 9.0 | 0.6 |
| 05 | 10 | 76 | 1430 | | | .3 | | 19199 | 6 | | 400. | 1. | 0. | | 14.0 | 10.0 | 0.8 |
| 09 | 11 | 76 | 1420 | | | .3 | | 19219 | 6 | | 10. L | 1. | 1. | | 1.0 | 10.0 | 0.3 |
| 07 | 12 | 76 | 1545 | | | .3 | | 19239 | 4 | | 4. L | 2. L | 2. L | | 0.0 | 10.0 | 0.6 |

MAXIMUM
 AVG OR GEOM MN (%)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 07 01 76 1600 | | | .3 | | 0.012 | 0.003 | 0.010 | 0.440 | 0.002 | 0.090 | | | | |
| 03 02 76 1010 | | | .3 | | 0.038 | 0.001 | 0.010L | 0.630 | 0.002 | 0.060 | | | | |
| 02 03 76 0935 | | | .3 | | 0.065 | 0.003 | 0.032 | 0.740 | 0.004 | 0.266 | | | | |
| 13 04 76 1430 | | | .3 | | 0.012 | 0.001 | 0.004 | 0.290 | 0.001 | 0.064 | | | | |
| 04 05 76 1415 | | | .3 | | 0.016 | 0.001 | 0.004 | 0.370 | 0.001 | 0.029 | | | | |
| 02 06 76 1420 | | | .3 | | 0.012 | 0.001 | 0.002 | 0.330 | 0.001 | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.013 | 0.001 | 0.008 | 0.56 | 0.001 | 0.005L | | | | |
| 04 08 76 1410 | | | .3 | | 0.019 | 0.001 | 0.002 | 0.410 | 0.001L | 0.005L | | | | |
| 08 09 76 1415 | | | .3 | | 0.016 | 0.001 | 0.002 | 0.400 | 0.001L | 0.005L | | | | |
| 05 10 76 1430 | | | .3 | | 0.013 | 0.004 | 0.002 | 0.420 | 0.001 | 0.005L | | | | |
| 09 11 76 1420 | | | .3 | | 0.016 | 0.002 | 0.004 | 0.440 | 0.001 | 0.014 | | | | |
| 07 12 76 1545 | | | .3 | | 0.013 | 0.001 | 0.002 | 0.370 | 0.001 | 0.014 | | | | |

MAXIMUM
 AVG OR GEOM MN (%)
 MINIMUM

NO OF SAMPLES

| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMMS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|---------------|---------|-----------------|----|-------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 07 01 76 1600 | | | .3 | | 250 | 0.60 | 4.8 | | | | | | | |
| 03 02 76 1010 | | | .3 | | 240 | 0.95 | 4.9 | | | | | | | |
| 02 03 76 0935 | | | .3 | | 200 | 1.50 | 3.6 | | | | | | | |
| 13 04 76 1430 | | | .3 | | 210 | 0.75 | 3.8 | | | | | | | |
| 04 05 76 1415 | | | .3 | | 220 | 1.10 | 4.1 | | | | | | | |
| 02 06 76 1420 | | | .3 | | 215 | 1.40 | 4.1 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 208 | 1.5 | 4.8 | | | | | | | |
| 04 08 76 1410 | | | .3 | | 206 | 1.50 | 4.0 | | | | | | | |
| 08 09 76 1415 | | | .3 | | 210 | 1.20 | 4.0 | | | | | | | |
| 05 10 76 1430 | | | .3 | | 215 | 1.00 | 4.0 | | | | | | | |
| 09 11 76 1420 | | | .3 | | 215 | 3.60 | 4.0 | | | | | | | |
| 07 12 76 1545 | | | .3 | | 235 | 0.70 | 4.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (%)
 MINIMUM

NO OF SAMPLES

B.O.W./ SITE: TAY RIVER
 SAMPLE POINT: AT DAM IN BOLINGBROKE
 STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-023-02

STOPT CODE: 02
 006
 1710

STN NO 23 LAT LONG U.T.M. 18 Q379700.0 4957200.0 4 REGION 04 MILEAGE 94.20

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 91 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|---------------|----------|---------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| 07 01 76 1230 | | | .3 | | 19015 | 6 | | 10. | 1. | 10. | | 0.0 | 12.0 | 1.0 |
| 03 02 76 1340 | | | .3 | | 19035 | 6 | | 1. | 4. | 4. | | 0.0 | 11.0 | 1.0 |
| 02 03 76 1400 | | | .3 | | 19035 | | | 12. | 1. | 4. | | 0.0 | 12.0 | 0.6 |
| 13 04 76 1000 | | | .3 | | 19075 | 6 3 | | 16. | 8. | 1. | | 4.0 | 11.0 | 0.6 |
| 04 05 76 1015 | | | .3 | | 19055 | 6 | | 64. | 4. | 1. | | 10.0 | 9.0 | 1.4 |
| 02 06 76 1030 | | | .3 | | 19115 | 6 | | 20. | | 4. | | 16.0 | 9.0 | 0.8 |
| 07 07 76 1200 | | | .3 | | 19135 | | | 100. L | | 8. | | | | 0.6 |
| 04 08 76 1020 | | | .3 | | 19155 | 6 | | 100. | | 4. | | 19.0 | 9.0 | 0.6 |
| 08 09 76 1050 | | | .3 | | 19175 | 6 | | 10. | 1. | 2. | | 18.0 | 9.0 | 0.6 |
| 05 10 76 1030 | | | .3 | | 19195 | 6 | | 10. | 1. | 0. | | 14.0 | 11.0 | 1.0 |
| 09 11 76 1100 | | | .3 | | 19215 | 6 | | 24. | 10. | 8. | | 1.0 | 9.0 | 0.6 |
| 07 12 76 1135 | | | .3 | | 19235 | 6 | | 30. | 2. L | 2. L | | 0.0 | 12.0 | 0.6 |

MAXIMUM 100. 10. 10. 19.0 12.0 1.4
 AVG OR GEOM MN () 19. * D 2. * D 3. * D 7.5 10.4 0.8
 MINIMUM 1. 1. 0. 0.0 9.0 0.6

NO OF SAMPLES 12 9 12 11 11 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 07 01 76 1230 | | | .3 | | 0.015 | 0.003 | 0.020 | 0.480 | 0.002 | 0.010 | | | | |
| 03 02 76 1340 | | | .3 | | 0.021 | 0.002 | 0.020 | 0.520 | 0.003 | 0.010L | | | | |
| 02 03 76 1400 | | | .3 | | 0.015 | 0.004 | 0.012 | 0.390 | 0.002 | 0.043 | | | | |
| 13 04 76 1000 | | | .3 | | 0.015 | 0.001 | 0.004 | 0.400 | 0.002 | 0.053 | | | | |
| 04 05 76 1015 | | | .3 | | 0.018 | 0.002 | 0.002 | 0.470 | 0.002 | 0.005L | | | | |
| 02 06 76 1030 | | | .3 | | 0.017 | 0.003 | 0.014 | 0.400 | 0.001 | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.012 | 0.001 | 0.006 | 0.38 | 0.001 | 0.005L | | | | |
| 04 08 76 1020 | | | .3 | | 0.011 | 0.001 | 0.006 | 0.380 | 0.001 | 0.005L | | | | |
| 08 09 76 1050 | | | .3 | | 0.015 | 0.001 | 0.008 | 0.420 | 0.001L | 0.005L | | | | |
| 05 10 76 1030 | | | .3 | | 0.017 | 0.002 | 0.004 | 0.490 | 0.001 | 0.005L | | | | |
| 09 11 76 1100 | | | .3 | | 0.021 | 0.003 | 0.008 | 0.390 | 0.001 | 0.005L | | | | |
| 07 12 76 1135 | | | .3 | | 0.015 | 0.003 | 0.012 | 0.340 | 0.001 | 0.009 | | | | |

MAXIMUM 0.021 0.004 0.020 0.520 0.003 0.053
 AVG OR GEOM MN () 0.016 0.002 0.010 0.422 0.002D 0.013D
 MINIMUM 0.011 0.001 0.002 0.340 0.001 0.005

NO OF SAMPLES 12 12 12 12 12 12

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 07 01 76 1230 | | | .3 | | 150 | 0.85 | 2.3 | | | | | | | |
| 03 02 76 1340 | | | .3 | | 138 | 0.95 | 2.6 | | | | | | | |
| 02 03 76 1400 | | | .3 | | 145 | 0.85 | 2.5 | | | | | | | |
| 13 04 76 1000 | | | .3 | | 120 | 0.90 | 2.3 | | | | | | | |
| 04 05 76 1015 | | | .3 | | 135 | 1.70 | 2.2 | | | | | | | |
| 02 06 76 1030 | | | .3 | | 135 | 1.10 | 2.1 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 136 | 0.75 | 2.2 | | | | | | | |
| 04 08 76 1020 | | | .3 | | 136 | 1.00 | 2.2 | | | | | | | |
| 08 09 76 1050 | | | .3 | | 135 | 1.20 | 2.6 | | | | | | | |
| 05 10 76 1030 | | | .3 | | 140 | 1.50 | 2.1 | | | | | | | |
| 09 11 76 1100 | | | .3 | | 138 | 1.20 | 2.1 | | | | | | | |
| 07 12 76 1135 | | | .3 | | 140 | 1.00 | 2.3 | | | | | | | |

MAXIMUM 150 1.70 2.6
 AVG OR GEOM MN () 137 1.08 2.3
 MINIMUM 120 0.75 2.1

NO OF SAMPLES 12 12 12

B.O.W./ SITE: CROW LAKE INLET
 SAMPLE POINT: COMMUNITY OF CROW LAKE
 STATION TYPE: RIVER

STATION ID: 18-0033-024-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

| STN NO | 24 | LAT | LONG | U.T.M. 18 0373000.0 4954250.0 4 | REGION 04 | MILEAGE | 99.40 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 07 01 76 1300 | | | .3 | | 19016 | 4 | | 270. | 1. | 50. | | 0.0 | 11.0 | 2.4 |
| 03 02 76 1405 | | | .3 | | 19036 | 4 | | 10. L | 4. | 1. | | 0.0 | 12.0 | 1.6 |
| 02 03 76 1430 | | | .3 | | 19056 | 4 | | 230. | 4. | 24. | | 0.0 | 12.0 | 0.8 |
| 13 04 76 1030 | | | .3 | | 19076 | 6 3 | | 100. | 1. | 324. | | 4.0 | 12.0 | 0.2 |
| 04 05 76 1030 | | | .3 | | 19096 | 6 | | 10. | 1. | 1. | | 10.0 | 10.0 | 1.2 |
| 02 06 76 1045 | | | .3 | | 19116 | 6 | | 8. | | 1. | | 15.0 | 11.0 | 0.6 |
| 07 07 76 1200 | | | .3 | | 19136 | | | 100. L | | 1. | | | | 0.4 |
| 04 08 76 1035 | | | .3 | | 19156 | 8 6 | | 100. | | 1. | | 19.0 | 9.0 | 0.6 |
| 08 09 76 1115 | | | .3 | | 19176 | 6 8 | | 40. | 1. | 1. | | 19.0 | 10.0 | 0.2 |
| 05 10 76 1100 | | | .3 | | 19196 | 6 | | 800. | 1. | 0. | | 14.0 | 10.0 | 0.4 |
| 09 11 76 1120 | | | .3 | | 19216 | 6 | | 10. L | 1. | 1. | | 1.0 | 11.0 | 0.7 |
| 07 12 76 1200 | | | .3 | | 19236 | 4 | | 4. L | 2. L | 2. L | | 0.0 | 11.0 | 0.8 |
| MAXIMUM | | | | | | | | 800. | 4. | 324. | | 19.0 | 12.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | 45.* D | 1.* D | 3.* D | | 7.5 | 10.8 | 0.8 |
| MINIMUM | | | | | | | | 4. | 1. | 0. | | 0.0 | 9.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 12 | 9 | 12 | | 11 | 11 | 12 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 07 01 76 1300 | | | .3 | | 0.032 | 0.006 | 0.010L | 0.390 | 0.003 | 0.090 | | | | |
| 03 02 76 1405 | | | .3 | | 0.037 | 0.001 | 0.010L | 0.490 | 0.002 | 0.120 | | | | |
| 02 03 76 1430 | | | .3 | | 0.008 | 0.003 | 0.008 | 0.210 | 0.002 | 0.178 | | | | |
| 13 04 76 1030 | | | .3 | | 0.014 | 0.001 | 0.004 | 0.290 | 0.001 | 0.079 | | | | |
| 04 05 76 1030 | | | .3 | | 0.016 | 0.002 | 0.002L | 0.360 | 0.002 | 0.018 | | | | |
| 02 06 76 1045 | | | .3 | | 0.010 | 0.001L | 0.006 | 0.300 | 0.001L | 0.005L | | | | |
| 07 07 76 1200 | | | .3 | | 0.007 | 0.001 | 0.004 | 0.27 | 0.001 | 0.005L | | | | |
| 04 08 76 1035 | | | .3 | | 0.009 | 0.001 | 0.002L | 0.290 | 0.001L | 0.005L | | | | |
| 08 09 76 1115 | | | .3 | | 0.012 | 0.001 | 0.002L | 0.290 | 0.001L | 0.005L | | | | |
| 05 10 76 1100 | | | .3 | | 0.011 | 0.001 | 0.006 | 0.320 | 0.001 | 0.005L | | | | |
| 09 11 76 1120 | | | .3 | | 0.052 | 0.002 | 0.006 | 0.600 | 0.001 | 0.005L | | | | |
| 07 12 76 1200 | | | .3 | | 0.013 | 0.001 | 0.006 | 0.300 | 0.001L | 0.005L | | | | |
| MAXIMUM | | | | | 0.052 | 0.006 | 0.010 | 0.600 | 0.003 | 0.178 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.018 | 0.002D | 0.006D | 0.343 | 0.001D | 0.043D | | | | |
| MINIMUM | | | | | 0.007 | 0.001 | 0.002 | 0.210 | 0.001 | 0.005 | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 07 01 76 1300 | | | .3 | | 170 | 3.00 | 4.5 | | | | | | | |
| 03 02 76 1405 | | | .3 | | 170 | 3.50 | 5.3 | | | | | | | |
| 02 03 76 1430 | | | .3 | | 130 | 0.90 | 3.8 | | | | | | | |
| 13 04 76 1030 | | | .3 | | 140 | 1.40 | 2.1 | | | | | | | |
| 04 05 76 1030 | | | .3 | | 140 | 1.40 | 1.8 | | | | | | | |
| 02 06 76 1045 | | | .3 | | 135 | 1.20 | 1.6 | | | | | | | |
| 07 07 76 1200 | | | .3 | | 138 | 0.80 | 1.7 | | | | | | | |
| 04 08 76 1035 | | | .3 | | 139 | 1.30 | 1.6 | | | | | | | |
| 08 09 76 1115 | | | .3 | | 140 | 1.00 | 1.6 | | | | | | | |
| 05 10 76 1100 | | | .3 | | 142 | 1.20 | 1.5 | | | | | | | |
| 09 11 76 1120 | | | .3 | | 165 | 5.00 | 2.2 | | | | | | | |
| 07 12 76 1200 | | | .3 | | 160 | 1.00 | 1.9 | | | | | | | |
| MAXIMUM | | | | | 170 | 5.00 | 5.3 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 147 | 1.81 | 2.5 | | | | | | | |
| MINIMUM | | | | | 130 | 0.80 | 1.5 | | | | | | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W./ SITE: BOBS LAKE
SAMPLE POINT: END OF ROAD TO TIMMERMAN'S ISLAND
STATION TYPE: LAKE

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STATION ID 18 0033-025-01

STORET CODE: 02
006
1710

| STN NO | 25 | LAT | LONG | U.T.M. 18 0375175.0 4949400.0 4 | | | | | REGION 04 | | MILEAGE 102.00 | | | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|-----------|----------|----------------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | ROD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 07 01 76 1410 | | | .3 | | 19017 | 4 | | 10. L | 1. L | 10. L | | 0.0 | 13.0 | 2.2 |
| 03 02 76 1250 | | | .3 | | 19037 | 4 | | 1. L | 1. L | 4. L | | 0.0 | 12.0 | 2.2 |
| 02 03 76 1245 | | | .3 | | 19057 | 4 | | 1. L | 1. L | 1. L | | 0.0 | 12.0 | 1.6 |
| 13 04 76 1145 | | | .3 | | 19077 | 6 3 | | 16. L | 1. L | 1. L | | 4.0 | 11.0 | 0.4 |
| 04 05 76 1115 | | | .3 | | 19097 | 6 | | 4. L | 1. L | 1. L | | 8.0 | 11.0 | 1.2 |
| 02 06 76 1135 | | | .3 | | 19117 | 6 | | 36. L | | 1. L | | 15.0 | 9.0 | 0.6 |
| 07 07 76 1135 | | | .3 | | 19137 | | | 100. G | | | | | | 0.6 |
| 04 08 76 1130 | | | .3 | | 19157 | 6 | | 100. L | | 1. L | | 19.0 | 9.0 | 1.2 |
| 08 09 76 1210 | | | .3 | | 19177 | 6 | | 40. L | 1. L | 2. L | | 18.0 | 9.0 | 0.6 |
| 05 10 76 1200 | | | .3 | | 19197 | 6 | | 100. L | 1. L | 0. L | | 14.0 | 10.0 | 1.0 |
| 09 11 76 1210 | | | .3 | | 19217 | 6 | | 10. L | 1. L | 1. L | | 1.0 | 11.0 | 0.6 |
| 07 12 76 1325 | | | .3 | | 19237 | 4 | | 4. L | 2. L | 2. L | | 0.0 | 12.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

100. L
14. * E
1. L

19.0
7.2
0.0

13.0
10.8
9.0

2.2
1.1
0.4

NO OF SAMPLES

12 9 11

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|----------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 07 01 76 1410 | | | .3 | 0.026 | 0.003 | 0.010 | 0.580 | 0.002 | 0.010L | | | | |
| 03 02 76 1250 | | | .3 | 0.033 | 0.001 | 0.030 | 0.910 | 0.003 | 0.130 | | | | |
| 02 03 76 1245 | | | .3 | 0.012 | 0.001 | 0.042 | 0.450 | 0.003 | 0.232 | | | | |
| 13 04 76 1145 | | | .3 | 0.015 | 0.001 | 0.004 | 0.450 | 0.003 | 0.107 | | | | |
| 04 05 76 1115 | | | .3 | 0.016 | 0.002 | 0.002L | 0.460 | 0.002 | 0.033 | | | | |
| 02 06 76 1135 | | | .3 | 0.011 | 0.001L | 0.010 | 0.390 | 0.001 | 0.005L | | | | |
| 07 07 76 1135 | | | .3 | 0.007 | 0.001 | 0.004 | 0.37 | 0.001 | 0.005L | | | | |
| 04 08 76 1130 | | | .3 | 0.012 | 0.001 | 0.018 | 1.270 | 0.001L | 0.005L | | | | |
| 08 09 76 1210 | | | .3 | 0.013 | 0.001 | 0.002L | 0.400 | 0.001L | 0.005L | | | | |
| 05 10 76 1200 | | | .3 | 0.011 | 0.002 | 0.004 | 0.450 | 0.001 | 0.005L | | | | |
| 09 11 76 1210 | | | .3 | 0.021 | 0.003 | 0.004 | 0.570 | 0.001 | 0.005L | | | | |
| 07 12 76 1325 | | | .3 | 0.011 | 0.001 | 0.006 | 0.320 | 0.001L | 0.005L | | | | |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

0.033
0.016
0.007

0.003
0.002D
0.001

0.232
0.046D
0.005

NO OF SAMPLES

12 12 12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|----------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI | | | | MG/L | MG/L |
| 07 01 76 1410 | | | .3 | 144 | 1.40 | 2.7 | | | | | | | |
| 03 02 76 1250 | | | .3 | 150 | 1.80 | 3.3 | | | | | | | |
| 02 03 76 1245 | | | .3 | 135 | 0.85 | 2.6 | | | | | | | |
| 13 04 76 1145 | | | .3 | 110 | 1.10 | 2.3 | | | | | | | |
| 04 05 76 1115 | | | .3 | 130 | 1.50 | 2.4 | | | | | | | |
| 02 06 76 1135 | | | .3 | 140 | 1.20 | 2.4 | | | | | | | |
| 07 07 76 1135 | | | .3 | 131 | 0.65 | 2.4 | | | | | | | |
| 04 08 76 1130 | | | .3 | 139 | 1.30 | 2.4 | | | | | | | |
| 08 09 76 1210 | | | .3 | 135 | 1.00 | 2.2 | | | | | | | |
| 05 10 76 1200 | | | .3 | 135 | 1.60 | 2.2 | | | | | | | |
| 09 11 76 1210 | | | .3 | 138 | 2.00 | 2.1 | | | | | | | |
| 07 12 76 1325 | | | .3 | 140 | 0.70 | 2.2 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

150
136
110

2.00
1.26
0.65

3.3
2.4
2.1

NO OF SAMPLES

12 12 12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN KILMARNOCK
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-026-02

STORET CODE: 02
006
1710

| STN NO | | 26 | LAT | | LONG | | U.T.M. 18 0426750.0 4970650.0 4 | | | | REGION 04 | | MILEAGE | 54.80 | |
|---------------|----|-----|------|------|------|-------|---------------------------------|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | FEET | | MTRS | SAMPLE NO | SCD | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOC |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 05 | 01 | 76 | 1455 | | | .3 | 19010 | 6 | 3800. | 870. | 120. | | 0.0 | 12.0 | 0.8 |
| 02 | 02 | 76 | 1420 | | | .3 | 19030 | 6 | 1100. | 300. | 40. | | 0.0 | 9.0 | 0.6 |
| 03 | 03 | 76 | 1400 | | | .3 | 19050 | | 700. | 140. | 50. | | 0.0 | 11.0 | 1.8 |
| 12 | 04 | 76 | 1500 | | | .3 | 19070 | 6 3 | 800. | 1. | 4. | | 5.0 | 12.0 | 1.2 |
| 03 | 05 | 76 | 1400 | | | .3 | 19090 | 6 | 6000. | 156. | 32. | | 12.0 | 9.0 | 4.6 |
| 01 | 06 | 76 | 1345 | | | .3 | 19110 | 6 | 1100. | | 12. | | 17.0 | 9.0 | 1.2 |
| 05 | 07 | 76 | 1350 | | | .3 | 19130 | 5 | 10. | | 1. | | 23.0 | 11.0 | 0.6 |
| 10 | 08 | 76 | 1345 | | | .3 | 19150 | 5 | 130. | 1. | 1. | | 20.0 | 9.0 | 1.2 |
| 07 | 09 | 76 | 1450 | | | .3 | 19170 | 6 | 100. | 4. | 2. | | 18.0 | 10.0 | 0.8 |
| 04 | 10 | 76 | 1430 | | | .3 | 19190 | 6 | 340. | 4. | 0. | | 13.0 | 12.0 | 0.8 |
| 08 | 11 | 76 | 1445 | | | .3 | 19210 | 6 | 2700. | 18. | 2. | | 1.0 | 11.0 | 1.4 |
| 06 | 12 | 76 | 1445 | | | .3 | 19230 | 6 | 35000. | 1140. | 44. | | 0.0 | 8.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (-)
MINIMUM

35000.
796. *
10.

120.
34. *
0.

23.0
9.1
0.0

12.0
10.3
8.0

4.6
1.3
0.6

NO OF SAMPLES

647 12 10 12

12 12 12

CONT'D

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 | 01 | 76 | 1455 | | | .3 | 0.023 | 0.010 | 0.130 | 0.620 | 0.002 | 0.070 | | | | |
| 02 | 02 | 76 | 1420 | | | .3 | 0.032 | 0.012 | 0.190 | 0.680 | 0.003 | 0.160 | | | | |
| 03 | 03 | 76 | 1400 | | | .3 | 0.033 | 0.007 | 0.138 | 0.680 | 0.004 | 0.230 | | | | |
| 12 | 04 | 76 | 1500 | | | .3 | 0.028 | 0.001 | 0.002L | 0.49 | 0.002 | 0.003 | | | | |
| 03 | 05 | 76 | 1400 | | | .3 | 0.138 | 0.003 | 0.002L | 1.320 | 0.003 | 0.005L | | | | |
| 01 | 06 | 76 | 1345 | | | .3 | 0.052 | 0.014 | 0.020 | 0.700 | 0.003 | 0.005L | 152.0 | 5.5 | | |
| 05 | 07 | 76 | 1350 | | | .3 | 0.028 | 0.015 | 0.016 | 0.56 | 0.003 | 0.005L | | | | |
| 10 | 08 | 76 | 1345 | | | .3 | 0.028 | 0.005 | 0.002L | 0.590 | 0.001 | 0.005L | | | | |
| 07 | 09 | 76 | 1450 | | | .3 | 0.026 | 0.009 | 0.008 | 0.490 | 0.001 | 0.005L | | | | |
| 04 | 10 | 76 | 1430 | | | .3 | 0.031 | 0.006 | 0.002 | 0.560 | 0.001 | 0.005L | | | | |
| 08 | 11 | 76 | 1445 | | | .3 | 0.029 | 0.006 | 0.032 | 0.530 | 0.004 | 0.046 | | | | |
| 06 | 12 | 76 | 1445 | | | .3 | 0.036 | 0.010 | 0.102 | 0.670 | 0.003 | 0.042 | | | | |
| MAXIMUM | | | | | | | 0.138 | 0.015 | 0.190 | 1.320 | 0.004 | 0.230 | 152.0 | 5.5 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.040 | 0.008 | 0.054D | 0.658 | 0.003 | 0.048D | 152.0 | 5.5 | | |
| MINIMUM | | | | | | | 0.023 | 0.001 | 0.002 | 0.49 | 0.001 | 0.003 | 152.0 | 5.5 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 1 | 1 | | |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 05 | 01 | 76 | 1455 | | | .3 | 270 | 2.00 | 6.3 | | | | | | | |
| 02 | 02 | 76 | 1420 | | | .3 | 290 | 1.10 | 8.3 | | | | | | | |
| 03 | 03 | 76 | 1400 | | | .3 | 275 | 1.00 | 8.4 | | | | | | | |
| 12 | 04 | 76 | 1500 | | | .3 | 175 | 2.3 | 4.2 | | | | | | | |
| 03 | 05 | 76 | 1400 | | | .3 | 235 | 18.00 | 5.4 | | | | | | | |
| 01 | 06 | 76 | 1345 | | | .3 | 225 | 2.30 | 5.3 | | | | | | | |
| 05 | 07 | 76 | 1350 | | | .3 | 209 | 1.3 | 5.2 | | | | | | | |
| 10 | 08 | 76 | 1345 | | | .3 | 195 | 1.40 | 5.5 | | | | | | | |
| 07 | 09 | 76 | 1450 | | | .3 | 190 | 0.84 | 4.4 | | | | | | | |
| 04 | 10 | 76 | 1430 | | | .3 | 205 | 1.20 | 5.1 | | | | | | | |
| 08 | 11 | 76 | 1445 | | | .3 | 255 | 2.50 | 7.9 | | | | | | | |
| 06 | 12 | 76 | 1445 | | | .3 | 295 | 2.20 | 8.7 | | | | | | | |
| MAXIMUM | | | | | | | 295 | 18.00 | 8.7 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 235 | 3.01 | 6.2 | | | | | | | |
| MINIMUM | | | | | | | 175 | 0.84 | 4.2 | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: RIDEAU RIVER

SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH JOCK RIVER

STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STATION ID: 18-0033-028-02

STORET CODE: 02
006
1710

| STN NO | | 28 | LAT | | LONG | | U.T.M. 18 0444600.0 5012175.0 4 | | | | REGION 04 | | MILEAGE | | 15.20 | | |
|--------------------|----|--------|---------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | | DTE MO | HOUR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. NPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 | 01 | 76 | 1040 | | | .3 | | 19002 | 4 | | 200. | 10. | 10. | | 0.0 | 12.0 | 3.0 |
| 02 | 02 | 76 | 1050 | | | .3 | | 19022 | 4 | | 400. | 30. | 10. | | 0.0 | 11.0 | 0.4 |
| 03 | 03 | 76 | 0950 | | | .3 | | 19042 | 4 | | 384. | 48. | 60. | | 0.0 | 11.0 | 1.6 |
| 12 | 04 | 76 | 1315 | | | .3 | | 19062 | 6 3 | | 630. | 1. | 20. | | 5.0 | 12.0 | 1.8 |
| 03 | 05 | 76 | 1000 | | | .3 | | 19082 | 6 | | 1300. | 52. | 32. | | 12.0 | 9.0 | 1.4 |
| 01 | 06 | 76 | 0930 | | | .3 | | 19102 | 6 | | 500. | | 8. | | 17.0 | 8.0 | 1.0 |
| 05 | 07 | 76 | 0900 | | | .3 | | 19122 | 5 7 | | 400. | | 20. | | 22.0 | 10.0 | 1.8 |
| 10 | 08 | 76 | 0930 | | | .3 | | 19142 | 5 7 | | 100. | 1. | 12. | | 20.0 | 9.0 | 3.2 |
| 07 | 09 | 76 | 1045 | | | .3 | | 19162 | 5 7 | | 50. | 2. | 6. | | 18.0 | 9.0 | 1.2 |
| 04 | 10 | 76 | 1000 | | | .3 | | 19182 | 6 | | 200. | 8. | 32. | | 13.0 | 9.0 | 1.2 |
| 08 | 11 | 76 | 1000 | | | .3 | | 19202 | 6 | | 170. | 6. | 4. | | 1.0 | 6.0 | 0.8 |
| 06 | 12 | 76 | 0925 | | | .3 | | 19222 | 4 | | 490. | 10. | 2. | | 0.0 | 10.0 | 0.6 |
| MAXIMUM | | | | | | | | | | | 1300. | 52. | 60. | | 22.0 | 12.0 | 3.2 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 294.* | 8.* | 12.* | | 9.0 | 9.7 | 1.5 |
| MINIMUM | | | | | | | | | | | 50. | 1. | 2. | | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 10 | 12 | | 12 | 12 | 12 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 05 | 01 | 76 | 1040 | | | .3 | 0.100 | 0.007 | 0.010L | 1.100 | 0.006 | 0.370 | | | | |
| 02 | 02 | 76 | 1050 | | | .3 | 0.037 | 0.016 | 0.270 | 0.840 | 0.004 | 0.250 | | | | |
| 03 | 03 | 76 | 0950 | | | .3 | 0.033 | 0.009 | 0.134 | 0.770 | 0.007 | 0.323 | | | | |
| 12 | 04 | 76 | 1315 | | | .3 | 0.115 | 0.004 | 0.002L | 0.77 | 0.004 | 0.071 | | | | |
| 03 | 05 | 76 | 1000 | | | .3 | 0.040 | 0.002 | 0.002L | 0.750 | 0.003 | 0.017 | | | | |
| 01 | 06 | 76 | 0930 | | | .3 | 0.030 | 0.005 | 0.026 | 0.660 | 0.003 | 0.005 | 188.0 | 6.1 | | |
| 05 | 07 | 76 | 0900 | | | .3 | 0.066 | 0.026 | 0.044 | 0.880 | 0.014 | 0.181 | | | | |
| 10 | 08 | 76 | 0930 | | | .3 | 0.334 | 0.020 | 0.230 | 13.300 | 0.006 | 0.005L | | | | |
| 07 | 09 | 76 | 1045 | | | .3 | 0.062 | 0.018 | 0.070 | 0.900 | 0.006 | 0.014 | | | | |
| 04 | 10 | 76 | 1000 | | | .3 | 0.048 | 0.005 | 0.022 | 0.980 | 0.003 | 0.012 | | | | |
| 08 | 11 | 76 | 1000 | | | .3 | 0.027 | 0.002 | 0.006 | 0.650 | 0.004 | 0.061 | | | | |
| 06 | 12 | 76 | 0925 | | | .3 | 0.014 | 0.003 | 0.012 | 0.570 | 0.004 | 0.191 | | | | |
| MAXIMUM | | | | | | | 0.334 | 0.026 | 0.270 | 13.300 | 0.014 | 0.370 | 188.0 | 6.1 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.076 | 0.010 | 0.069D | 1.848 | 0.005 | 0.125D | 188.0 | 6.1 | | |
| MINIMUM | | | | | | | 0.014 | 0.002 | 0.002 | 0.570 | 0.003 | 0.005 | 188.0 | 6.1 | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 1 | 1 | | |

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 01 76 1040 | | | .3 | | 375 | 19.00 | 9.5 | | | | | | | |
| 02 02 76 1050 | | | .3 | | 380 | 1.50 | 11.5 | | | | | | | |
| 03 03 76 0950 | | | .3 | | 380 | 2.20 | 12.5 | | | | | | | |
| 12 04 76 1315 | | | .3 | | 240 | 14. | 7.3 | | | | | | | |
| 03 05 76 1000 | | | .3 | | 320 | 3.90 | 10.0 | | | | | | | |
| 01 06 76 0930 | | | .3 | | 280 | 2.40 | 6.6 | | | | | | | |
| 05 07 76 0900 | | | .3 | | 305 | 2.80 | 8.6 | | | | | | | |
| 10 08 76 0930 | | | .3 | | 264 | 5.60 | 8.0 | | | | | | | |
| 07 09 76 1045 | | | .3 | | 260 | 1.80 | 8.1 | | | | | | | |
| 04 10 76 1000 | | | .3 | | 285 | 2.50 | 9.4 | | | | | | | |
| 08 11 76 1000 | | | .3 | | 400 | 3.20 | 14.0 | | | | | | | |
| 06 12 76 0925 | | | .3 | | 500 | 3.80 | 16.5 | | | | | | | |

MAXIMUM 500 19.00 16.5
 AVG OR GEOM MN (") 332 5.23 10.2
 MINIMUM 240 1.50 6.6
 NO OF SAMPLES 12 12 12

B.O.W. / SITE: RIDEAU RIVER
 SAMPLE POINT: AT BRIDGE DOWNSTREAM OF KARS
 STATION TYPE: RIVER

STATION ID: 18-0033-029-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STORET CODE: 02
 006
 1710

STN NO 29 LAT LONG U.T.M. 18 0450150.0 5000900.0 4 REGION 04 MILEAGE 24.20

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 01 76 0910 | | | .3 | | 19001 | 4 | | 1160. | 370. | 30. | | 0.0 | 9.0 | 1.2 |
| 02 02 76 1015 | | | .3 | | 19021 | 4 | | 500. | 92. | 24. | | 0.0 | 9.0 | 0.6 |
| 03 03 76 0900 | | | .3 | | 19041 | 4 | | 390. | 10. L | 20. | | 0.0 | 12.0 | 1.2 |
| 12 04 76 0830 | | | .3 | | 19061 | 6 3 | | 380. | 4. | 4. | | 5.0 | 11.0 | 1.2 |
| 03 05 76 0900 | | | .3 | | 19081 | 6 | | 140. | 1. | 8. | | 12.0 | 10.0 | 0.8 |
| 01 06 76 0820 | | | .3 | | 19101 | 6 | | 200. | | 1. | | 17.0 | 9.0 | 1.2 |
| 05 07 76 0815 | | | .3 | | 19121 | 8 5 | | 50. | | 8. | | 22.0 | 9.0 | 1.6 |
| 10 08 76 0835 | | | .3 | | 19141 | 5 8 | | 10. L | 1. | 1. | | 20.0 | 8.0 | 1.2 |
| 07 09 76 0840 | | | .3 | | 19161 | 6 8 | | 100. | 1. | 6. | | 18.0 | 8.0 | 1.0 |
| 04 10 76 0835 | | | .3 | | 19181 | 6 | | 30. | 2. | 4. | | 13.0 | 9.0 | 1.0 |
| 08 11 76 0930 | | | .3 | | 19201 | 6 | | 80. | 1. | 2. | | 1.0 | 8.0 | 1.0 |
| 06 12 76 0850 | | | .3 | | 19221 | 4 | | 20. | 2. L | 2. L | | 0.0 | 11.0 | 0.8 |

MAXIMUM 1160. 370. 30. 22.0 12.0 1.6
 AVG OR GEOM MN (") 116. * D 5. * D 5. * D 9.0 9.4 1.1
 MINIMUM 10. 1. 1. 0.0 8.0 0.6
 NO OF SAMPLES 12 10 12 12 12 12

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 01 76 0910 | | | .3 | | 0.027 | 0.008 | 0.080 | 0.840 | 0.004 | 0.280 | | | | |
| 02 02 76 1015 | | | .3 | | 0.040 | 0.016 | 0.270 | 0.780 | 0.003 | 0.180 | | | | |
| 03 03 76 0900 | | | .3 | | 0.030 | 0.009 | 0.022 | 32.800 | 0.006 | 0.294 | | | | |
| 12 04 76 0830 | | | .3 | | 0.038 | 0.002 | 0.002L | 0.56 | 0.003 | 0.037 | | | | |
| 03 05 76 0900 | | | .3 | | 0.046 | 0.001 | 0.002L | 0.760 | 0.002 | 0.005L | | | | |
| 01 06 76 0820 | | | .3 | | 0.032 | 0.005 | 0.028 | 0.620 | 0.002 | 0.005 | 173.0 | 3.6 | | |
| 05 07 76 0815 | | | .3 | | 0.084 | 0.021 | 0.064 | 1.100 | 0.003 | 0.005L | | | | |
| 10 08 76 0835 | | | .3 | | 0.058 | 0.029 | 0.140 | 1.400 | 0.004 | 0.061 | | | | |
| 07 09 76 0840 | | | .3 | | 0.042 | 0.015 | 0.032 | 0.740 | 0.004 | 0.006 | | | | |
| 04 10 76 0835 | | | .3 | | 0.033 | 0.005 | 0.010 | 0.590 | 0.004 | 0.005L | | | | |
| 08 11 76 0930 | | | .3 | | 0.024 | 0.002 | 0.004 | 0.550 | 0.003 | 0.017 | | | | |
| 06 12 76 0850 | | | .3 | | 0.018 | 0.002 | 0.008 | 0.510 | 0.003 | 0.067 | | | | |

MAXIMUM 0.084 0.029 0.270 32.800 0.064 0.294 173.0 3.6
 AVG OR GEOM MN (") 0.039 0.010 0.055D 3.438 0.008 0.080D 173.0 3.6
 MINIMUM 0.018 0.001 0.002 0.510 0.002 0.005 173.0 3.6
 NO OF SAMPLES 12 12 12 12 12 1 1

| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|-------------------------------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 01 76 0910 | | | .3 | | 350 | 2.40 | 8.3 | | | | | | | |
| 02 02 76 1015 | | | .3 | | 330 | 1.40 | 9.1 | | | | | | | |
| 03 03 76 0900 | | | .3 | | 325 | 1.60 | 9.6 | | | | | | | |
| 12 04 76 0830 | | | .3 | | 200 | 3.5 | 4.9 | | | | | | | |
| 03 05 76 0900 | | | .3 | | 255 | 2.80 | 6.5 | | | | | | | |
| 01 06 76 0820 | | | .3 | | 260 | 1.60 | 5.6 | | | | | | | |
| 05 07 76 0815 | | | .3 | | 244 | 3.30 | 6.2 | | | | | | | |
| 10 08 76 0835 | | | .3 | | 252 | 1.90 | 6.6 | | | | | | | |
| 07 09 76 0840 | | | .3 | | 245 | 1.60 | 6.7 | | | | | | | |
| 04 10 76 0835 | | | .3 | | 245 | 1.60 | 6.4 | | | | | | | |
| 08 11 76 0930 | | | .3 | | 320 | 2.20 | 8.8 | | | | | | | |
| 06 12 76 0850 | | | .3 | | 345 | 2.40 | 9.7 | | | | | | | |

MAXIMUM 350 3.5 9.7
 AVG OR GEOM MN (") 281 2.19 7.4
 MINIMUM 200 1.40 4.9
 NO OF SAMPLES 12 12 12

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT HOG'S BACK ROAD OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

| STN NO | | 31 | LAT | | LONG | | U.T.M. 18 0445400.0 5024150.0 4 | | | | REGION 04 | | MILEAGE | | 7.10 | |
|---------|--------|-------|---------------|---------|-----------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 05 | 01 | 76 | 1145 | | .3 | | 19004 | 6 | | 450. | 10. | 10. | L | 0.0 | 11.0 | 1.2 |
| 02 | 02 | 76 | 1140 | | .3 | | 19024 | 6 | | 14800. | 500. | 10. | | 0.0 | 11.0 | 0.2 |
| 03 | 03 | 76 | 1030 | | .3 | | 19044 | | | 360. | 32. | 68. | | 0.0 | 12.0 | 1.2 |
| 12 | 04 | 76 | 1245 | | .3 | | 19064 | 6 3 | | 1800. | 1. | 8. | | 5.0 | 12.0 | 1.0 |
| 03 | 05 | 76 | 1035 | | .3 | | 19084 | 6 | | 200. | 4. | 1. | | 12.0 | 10.0 | 1.2 |
| 01 | 06 | 76 | 1005 | | .3 | | 19104 | 6 | | 500. | | 16. | | 17.0 | 8.0 | 1.2 |
| 05 | 07 | 76 | 0940 | | .3 | | 19124 | 5 | | 500. | | 4. | | 24.0 | 8.0 | 0.8 |
| 10 | 08 | 76 | 1005 | | .3 | | 19144 | 5 | | 100. | 1. | 1. | | 20.0 | 8.0 | 1.2 |
| 07 | 09 | 76 | 1130 | | .3 | | 19164 | 6 | | 100. | 4. | 1. | | 18.0 | 9.0 | 1.2 |
| 04 | 10 | 76 | 1035 | | .3 | | 19184 | 6 | | 300. | 4. | 4. | | 13.0 | 11.0 | 1.2 |
| 08 | 11 | 76 | 1040 | | .3 | | 19204 | 6 | | 200. | 6. | 2. | | 1.0 | 10.0 | 0.8 |
| 06 | 12 | 76 | 1025 | | .3 | | 19224 | 6 | | 50. | 6. | 2. | L | 0.0 | 12.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14800.
369.*
50.

500.
7.*
1.

68.
4.* D
1.

24.0
9.2
0.0

12.0
10.2
8.0

1.2
1.0
0.2

NO OF SAMPLES

12

10

12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 05 | 01 | 76 | 1145 | | .3 | | 0.047 | 0.007 | 0.070 | 0.940 | 0.006 | 0.370 | | | | |
| 02 | 02 | 76 | 1140 | | .3 | | 0.037 | 0.017 | 0.250 | 0.780 | 0.003 | 0.170 | | | | |
| 03 | 03 | 76 | 1030 | | .3 | | 0.035 | 0.010 | 0.138 | 0.680 | 0.007 | 0.343 | | | | |
| 12 | 04 | 76 | 1245 | | .3 | | 0.059 | 0.004 | 0.008 | 0.65 | 0.005 | 0.115 | | | | |
| 03 | 05 | 76 | 1035 | | .3 | | 0.032 | 0.001 | 0.002L | 0.560 | 0.003 | 0.005L | | | | |
| 01 | 06 | 76 | 1005 | | .3 | | 0.037 | 0.005 | 0.024 | 0.680 | 0.003 | 0.005 | 189.0 | 6.7 | | |
| 05 | 07 | 76 | 0940 | | .3 | | 0.066 | 0.026 | 0.040 | 0.840 | 0.010 | 0.161 | | | | |
| 10 | 08 | 76 | 1005 | | .3 | | 0.048 | 0.015 | 0.040 | 0.860 | 0.006 | 0.034 | | | | |
| 07 | 09 | 76 | 1130 | | .3 | | 0.055 | 0.023 | 0.032 | 0.730 | 0.006 | 0.039 | | | | |
| 04 | 10 | 76 | 1035 | | .3 | | 0.046 | 0.008 | 0.010 | 0.710 | 0.006 | 0.039 | | | | |
| 08 | 11 | 76 | 1040 | | .3 | | 0.027 | 0.003 | 0.002L | 0.550 | 0.003 | 0.047 | | | | |
| 06 | 12 | 76 | 1025 | | .3 | | 0.027 | 0.002 | 0.010 | 0.630 | 0.004 | 0.126 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.066
0.043
0.027

0.026
0.010
0.001

0.250
0.0520
0.002

0.940
0.718
0.550

0.010
0.005
0.003

0.370
0.121D
0.005

189.0
189.0
189.0

6.7
6.7
6.7

NO OF SAMPLES

12

12

12

12

12

12

1

1

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 05 | 01 | 76 | 1145 | | .3 | | 385 | 2.10 | 10.0 | | | | | | | |
| 02 | 02 | 76 | 1140 | | .3 | | 365 | 1.50 | 9.7 | | | | | | | |
| 03 | 03 | 76 | 1030 | | .3 | | 335 | 2.40 | 11.0 | | | | | | | |
| 12 | 04 | 76 | 1245 | | .3 | | 230 | 8.7 | 8.9 | | | | | | | |
| 03 | 05 | 76 | 1035 | | .3 | | 290 | 3.50 | 9.2 | | | | | | | |
| 01 | 06 | 76 | 1005 | | .3 | | 280 | 3.80 | 7.0 | | | | | | | |
| 05 | 07 | 76 | 0940 | | .3 | | 304 | 3.70 | 9.6 | | | | | | | |
| 10 | 08 | 76 | 1005 | | .3 | | 270 | 3.30 | 9.1 | | | | | | | |
| 07 | 09 | 76 | 1130 | | .3 | | 260 | 2.40 | 8.9 | | | | | | | |
| 04 | 10 | 76 | 1035 | | .3 | | 300 | 2.20 | 12.5 | | | | | | | |
| 08 | 11 | 76 | 1040 | | .3 | | 365 | 2.50 | 12.5 | | | | | | | |
| 06 | 12 | 76 | 1025 | | .3 | | 400 | 1.60 | 13.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

400
315
230

8.7
3.14
1.50

13.0
10.1
7.0

NO OF SAMPLES

12

12

12

B.O.W. / SITE: RIDEAU RIVER
 SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
 STATION TYPE: RIVER FLOW GAUGE FED 02LA004

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: RIDEAU RIVER

STATION ID: 1B-C033-034-02

STORET CODE: 02
 006
 1710

| STN NO | 34 | LAT | LONG | U.T.M. | 18 | 0446900.0 | 5031525.0 | 4 | REGION 04 | MILEAGE | 1.00 | | | | |
|--------------------|----------|---------|------------|--------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|-----|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L | |
| 04 02 76 1415 | | | .3 | | 17002 | 4 | 1340.00 | 10. | 10. | L | L | 0.0 | 10.0 | 1.4 | |
| 24 03 76 1115 | | | .3 | | 17006 | 3 | 7070.00 | 1400. | 136. | 184. | | 3.0 | 16.0 | 2.1 | |
| 29 04 76 1330 | | | .3 | | 17010 | 6 | 1430.00 | | | | | 13.0 | 18.0 | | |
| 19 05 76 1245 | | | .3 | | 17217 | 6 5 | 1650.00 | 2300. | 190. | 310. | | 9.8 | 10.6 | 0.6 | |
| 15 06 76 1220 | | | .3 | | 17263 | | 460.00 | 1600. | | 40. | | | | 0.2 | |
| 19 07 76 1920 | | | .3 | | 17307 | 5 | 630.00 | 250. | | 16. | | 24.0 | 8.7 | 0.8 | |
| 09 08 76 1830 | | | .3 | | 17349 | 5 | 335.00 | 300. | 1. | 4. | | 20.9 | 6.6 | 0.8 | |
| 14 09 76 1325 | | | .3 | | 17395 | 5 | 308.00 | 1000. | 72. | 4. | | 20.4 | 7.0 | 0.4 | |
| 26 10 76 1240 | | | .3 | | 17443 | | 823.00 | 2900. | 60. | 16. | | 2.5 | | 1.0 | |
| 23 11 76 1300 | | | .3 | | 17482 | | 637.00 | 100. | 1. | 1. | | 1.5 | 12.8 | 2.0 | |
| MAXIMUM | | | | | | | 7070.00 | 2900. | 190. | 310. | | 24.0 | 18.0 | 2.1 | |
| AVG OR GEOM MN (*) | | | | | | | 1468.30 | 470.* | 20.* | D | 17.* | D | 10.6 | 11.2 | 1.0 |
| MINIMUM | | | | | | | 308.00 | 10. | 1. | | 1. | | 0.0 | 6.6 | 0.2 |
| NO OF SAMPLES | | | | | | | 10 | 9 | 7 | 9 | | 9 | 8 | 9 | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L | |
| 04 02 76 1415 | | | .3 | | 0.046 | 0.018 | 0.270 | 0.960 | 0.006 | 0.220 | 245.0 | 3.7 | | 241 | |
| 24 03 76 1115 | | | .3 | | 0.036 | 0.020 | 0.100L | 0.200 | 0.002L | 0.500 | 160.0 | 35.0 | | | |
| 29 04 76 1330 | | | .3 | | | | | | | | | | | | |
| 19 05 76 1245 | | | .3 | | 0.084 | 0.020 | 0.058 | 0.760 | 0.010 | 0.020 | 223.0 | 15.0 | | 208 | |
| 15 06 76 1220 | | | .3 | | 0.054 | 0.022 | 0.040 | 0.680 | 0.012 | 0.063 | 196. | 3.7 | | | |
| 19 07 76 1920 | | | .3 | | 0.068 | 0.029 | 0.016 | 0.800 | 0.016 | 0.114 | 201.0 | 3.0 | | | |
| 09 08 76 1830 | | | .3 | | 0.065 | 0.048 | 0.060 | 0.790 | 0.014 | 0.121 | 202.0 | 6.5 | | | |
| 14 09 76 1325 | | | .3 | | 0.032 | 0.014 | 0.014 | 0.660 | 0.006 | 0.024 | 186.0 | 3.8 | | | |
| 26 10 76 1240 | | | .3 | | 0.042 | 0.005 | 0.004 | 0.700 | 0.005 | 0.165 | 260.0 | 29.0 | | | |
| 23 11 76 1300 | | | .3 | | 0.022 | 0.002 | 0.002 | 0.580 | 0.003 | 0.057 | 240.0 | 5.7 | | | |
| MAXIMUM | | | | | 0.084 | 0.048 | 0.270 | 0.960 | 0.016 | 0.500 | 260.0 | 35.0 | | 241 | |
| AVG OR GEOM MN (*) | | | | | 0.050 | 0.020 | 0.063D | 0.681 | 0.008D | 0.143 | 212.6 | 11.7 | | 225 | |
| MINIMUM | | | | | 0.022 | 0.002 | 0.002 | 0.200 | 0.002 | 0.020 | 160.0 | 3.0 | | 208 | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | 2 | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHQS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L | |
| 04 02 76 1415 | | | .3 | | 370 | 1.50 | 12.0 | | | | 149 | 7.90 | 0.19 | | |
| 24 03 76 1115 | | | .3 | | 265 | 12.00 | 18.0 | | | | 94 | 7.40 | 1.25 | | |
| 29 04 76 1330 | | | .3 | | | | | | | | 124 | | | | |
| 19 05 76 1245 | | | .3 | | 320 | 8.00 | 14.0 | 14.5 | 0.15 | 1.9 | 130 | 8.14 | | 0.600 | |
| 15 06 76 1220 | | | .3 | | 293 | 2.9 | 12. | 12.5 | 0.55 | 1. | 120 | 8.36 | | 0.3 | |
| 19 07 76 1920 | | | .3 | | 303 | 2.10 | 11.0 | 12.0 | 1.60 | 1.5 | 130 | 8.18 | | 0.140 | |
| 09 08 76 1830 | | | .3 | | 300 | 2.50 | 13.5 | 13.0 | 0.65 | 16.0 | 117 | 8.06 | | 0.140 | |
| 14 09 76 1325 | | | .3 | | 280 | 1.80 | 11.0 | 13.0 | 0.85 | 0.3 | 111 | 8.37 | | 0.110 | |
| 26 10 76 1240 | | | .3 | | 355 | 4.20 | 12.5 | 21.5 | 1.00 | | 147 | 8.28 | | 0.340 | |
| 23 11 76 1300 | | | .3 | | 360 | 3.20 | 12.5 | 18.0 | 0.55 | 9.5 | 159 | 8.00 | | 0.310 | |
| MAXIMUM | | | | | 370 | 12.00 | 18.0 | 21.5 | 1.60 | 16.0 | 159 | 8.37 | 1.25 | 0.600 | |
| AVG OR GEOM MN (*) | | | | | 316 | 4.24 | 12.9 | 14.9 | 0.76 | 5.0 | 128 | 8.08 | 0.72 | 0.277 | |
| MINIMUM | | | | | 265 | 1.50 | 11.0 | 12.0 | 0.15 | 0.3 | 94 | 7.40 | 0.19 | 0.110 | |
| NO OF SAMPLES | | | | | 9 | 9 | 9 | 7 | 7 | 7 | 10 | 9 | 2 | 7 | |
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L | |
| 04 02 76 1415 | | | .3 | | 1.0L | 180.0 | | | 30 | | | | | | |
| 24 03 76 1115 | | | .3 | | | 112.0 | | | 50 | | | | | | |
| 29 04 76 1330 | | | .3 | | 1.0L | | | | | | | | | | |
| 19 05 76 1245 | | | .3 | | 1.0L | 151.0 | 41.00 | 11.80 | 40 | 1.45 | 9.00 | | 41 | | |
| 15 06 76 1220 | | | .3 | | 1. L | 141. | 37. | 11.9 | 40 | 1. | 7.4 | | 32 | | |
| 19 07 76 1920 | | | .3 | | 1.0 | 147.0 | 38.00 | 12.60 | 40 | 1.15 | 7.00 | | 24 | | |
| 09 08 76 1830 | | | .3 | | 1.0L | 140.0 | 32.00 | 14.50 | 30 | 1.10 | 8.30 | | 26 | | |
| 14 09 76 1325 | | | .3 | | 1.0L | 134.0 | 33.00 | 12.50 | 30 | 0.70 | 6.80 | | 29 | | |
| 26 10 76 1240 | | | .3 | | 1.0L | 166.0 | 45.00 | 13.00 | 50 | 2.45 | 7.50 | | 37 | | |
| 23 11 76 1300 | | | .3 | | 1.0L | 178.0 | 45.00 | 16.00 | 50 | 1.90 | 6.80 | | 38 | | |
| MAXIMUM | | | | | 1.0 | 180.0 | 45.00 | 16.00 | 50 | 2.45 | 9.00 | | 41 | | |
| AVG OR GEOM MN (*) | | | | | 1.0D | 149.9 | 38.71 | 13.19 | 40 | 1.39 | 7.54 | | 32 | | |
| MINIMUM | | | | | 1.0 | 112.0 | 32.00 | 11.80 | 30 | 0.70 | 6.80 | | 24 | | |
| NO OF SAMPLES | | | | | 9 | 9 | 7 | 7 | 9 | 7 | 7 | | 7 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|------------|-------------|-------------|-------------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 05 | 76 | 1245 | | | .3 | | | 0.430 | | | | | | 0.060 | |
| 15 | 06 | 76 | 1220 | | | .3 | | | 0.15 | | 0.02 | | | 0.01 | 0.06 | 0.01 L |
| 19 | 07 | 76 | 1920 | | | .3 | | | 0.080 | | 0.020 | | | 0.010L | 0.036 | 0.010L |
| 09 | 08 | 76 | 1830 | | | .3 | | | 0.070 | | 0.010 | | | 0.010 | 0.034 | 0.010L |
| 14 | 09 | 76 | 1325 | | | .3 | | | 0.070 | | 0.010L | | | 0.010L | 0.026 | 0.020 |
| 26 | 10 | 76 | 1240 | | | .3 | | | | | | | | | 0.036 | |
| 23 | 11 | 76 | 1300 | | | .3 | | | 0.220 | | 0.020 | | | 0.020 | 0.034 | 0.020L |
| MAXIMUM | | | | | | | | | 0.430 | | 0.02 | | | 0.020 | 0.060 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | 0.170 | | 0.0160 | | | 0.012D | 0.041 | 0.0140 |
| MINIMUM | | | | | | | | | 0.070 | | 0.010 | | | 0.01 | 0.026 | 0.01 |
| NO OF SAMPLES | | | | | | | | | 6 | | 5 | | | 5 | 7 | 5 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST | SAMP BRG | PJ DEPTH | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|--------------------|-----------|----------|------------|-------------|-------------|-------------|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 19 | 05 | 76 | 1245 | | | .3 | 0.1 | | | | | | | | | 17217 |
| 15 | 06 | 76 | 1220 | | | .3 | 0.1 | | | | | | | | | 17263 |
| 19 | 07 | 76 | 1920 | | | .3 | 0.1 | | | | | | | | | 17307 |
| 09 | 08 | 76 | 1830 | | | .3 | 0.1 | | | | | | | | | 17349 |
| 14 | 09 | 76 | 1325 | | | .3 | 0.1 | | | | | | | | | 17395 |
| 26 | 10 | 76 | 1240 | | | .3 | 0.1 | | | | | | | | | 17443 |
| 23 | 11 | 76 | 1300 | | | .3 | 0.1 | | | | | | | | | 17482 |
| MAXIMUM | | | | | | | 0.1 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.1 | | | | | | | | | |
| MINIMUM | | | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 7 | | | | | | | | | |

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER FLOW GAUGE FED 02LB005

STATION ID: 18-2070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

| STN NO | 20 | LAT | LONG | U.T.M. 18 0495000.0 5044875.0 4 | REGION 04 | MILEAGE | 6.40 | | | | | | | | | |
|--------------------|-----------|----------|------------|---------------------------------|---------------------|---------|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | SAMP BRG MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | ROS WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY ROD MG/L |
| 16 | 02 | 76 | 1430 | | | .3 | 17083 | 4 | 550.00 | 12000E+1 | 188. | 36. | | | | 1.8 |
| 19 | 05 | 76 | 0835 | | | .3 | 17212 | 5 | 1990.00 | 100. | 100. | L | 100. | L | 11.5 | 10.0 |
| 14 | 06 | 76 | 1700 | | | .3 | 17258 | 5 | 299.00 | 50. | 1. | 4. | | 24.0 | 8.8 | 0.4 |
| 19 | 07 | 76 | 1640 | | | .3 | 17302 | 5 | 392.00 | 140. | | 4. | | 24.5 | 6.4 | 2.2 |
| 09 | 08 | 76 | 1600 | | | .3 | 17344 | 5 | 175.00 | 10. | 1. | 1. | | 22.5 | 7.5 | 1.4 |
| 14 | 09 | 76 | 0825 | | | .3 | 17390 | 5 | 160.00 | 1400. | 4. | 1. | | 18.5 | 8.0 | 1.4 |
| 26 | 10 | 76 | 0825 | | | .3 | 17438 | | 1580.00 | 4400. | 340. | 720. | | 1.0 | | 2.3 |
| 23 | 11 | 76 | 0840 | | | .3 | 17477 | | 470.00 | 700. | 68. | 24. | | 1.3 | 13.0 | 1.0 |
| MAXIMUM | | | | | | | | | 1990.00 | 12000E+1 | 340. | 720. | | 24.5 | 13.0 | 2.3 |
| AVG OR GEOM MN (*) | | | | | | | | | 702.00 | 485.* | 21.* D | 13.* D | | 14.8 | 9.0 | 1.5 |
| MINIMUM | | | | | | | | | 160.00 | 10. | 1. | 1. | | 1.0 | 6.4 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 8 | 8 | 7 | 8 | | 7 | 6 | 8 |
| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | SAMP BRG MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 16 | 02 | 76 | 1430 | | | .3 | 0.093 | 0.059 | 0.260 | 1.200 | 0.015 | 0.865 | 257.0 | 6.7 | | |
| 19 | 05 | 76 | 0835 | | | .3 | 0.124 | 0.079 | 0.036 | 0.880 | 0.022 | 0.238 | 299.0 | 20.0 | | |
| 14 | 06 | 76 | 1700 | | | .3 | 0.064 | 0.026 | 0.074 | 0.900 | 0.003 | 0.007 | 304.0 | 12.0 | | |
| 19 | 07 | 76 | 1640 | | | .3 | 0.144 | 0.077 | 0.046 | 0.960 | 0.034 | 0.246 | 355.0 | 15.0 | | |
| 09 | 08 | 76 | 1600 | | | .3 | 0.194 | 0.110 | 0.440 | 1.560 | 0.011 | 0.059 | 509.0 | 201.0 | | |
| 14 | 09 | 76 | 0825 | | | .3 | 0.096 | 0.045 | 0.087 | 0.360 | 0.016 | 0.174 | 200.0 | 11.0 | | |
| 26 | 10 | 76 | 0825 | | | .3 | 0.212 | 0.115 | 0.014 | 1.000 | 0.013 | 0.657 | 329.0 | 26.0 | | |
| 23 | 11 | 76 | 0840 | | | .3 | 0.074 | 0.036 | 0.036 | 0.300 | 0.006 | 0.404 | 359.0 | 11.0 | | |
| MAXIMUM | | | | | | | 0.212 | 0.115 | 0.440 | 1.560 | 0.034 | 0.865 | 509.0 | 201.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.125 | 0.068 | 0.124 | 0.895 | 0.015 | 0.331 | 326.5 | 37.8 | | |
| MINIMUM | | | | | | | 0.064 | 0.026 | 0.014 | 0.300 | 0.003 | 0.007 | 200.0 | 6.7 | | |
| NO OF SAMPLES | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 200 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1430 | | | .3 | | 420 | 7.60 | 25.0 | | | 12.0 | 107 | 7.50 | 0.56 | |
| 19 | 05 | 76 | 0835 | | | .3 | | 415 | 20.00 | 20.5 | 33.0 | 1.40 | 3.9 | 147 | 8.18 | | 1.520 |
| 14 | 06 | 76 | 1700 | | | .3 | | 433 | 8.30 | 22.0 | | | 0.0 | 166 | 8.56 | | 0.750 |
| 19 | 07 | 76 | 1640 | | | .3 | | 445 | 32.00 | 25.5 | 29.0 | 2.60 | 5.4 | 167 | 8.14 | | 5.750 |
| 09 | 08 | 76 | 1600 | | | .3 | | 450 | 78.00 | 23.5 | 29.5 | 1.95 | 31.0 | 169 | 8.10 | | 0.660 |
| 14 | 09 | 76 | 0825 | | | .3 | | 290 | 2.00 | 16.5 | 21.5 | 2.15 | 0.4 | 93 | 7.94 | | 0.900 |
| 26 | 10 | 76 | 0825 | | | .3 | | 435 | 38.00 | 20.5 | 46.0 | 3.15 | 8.0 | 150 | 7.83 | | 2.150 |
| 23 | 11 | 76 | 0840 | | | .3 | | 540 | 22.00 | 30.0 | 56.0 | 2.80 | 11.4 | 189 | 8.00 | | 1.020 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|------|------|-----|------|------|-------|
| MAXIMUM | | | | | | | | 540 | 78.00 | 30.0 | 56.0 | 3.15 | 31.0 | 189 | 8.56 | 0.56 | 5.750 |
| AVG OR GEOM MN (*) | | | | | | | | 429 | 25.99 | 22.9 | 35.8 | 2.34 | 9.0 | 149 | 8.03 | 0.56 | 1.821 |
| MINIMUM | | | | | | | | 290 | 2.00 | 16.5 | 21.5 | 1.40 | 0.0 | 93 | 7.50 | 0.56 | 0.660 |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 6 | 6 | 8 | 8 | 8 | 1 | 7 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 16 | 02 | 76 | 1430 | | | .3 | | | 180.0 | | | | | | | | |
| 19 | 05 | 76 | 0835 | | | .3 | | 1.0L | 183.0 | 50.00 | 14.10 | 70G | 2.33 | 17.00 | | 55 | |
| 14 | 06 | 76 | 1700 | | | .3 | | | 201.0 | | | 70 | | | | | |
| 19 | 07 | 76 | 1640 | | | .3 | | 4.0 | 193.0 | 51.00 | 15.90 | 70G | 3.30 | 21.00 | | 28 | |
| 09 | 08 | 76 | 1600 | | | .3 | | 1.0L | 194.0 | 48.00 | 18.00 | 60 | 2.95 | 20.00 | | 40 | |
| 14 | 09 | 76 | 0825 | | | .3 | | 1.0 | 114.0 | 30.00 | 9.50 | 60 | 2.40 | 13.50 | | 27 | |
| 26 | 10 | 76 | 0825 | | | .3 | | 1.0L | 197.0 | 54.00 | 14.50 | 70G | 6.00 | 13.50 | | 39 | |
| 23 | 11 | 76 | 0840 | | | .3 | | 1.0 | 238.0 | 63.00 | 19.50 | 70G | 3.35 | 22.50 | | 41 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|-------|-------|-------|-----|------|-------|--|----|--|
| MAXIMUM | | | | | | | | 4.0 | 238.0 | 63.00 | 19.50 | 70 | 6.00 | 22.50 | | 55 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.50 | 187.5 | 49.33 | 15.25 | 67U | 3.39 | 17.92 | | 38 | |
| MINIMUM | | | | | | | | 1.0 | 114.0 | 30.00 | 9.50 | 60 | 2.33 | 13.50 | | 27 | |
| NO OF SAMPLES | | | | | | | | 6 | 8 | 6 | 6 | 7 | 6 | 6 | | 6 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 19 | 05 | 76 | 0835 | | | .3 | | | | 2.100 | | 0.020 | | | 0.010 | 0.075 | 0.010L |
| 19 | 07 | 76 | 1640 | | | .3 | | | | 1.500 | | 0.020 | | | 0.040 | 0.048 | 0.010L |
| 09 | 08 | 76 | 1600 | | | .3 | | | | | | | | | | 0.036 | |
| 14 | 09 | 76 | 0825 | | | .3 | | | | 0.580 | | 0.010L | | | 0.010L | 0.032 | 0.010L |
| 26 | 10 | 76 | 0825 | | | .3 | | | | 2.800 | | 0.010L | | | 0.010L | 0.090 | 0.010L |
| 23 | 11 | 76 | 0840 | | | .3 | | | | 1.100 | | 0.020 | | | 0.010 | 0.056 | 0.020L |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|--|--------|--|--|--------|-------|--------|
| MAXIMUM | | | | | | | | | | 2.800 | | 0.020 | | | 0.040 | 0.090 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | | | | 1.616 | | 0.016D | | | 0.016D | 0.056 | 0.012D |
| MINIMUM | | | | | | | | | | 0.580 | | 0.010 | | | 0.010 | 0.032 | 0.010 |
| NO OF SAMPLES | | | | | | | | | | 5 | | 5 | | | 5 | 6 | 5 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 19 | 05 | 76 | 0835 | | | .3 | | 0.1 | | | | | | | | | 17212 |
| 19 | 07 | 76 | 1640 | | | .3 | | 0.2 | | | | | | | | | 17302 |
| 09 | 08 | 76 | 1600 | | | .3 | | 0.2 | | | | | | | | | 17344 |
| 14 | 09 | 76 | 0825 | | | .3 | | 0.1 | | | | | | | | | 17390 |
| 26 | 10 | 76 | 0825 | | | .3 | | 0.2 | | | | | | | | | 17438 |
| 23 | 11 | 76 | 0840 | | | .3 | | 0.1 | | | | | | | | | 17477 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 0.2 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.2 | | | | | | | | | |
| MINIMUM | | | | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | | | |

B.O.W. / SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONCESSION 17 DOWNSTREAM FROM ST. ISIDORE
STATION TYPE: RIVER FLOW GAUGE FED 02LB012
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER
STATION ID: 18-2070-040-02
STORET CODE: 02
006
1170

STN NO 40 LAT LONG U.T.M. 18 0505850.0 5025275.0 4 REGION 04 MILEAGE 30.20

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 16 | 02 | 76 | 1450 | | | .3 | | 17084 | 4 | 20.00 | 22800. | 900. | 620. | | | | 0.6 |
| 19 | 05 | 76 | 0925 | | | .3 | | 17213 | | 147.00 | 15000. | 300. | 28000. | | 8.0 | 6.0 | 4.0 |
| 14 | 06 | 76 | 1725 | | | .3 | | 17259 | 5 | 3.90 | 340. | 10. | 1000. | | 24.0 | 8.6 | 2.0 |
| 19 | 07 | 76 | 1720 | | | .3 | | 17303 | 5 | 1.10 | 940. | | 16. | | 25.5 | 10.8 | 2.8 |
| 09 | 08 | 76 | 1640 | | | .3 | | 17345 | 5 | 0.18 | 100. | 1. | 4. | | 20.5 | 6.5 | 0.8 |
| 14 | 09 | 76 | 0925 | | | .3 | | 17391 | 5 | 0.16 | 600. | 48. | 1. | | 17.3 | 6.9 | 1.4 |
| 26 | 10 | 76 | 0915 | | | .3 | | 17439 | | 17.00 | 3100. | 376. | 220. | | 0.0 | | 1.4 |
| 23 | 11 | 76 | 0935 | | | .3 | | 17478 | | 8.00 | 84000. | 3600. | 80. | | 1.2 | 12.7 | 1.2 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--------|----------|---------|---------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 147.00 | 84000. | 3800. | 28000. | | 25.5 | 12.7 | 4.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 24.67 | 2536.* U | 109.* D | 109.* D | | 13.8 | 8.6 | 1.8 |
| MINIMUM | | | | | | | | | | 0.16 | 100. | 1. | 1. | | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | 8 | 8 | 7 | 8 | | 7 | 6 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1450 | | | .3 | | 0.098 | 0.054 | 0.330 | 1.080 | 0.012 | 0.610 | | | | |
| 19 | 05 | 76 | 0925 | | | .3 | | 0.410 | 0.160 | 0.520 | 2.260 | 0.030 | 0.490 | | | | |
| 14 | 06 | 76 | 1725 | | | .3 | | 0.205 | 0.105 | 0.064 | 0.900 | 0.041 | 0.059 | | | | |
| 19 | 07 | 76 | 1720 | | | .3 | | 0.296 | 0.160 | 0.080 | 1.060 | 0.085 | 0.385 | | | | |
| 09 | 08 | 76 | 1640 | | | .3 | | 0.350 | 0.180 | 0.042 | 1.200 | 0.006 | 0.005L | | | | |
| 14 | 09 | 76 | 0925 | | | .3 | | 0.590 | 0.400 | 0.056 | 0.900 | 0.016 | 0.029 | | | | |
| 26 | 10 | 76 | 0915 | | | .3 | | 0.066 | 0.035 | 0.030 | 0.580 | 0.005 | 0.169 | | | | |
| 23 | 11 | 76 | 0935 | | | .3 | | 0.090 | 0.058 | 0.092 | 0.260 | 0.004 | 0.176 | | | | |

MAXIMUM 0.590 0.400 0.520 2.260 0.085 0.610
 AVG OR GEOM MN (*) 0.263 0.144 0.152 1.030 0.025 0.240D
 MINIMUM 0.066 0.035 0.030 0.260 0.004 0.005

NO OF SAMPLES 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1450 | | | .3 | | 430 | 5.50 | 23.5 | | | | | | | |
| 19 | 05 | 76 | 0925 | | | .3 | | 410 | 75.00 | 12.0 | | | | | | | |
| 14 | 06 | 76 | 1725 | | | .3 | | 428 | 38.00 | 11.5 | | | | | | | |
| 19 | 07 | 76 | 1720 | | | .3 | | 540 | 32.00 | 31.0 | | | | | | | |
| 09 | 08 | 76 | 1640 | | | .3 | | 800 | 61.00 | 93.0 | | | | | | | |
| 14 | 09 | 76 | 0925 | | | .3 | | 780 | 100.00 | 93.0 | | | | | | | |
| 26 | 10 | 76 | 0915 | | | .3 | | 455 | 16.00 | 11.0 | | | | | | | |
| 23 | 11 | 76 | 0935 | | | .3 | | 540 | 23.00 | 13.5 | | | | | | | |

MAXIMUM 800 100.00 93.0
 AVG OR GEOM MN (*) 548 43.81 36.1
 MINIMUM 410 5.50 11.0

NO OF SAMPLES 8 8 8

B.O.W./ SITE: SCOTCH RIVER EAST

SAMPLE POINT: AT CONCESSION 19 UPSTREAM FROM ST. ISIDORE

STATION TYPE: RIVER

STATION ID: 18-2070-060-02

MAJOR BASIN: GREAT LAKES

MINOR BASIN: OTTAWA RIVER

TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
 006
 1170

| STN NO | | 60 | LAT | | LONG | | U.T.M. 18 0507200.0 5024300.0 4 | | | | | | REGION 04 | | MILEAGE | | 31.70 |
|---------|----|--------|-------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 | 02 | 76 | 1510 | | | .3 | | 17085 | 4 | | 608. | 48. | 104. | | | | 1.2 |
| 19 | 05 | 76 | 0955 | | | .3 | | 17214 | 5 9 | | 13800. | 4700. | 2700. | | 8.0 | 10.0 | 4.0 |
| 14 | 06 | 76 | 1740 | | | .3 | | 17260 | 5 7 | | 300. | 100. | 100. | L | 26.0 | 7.4 | 0.8 |
| 19 | 07 | 76 | 1730 | | | .3 | | 17304 | 5 | | 290. | | 160. | | 27.0 | 9.0 | 1.2 |
| 09 | 08 | 76 | 1650 | | | .3 | | 17346 | 5 | | 1100. | 1. | 70. | | 19.4 | 9.2 | 2.2 |
| 14 | 09 | 76 | 0940 | | | .3 | | 17392 | 5 | | 300. | 32. | 64. | | 17.0 | 7.9 | 3.0 |
| 26 | 10 | 76 | 0930 | | | .3 | | 17440 | | | 900. | 132. | 240. | | 0.0 | | 1.3 |
| 23 | 11 | 76 | 0950 | | | .3 | | 17479 | | | 2200. | 1200. | 32. | | 1.0 | 13.2 | 0.4 |

MAXIMUM 13800. 4700. 2700.
 AVG OR GEOM MN (*) 912.* 102.* D 141.* D
 MINIMUM 290. 1. 32.

NO OF SAMPLES 8 7 8 7 6 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1510 | | | .3 | | 0.077 | 0.036 | 0.188 | 0.970 | 0.010 | 0.470 | | | | |
| 19 | 05 | 76 | 0955 | | | .3 | | 0.262 | 0.110 | 0.246 | 1.900 | 0.025 | 0.305 | | | | |
| 14 | 06 | 76 | 1740 | | | .3 | | 0.076 | 0.030 | 0.016 | 0.780 | 0.003 | 0.007 | | | | |
| 19 | 07 | 76 | 1730 | | | .3 | | 0.202 | 0.054 | 0.062 | 1.020 | 0.006 | 0.005L | | | | |
| 09 | 08 | 76 | 1650 | | | .3 | | 0.290 | 0.200 | 0.148 | 1.320 | 0.013 | 0.007 | | | | |
| 14 | 09 | 76 | 0940 | | | .3 | | 0.380 | 0.200 | 0.049 | 1.180 | 0.009 | 0.006 | | | | |
| 26 | 10 | 76 | 0930 | | | .3 | | 0.058 | 0.024 | 0.310 | 0.620 | 0.008 | 0.487 | | | | |
| 23 | 11 | 76 | 0950 | | | .3 | | 0.050 | 0.027 | 0.034 | 0.250 | 0.003 | 0.067 | | | | |

MAXIMUM 0.380 0.200 0.310 1.900 0.025 0.487
 AVG OR GEOM MN (*) 0.174 0.085 0.132 1.005 0.010 0.169D
 MINIMUM 0.050 0.024 0.016 0.250 0.003 0.005

NO OF SAMPLES 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1510 | | .3 | | 410 | 6.80 | 19.0 | | | | | | | |
| 19 | 05 | 76 | 0955 | | .3 | | 350 | 65.00 | 7.8 | | | | | | | |
| 14 | 06 | 76 | 1740 | | .3 | | 370 | 7.00 | 5.0 | | | | | | | |
| 19 | 07 | 76 | 1730 | | .3 | | 390 | 29.00 | 9.7 | | | | | | | |
| 09 | 08 | 76 | 1650 | | .3 | | 800 | 75.00 | 44.0 | | | | | | | |
| 14 | 09 | 76 | 0940 | | .3 | | 700 | 75.00 | 55.0 | | | | | | | |
| 26 | 10 | 76 | 0930 | | .3 | | 395 | 6.20 | 7.0 | | | | | | | |
| 23 | 11 | 76 | 0950 | | .3 | | 450 | 7.40 | 6.8 | | | | | | | |

MAXIMUM 800 75.00 55.0
 AVG OR GEOM MN (") 483 33.93 19.3
 MINIMUM 350 6.20 5.0
 NO OF SAMPLES 8 8 8

B.O.W. / SITE: SOUTH NATION RIVER
 SAMPLE POINT: AT DAM DOWNSTREAM OF CASSELMAN
 STATION TYPE: RIVER

STATION ID: 18-2070-100-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
 006
 1170

STN NO 100 LAT LONG U.T.M. 18 0492700.0 5018125.0 4 REGION 04 MILEAGE 39.00

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 16 | 02 | 76 | 1625 | | .3 | | 17086 | 4 | 467. | 43000. | 128. | 12. | | | | 1.8 |
| 19 | 05 | 76 | 1025 | | .3 | | 17215 | 6 5 | 1520. | 17100. | 100. L | 500. | | 12.5 | 8.0 | 1.2 |
| 14 | 06 | 76 | 1830 | | .3 | | 17261 | 5 7 | 36.5 | 1300. | 10. L | 10. | | 23.4 | 8.0 | 0.8 |
| 19 | 07 | 76 | 1800 | | .3 | | 17305 | 5 | 137. | 10500. | | 44. | | 24.8 | 9.0 | 1.2 |
| 09 | 08 | 76 | 1715 | | .3 | | 17347 | 5 | 31.4 | 7000. | 10. L | 10. | | 22.0 | 7.2 | 1.0 |
| 14 | 09 | 76 | 1020 | | .3 | | 17393 | 5 | 39.0 | 12400. | 544. | 24. | | 18.7 | 7.8 | 1.2 |
| 26 | 10 | 76 | 1000 | | .3 | | 17441 | | 794. | 4000. | 520. | 720. | | 1.0 | | 1.7 |
| 23 | 11 | 76 | 1025 | | .3 | | 17480 | | 168. | 500. | 90. | 48. | | 1.2 | 12.8 | 0.4 |

MAXIMUM 1520. 43000. 544. 720. 24.8 12.8 1.8
 AVG OR GEOM MN (") 399.1 6028.* 85.* D 47.* 14.8 8.8 1.2
 MINIMUM 31.4 500. 10. 10. 1.0 7.2 0.4
 NO OF SAMPLES 8 8 7 8 7 6 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1625 | | .3 | | 0.076 | 0.036 | 0.260 | 1.260 | 0.015 | 0.770 | | | | |
| 19 | 05 | 76 | 1025 | | .3 | | 0.093 | 0.040 | 0.124 | 1.000 | 0.009 | 0.106 | | | | |
| 14 | 06 | 76 | 1830 | | .3 | | 0.092 | 0.060 | 0.070 | 0.740 | 0.002 | 0.005L | | | | |
| 19 | 07 | 76 | 1800 | | .3 | | 0.190 | 0.050 | 0.050 | 1.340 | 0.008 | 0.005L | | | | |
| 09 | 08 | 76 | 1715 | | .3 | | 0.188 | 0.085 | 0.054 | 1.180 | 0.011 | 0.005L | | | | |
| 14 | 09 | 76 | 1020 | | .3 | | 0.154 | 0.075 | 0.015 | 0.960 | 0.005 | 0.005 | | | | |
| 26 | 10 | 76 | 1000 | | .3 | | 0.116 | 0.005 | 0.092 | 0.840 | 0.005 | 0.160 | | | | |
| 23 | 11 | 76 | 1025 | | .3 | | 0.050 | 0.027 | 0.014 | 0.620 | 0.005 | 0.320 | | | | |

MAXIMUM 0.190 0.085 0.260 1.340 0.015 0.770
 AVG OR GEOM MN (") 0.120 0.047 0.085 0.993 0.008 0.1720
 MINIMUM 0.050 0.005 0.014 0.620 0.002 0.005
 NO OF SAMPLES 8 8 8 8 8 8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-------------|------------|---------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1625 | | .3 | | 425 | 2.60 | 16.5 | | | | | | | |
| 19 | 05 | 76 | 1025 | | .3 | | 430 | 7.50 | 13.5 | | | | | | | |
| 14 | 06 | 76 | 1830 | | .3 | | 530 | 3.30 | 18.5 | | | | | | | |
| 19 | 07 | 76 | 1800 | | .3 | | 474 | 4.80 | 15.5 | | | | | | | |
| 09 | 08 | 76 | 1715 | | .3 | | 475 | 10.00 | 15.5 | | | | | | | |
| 14 | 09 | 76 | 1020 | | .3 | | 480 | 3.60 | 16.5 | | | | | | | |
| 26 | 10 | 76 | 1000 | | .3 | | 435 | 7.50 | 13.0 | | | | | | | |
| 23 | 11 | 76 | 1025 | | .3 | | 600 | 5.50 | 19.5 | | | | | | | |

MAXIMUM 600 10.00 19.5
 AVG OR GEOM MN (") 481 5.60 16.1
 MINIMUM 425 2.60 13.0
 NO OF SAMPLES 8 8 8

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: AT DAM CHESTERVILLE
STATION TYPE: RIVER FLOW GAUGE FED 02LB009

STATION ID: 18-2070-110-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

| STN NO | | 110 | LAT | | LONG | | U.T.M. 18 0482150.0 4994000.0 4 | | | | REGION 04 | | MILEAGE | | 58.00 | |
|----------|-----------|----------|---------------|---------|-----------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 16 02 76 | | 1100 | | | .3 | | 17077 | 4 | | 55000. | 175. | 8. | | | | 1.2 |
| 18 05 76 | | 1150 | | | .3 | | 17205 | 5 3 | | 300. | 100. | 200. | | 14.3 | 8.5 | 0.8 |
| 14 06 76 | | 1220 | | | .3 | | 17251 | 5 7 | | 240. | 10. | 10. | L | 23.9 | 7.2 | 0.6 |
| 19 07 76 | | 1145 | | | .3 | | 17296 | 7 5 | | 400. | | 100. | | 22.5 | 7.2 | 0.8 |
| 09 08 76 | | 1120 | | | .3 | | 17337 | 7 5 | | 4900. | 1. | 8. | | 20.0 | 6.0 | 0.8 |
| 13 09 76 | | 1120 | | | .3 | | 17383 | 5 7 | | 1100. | 300. | 1. | | 14.5 | 8.3 | 0.6 |
| 25 10 76 | | 1200 | | | .3 | | 17431 | | | 6000. | 100. | 212. | | 2.5 | | 1.5 |
| 22 11 76 | | 1120 | | | .3 | | 17472 | | | 1100. | 200. | 8. | | 1.2 | 12.4 | 0.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|----------|-----------|----------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 16 02 76 | 1100 | | .3 | | | | 0.038 | 0.005 | 0.220 | 1.360 | 0.013 | 0.347 | | | | |
| 18 05 76 | 1150 | | .3 | | | | 0.050 | 0.010 | 0.014 | 0.960 | 0.010 | 0.025 | | | | |
| 14 06 76 | 1220 | | .3 | | | | 0.050 | 0.017 | 0.098 | 1.080 | 0.003 | 0.007 | | | | |
| 19 07 76 | 1145 | | .3 | | | | 0.076 | 0.032 | 0.012 | 1.080 | 0.017 | 0.093 | | | | |
| 09 08 76 | 1120 | | .3 | | | | 0.090 | 0.040 | 0.040 | 1.180 | 0.003 | 0.005L | | | | |
| 13 09 76 | 1120 | | .3 | | | | 0.070 | 0.039 | 0.023 | 0.900 | 0.003 | 0.005L | | | | |
| 25 10 76 | 1200 | | .3 | | | | 0.106 | 0.049 | 0.002 | 0.860 | 0.007 | 0.298 | | | | |
| 22 11 76 | 1120 | | .3 | | | | 0.022 | 0.016 | 0.002L | 0.170 | 0.003 | 0.157 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|----------|-----------|----------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 16 02 76 | 1100 | | .3 | | | | 425 | 1.40 | 16.5 | | | | | | | |
| 18 05 76 | 1150 | | .3 | | | | 380 | 4.40 | 10.0 | | | | | | | |
| 14 06 76 | 1220 | | .3 | | | | 396 | 2.00 | 9.0 | | | | | | | |
| 19 07 76 | 1145 | | .3 | | | | 405 | 3.00 | 12.5 | | | | | | | |
| 09 08 76 | 1120 | | .3 | | | | 390 | 2.30 | 10.0 | | | | | | | |
| 13 09 76 | 1120 | | .3 | | | | 435 | 3.40 | 16.0 | | | | | | | |
| 25 10 76 | 1200 | | .3 | | | | 106 | 5.20 | 11.0 | | | | | | | |
| 22 11 76 | 1120 | | .3 | | | | 520 | 3.50 | 13.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W./ SITE: BEAR BROOK
SAMPLE POINT: AT CARLSBAD SPRING
STATION TYPE: RIVER FLOW GAUGE FED 02LB008

STATION ID: 18-2070-130-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

| STN NO | 130 | LAT | LONG | U.T.M. 18 0462825.0 5024450.0 4 | | | | | | | | REGION 04 | | MILEAGE | 51.80 | |
|----------|-----------|----------|---------------|---------------------------------|-----------------|-----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 04 02 76 | 1515 | | .3 | | 17003 | 4 | | | 200. | 30. | 10. | | | 0.0 | 4.0 | 2.4 |
| 24 03 76 | 1250 | | .3 | | 17007 | 4 | | | 980.00 | 296. | 16. | 120. | | 3.0 | 10.0 | |
| 29 04 76 | 1100 | | .3 | | 17011 | 6 | | | 204.00 | 1100. | 20. | 100. | | 13.0 | 12.0 | 0.5 |
| 19 05 76 | 1100 | | .3 | | 17216 | 5 9 | | | 230.00 | 800. | 100. | L 100. | | 8.5 | 8.9 | 1.2 |
| 14 06 76 | 1910 | | .3 | | 17262 | 5 7 | | | 56.00 | 180. | 20. | 32. | | 22.5 | 8.6 | 0.8 |
| 19 07 76 | 1830 | | .3 | | 17306 | 5 | | | 31.20 | 230. | | 20. | | 25.0 | 6.5 | 1.8 |
| 09 08 76 | 1750 | | .3 | | 17348 | 9 5 | | | 14.80 | 100. | 1. | 20. | | 16.6 | 1.4 | 3.6 |
| 14 09 76 | 1105 | | .3 | | 17394 | 5 9 | | | 10.10 | 200. | 36. | 12. | | 16.5 | 3.9 | 5.2 |
| 26 10 76 | 1050 | | .3 | | 17442 | | | | 95.60 | 2600. | 60. | 168. | | 0.0 | | 2.5 |
| 23 11 76 | 1115 | | .3 | | 17481 | | | | 50.00 | 130. | 12. | 8. | | 1.8 | 12.7 | 1.4 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | | | FEET | | MTRS | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 04 | 02 | 76 | 1515 | | | .3 | 0.130 | 0.034 | 0.430 | 1.400 | 0.020 | 0.780 | 437.0 | 24.0 | | |
| 24 | 03 | 76 | 1250 | | | .3 | | | | | | | | | | |
| 29 | 04 | 76 | 1100 | | | .3 | 0.064 | 0.016 | 0.040 | 0.900 | 0.016 | 0.000 | 340.0 | 15.0L | | |
| 19 | 05 | 76 | 1100 | | | .3 | 0.169 | 0.021 | 0.008 | 1.180 | 0.016 | 0.014 | 344.0 | 22.0 | | |
| 14 | 06 | 76 | 1910 | | | .3 | 0.155 | 0.035 | 0.058 | 1.200 | 0.017 | 0.088 | 310.0 | 29.0 | | |
| 19 | 07 | 76 | 1830 | | | .3 | 0.175 | 0.055 | 0.052 | 1.300 | 0.023 | 0.122 | 352.0 | 22.0 | | |
| 09 | 08 | 76 | 1750 | | | .3 | 0.332 | 0.135 | 0.018 | 1.300 | 0.003 | 0.005L | 2028.0 | 20.0 | | |
| 14 | 09 | 76 | 1105 | | | .3 | 0.222 | 0.100 | | 1.020 | 0.002 | 0.005L | 195.0 | 9.3 | | |
| 26 | 10 | 76 | 1050 | | | .3 | 0.080 | 0.026 | 0.012 | 0.880 | 0.007 | 0.108 | 351.0 | 12.0 | | |
| 23 | 11 | 76 | 1115 | | | .3 | 0.030 | 0.018 | 0.022 | 0.350 | 0.007 | 0.163 | 470.0 | 14.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|--------|-------|
| MAXIMUM | 0.332 | 0.135 | 0.430 | 1.400 | 0.023 | 0.780 | 2028.0 | 29.0 |
| AVG OR GEOM MN (*) | 0.151 | 0.049 | 0.080 | 1.059 | 0.012 | 0.1430 | 536.3 | 18.60 |
| MINIMUM | 0.030 | 0.016 | 0.008 | 0.350 | 0.002 | 0.000 | 195.0 | 9.3 |
| NO OF SAMPLES | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|------|-----|------|------|------|------|-------|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | | | FEET | | MTRS | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 04 | 02 | 76 | 1515 | | | .3 | 720 | 17.00 | 130.0 | | | 15.0 | 104 | 7.20 | 1.90 | |
| 29 | 04 | 76 | 1100 | | | .3 | 520 | 11.00 | 100.0 | | | 0.0 | 96 | 7.50 | | 1.700 |
| 19 | 05 | 76 | 1100 | | | .3 | 500 | 15.00 | 78.0 | 21.5 | 2.10 | 5.6 | 104 | 7.83 | | 1.850 |
| 14 | 06 | 76 | 1910 | | | .3 | 590 | 25.00 | 94.0 | 28.0 | 2.65 | 6.7 | 118 | 7.72 | | 2.750 |
| 19 | 07 | 76 | 1830 | | | .3 | 472 | 28.00 | 74.0 | 27.0 | 2.50 | 6.9 | 92 | 7.59 | | 2.300 |
| 09 | 08 | 76 | 1750 | | | .3 | 3800 | 6.60 | 1075.0 | 16.0 | 1.95 | 97.0 | 379 | 7.92 | | 0.900 |
| 14 | 09 | 76 | 1105 | | | .3 | 3750 | 4.00 | 1030.0 | 28.0 | 2.55 | 7.8 | 401 | 7.77 | | 0.320 |
| 26 | 10 | 76 | 1050 | | | .3 | 520 | 20.00 | 65.0 | 50.0 | 3.70 | 5.0 | 98 | 7.36 | | 1.250 |
| 23 | 11 | 76 | 1115 | | | .3 | 750 | 21.00 | 123.0 | 64.0 | 3.25 | 13.4 | 136 | 7.70 | | 1.600 |

| | | | | | | | | | | |
|--------------------|------|-------|--------|------|------|------|-----|------|------|-------|
| MAXIMUM | 3800 | 28.00 | 1075.0 | 64.0 | 3.70 | 97.0 | 401 | 7.92 | 1.90 | 2.750 |
| AVG OR GEOM MN (*) | 1291 | 16.40 | 307.7 | 33.5 | 2.67 | 17.5 | 170 | 7.62 | 1.90 | 1.584 |
| MINIMUM | 472 | 4.00 | 65.0 | 16.0 | 1.95 | 0.0 | 92 | 7.20 | 1.90 | 0.320 |
| NO OF SAMPLES | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 9 | 1 | 8 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|------|-----|------|------|------|------|-------|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | | | | FEET | | MTRS | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | CAS C | MG/L | EXTRIBLES |
| | | | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 04 | 02 | 76 | 1515 | | | .3 | | 155.0 | | | 70G | | | | | |
| 29 | 04 | 76 | 1100 | | | .3 | | 138.0 | | | 120 | | | | | |
| 19 | 05 | 76 | 1100 | | | .3 | 1.0L | 143.0 | 37.00 | 12.20 | 70G | 2.24 | 48.50 | | 51 | |
| 14 | 06 | 76 | 1910 | | | .3 | 1.0L | 165.0 | 42.00 | 14.70 | 70G | 2.80 | 68.00 | | 59 | |
| 19 | 07 | 76 | 1830 | | | .3 | 8.0 | 121.0 | 31.00 | 10.80 | 70G | 4.25 | 47.00 | | 24 | |
| 09 | 08 | 76 | 1750 | | | .3 | 1.0L | 193.0 | 26.00 | 31.00 | 70G | 12.50 | 0.51 | | 88 | |
| 14 | 09 | 76 | 1105 | | | .3 | 1.0L | 194.0 | 30.00 | 29.00 | 70 | 14.00 | 773.00 | | 76 | |
| 26 | 10 | 76 | 1050 | | | .3 | 1.0L | 153.0 | 40.00 | 13.00 | 70G | 4.45 | 40.50 | | 55 | |
| 23 | 11 | 76 | 1115 | | | .3 | 1.0L | 210.0 | 51.00 | 20.00 | 70G | 3.75 | 70.00 | | 51 | |

| | | | | | | | | | |
|--------------------|------|-------|-------|-------|-----|-------|--------|--|----|
| MAXIMUM | 8.0 | 210.0 | 51.00 | 31.00 | 120 | 14.00 | 773.00 | | 88 |
| AVG OR GEOM MN (*) | 2.00 | 163.6 | 36.71 | 18.67 | 76U | 6.28 | 149.64 | | 58 |
| MINIMUM | 1.0 | 121.0 | 26.00 | 10.80 | 70 | 2.24 | 0.51 | | 24 |
| NO OF SAMPLES | 7 | 9 | 7 | 7 | 9 | 7 | 7 | | 7 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|------|-----|------|------|------|------|-------|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | | | | FEET | | MTRS | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 19 | 05 | 76 | 1100 | | | .3 | | | 1.300 | | 0.060 | | | 0.040 | 0.155 | 0.010L |
| 14 | 06 | 76 | 1910 | | | .3 | | | 2.000 | | 0.010L | | | 0.020 | 0.210 | 0.010L |
| 19 | 07 | 76 | 1830 | | | .3 | | | 1.700 | | 0.040 | | | 0.020 | 0.108 | 0.010L |
| 09 | 08 | 76 | 1750 | | | .3 | | | 0.520 | | 0.020 | | | 0.010 | 0.300 | 0.010L |
| 14 | 09 | 76 | 1105 | | | .3 | | | | | 0.010L | | | 0.040 | 0.220 | 0.010L |
| 26 | 10 | 76 | 1050 | | | .3 | | | 1.300 | | 0.020 | | | 0.020 | 0.095 | 0.010L |
| 23 | 11 | 76 | 1115 | | | .3 | | | 1.500 | | 0.020L | | | 0.020 | 0.130 | 0.020L |

| | | | | | | | | | |
|--------------------|--|--|-------|--|--------|--|-------|-------|-------|
| MAXIMUM | | | 2.000 | | 0.060 | | 0.040 | 0.300 | 0.020 |
| AVG OR GEOM MN (*) | | | 1.387 | | 0.0260 | | 0.024 | 0.174 | 0.010 |
| MINIMUM | | | 0.520 | | 0.010 | | 0.010 | 0.095 | 0.010 |
| NO OF SAMPLES | | | 6 | | 7 | | 7 | 7 | 7 |

| SAMP | DTE | HOUR | STN | STN | SAMP | PJ | 60 | 272 | 217 | 451 | 452 | 453 | 454 | 455 | 456 | 934 |
|------|-----|------|------|------|------|-------|----------|---------|--------|----------|----------|----------|----------|----------|---------|--------|
| DY | MO | YR | LMT | DIST | BRG | DEPTH | FLUORIDE | SIMPLE | TOTAL | RADIUM | GROSS*A* | GROSS*A* | GROSS*B* | GROSS*B* | URANIUM | SAMPLE |
| | | | | FEET | | MTRS | MG/L | CYANIDE | COBALT | 226 DISS | DISS | UNDISS | DISS | UNDISS | 238 | NO |
| | | | | | | | | MG/L | MG/L | PCI/L | PCI/L | PCI/L | PCI/L | PCI/L | UG/L | |
| 19 | 05 | 76 | 1100 | | | .3 | 0.1 | | | | | | | | | 17216 |
| 14 | 06 | 76 | 1910 | | | .3 | 0.2 | | | | | | | | | 17262 |
| 19 | 07 | 76 | 1830 | | | .3 | 0.2 | | | | | | | | | 17305 |
| 09 | 08 | 76 | 1750 | | | .3 | 0.8 | | | | | | | | | 17348 |
| 14 | 09 | 76 | 1105 | | | .3 | 0.8 | | | | | | | | | 17394 |
| 26 | 10 | 76 | 1050 | | | .3 | 0.2 | | | | | | | | | 17442 |
| 23 | 11 | 76 | 1115 | | | .3 | 0.1 | | | | | | | | | 17481 |

| | |
|--------------------|-----|
| MAXIMUM | 0.8 |
| AVG OR GEOM MN (*) | 0.3 |
| MINIMUM | 0.1 |
| NO OF SAMPLES | 7 |

B.O.W./ SITE: GREEN CREEK
 SAMPLE POINT: AT HIGHWAY NO 17
 STATION TYPE: RIVER

STATION ID: 18-2590-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: GREEN CREEK

STORET CODE: 02
 006
 1570

STN NO 20 LAT LONG U.T.M. 18 0454800.0 5033600.0 4 REGION 04 MILEAGE 2.50

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 05 | 01 | 76 | 1215 | | | .3 | | 19005 | 4 | | 80000. | 8500. | 10. | | 0.0 | 10.0 | 8.0 |
| 02 | 02 | 76 | 1210 | | | .3 | | 19025 | 4 | | 6000. | 900. | 100. | | 0.0 | 10.0 | 1.4 |
| 03 | 03 | 76 | 1110 | | | .3 | | 19045 | 4 | | 5000. | 100. | 120. | | 0.0 | 11.0 | 1.8 |
| 12 | 04 | 76 | 1210 | | | .3 | | 19065 | 6 3 | | 35000. | 1940. | 180. | | 2.0 | 12.0 | 1.2 |
| 03 | 05 | 76 | 1110 | | | .3 | | 19085 | 6 | | 4600. | 48. | 110. | | 10.0 | 10.0 | 2.0 |
| 01 | 06 | 76 | 1040 | | | .3 | | 19105 | 6 9 | | 11000. | | 220. | | 17.0 | 8.0 | 3.2 |
| 05 | 07 | 76 | 1010 | | | .3 | | 19125 | 6 | | 3000. | | 230. | | 22.0 | 8.0 | 0.8 |
| 10 | 08 | 76 | 1035 | | | .3 | | 19145 | 6 | | 200. | 1. | 76. | | 20.0 | 8.0 | 1.4 |
| 07 | 09 | 76 | 1210 | | | .3 | | 19165 | 6 | | 5300. | 1100. | 140. | | 14.0 | 8.0 | 2.2 |
| 04 | 10 | 76 | 1120 | | | .3 | | 19185 | 6 | | 3400. | 868. | 128. | | 10.0 | 10.0 | 2.4 |
| 08 | 11 | 76 | 1130 | | | .3 | | 19205 | 6 | | 700. | 110. | 20. | | 1.0 | 11.0 | 1.7 |
| 06 | 12 | 76 | 1135 | | | .3 | | 19225 | 4 | | 700. | 150. | 30. | | 0.0 | 8.0 | 2.0 |

MAXIMUM 80000. 8500. 230. 22.0 12.0 8.0
 AVG OR GEOM MN (*) 4099. 254. D 82. 8.0 9.5 2.3
 MINIMUM 200. 1. 10. 0.0 8.0 0.8
 NO OF SAMPLES 12 10 12 12 12 12

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 05 | 01 | 76 | 1215 | | | .3 | | 0.700 | 0.100 | 1.600 | 3.600 | 0.017 | 0.760 | 889.0 | 221.0 | | |
| 02 | 02 | 76 | 1210 | | | .3 | | 0.150 | 0.081 | 1.200 | 2.100 | 0.023 | 0.650 | 1046.0 | 22.0 | | |
| 03 | 03 | 76 | 1110 | | | .3 | | 0.096 | 0.026 | 0.590 | 1.580 | 0.017 | 0.758 | 930.0 | 17.0 | | |
| 12 | 04 | 76 | 1210 | | | .3 | | 0.024 | 0.054 | 465. | 97. | 0.202 | 1.06 | | | | |
| 03 | 05 | 76 | 1110 | | | .3 | | 0.084 | 0.015 | 0.054 | 1.040 | 0.020 | 0.335 | 276.0 | 26.0 | | |
| 01 | 06 | 76 | 1040 | | | .3 | | 0.120 | 0.027 | 0.158 | 1.100 | 0.052 | 0.558 | 585.0 | 41.0 | | |
| 05 | 07 | 76 | 1010 | | | .3 | | 0.052 | 0.007 | 0.012 | 0.920 | 0.026 | 0.239 | 808.0 | 48.0 | | |
| 10 | 08 | 76 | 1035 | | | .3 | | 0.068 | 0.011 | 0.102 | 0.560 | 0.010 | 0.140 | 571.0 | 32.0 | | |
| 07 | 09 | 76 | 1210 | | | .3 | | 0.198 | 0.011 | 0.056 | 0.960 | 0.022 | 0.213 | 841.0 | 123.0 | | |
| 04 | 10 | 76 | 1120 | | | .3 | | 0.098 | 0.029 | 0.126 | 1.080 | 0.081 | 0.684 | 672.0 | 33.0 | | |
| 08 | 11 | 76 | 1130 | | | .3 | | 0.060 | 0.022 | 0.240 | 1.000 | 0.015 | 0.530 | 539.0 | 19.0 | | |
| 06 | 12 | 76 | 1135 | | | .3 | | 0.078 | 0.020 | 0.122 | 0.780 | 0.014 | 0.476 | 758.0 | 39.0 | | |

MAXIMUM 0.700 0.100 465. 97. 0.202 1.06 1046.0 221.0
 AVG OR GEOM MN (*) 0.144 0.034 39.105 9.310 0.042 0.534 719.5 56.5
 MINIMUM 0.024 0.007 0.012 0.560 0.010 0.140 276.0 17.0
 NO OF SAMPLES 12 12 12 12 12 12 11 11

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 05 | 01 | 76 | 1215 | | | .3 | | 1150 | 160.00 | 173.0 | | | | | | | |
| 02 | 02 | 76 | 1210 | | | .3 | | 1750 | 0.90 | 400.0 | | | | | | | |
| 03 | 03 | 76 | 1110 | | | .3 | | 1500 | 18.00 | 330.0 | | | | | | | |
| 12 | 04 | 76 | 1210 | | | .3 | | 472 | 179. | 69. | | | | | | | |
| 03 | 05 | 76 | 1110 | | | .3 | | 250 | 27.00 | 125.0 | | | | | | | |
| 01 | 06 | 76 | 1040 | | | .3 | | 850 | 34.00 | 130.0 | | | | | | | |
| 05 | 07 | 76 | 1010 | | | .3 | | 1180 | 33.00 | 195.0 | | | | | | | |
| 10 | 08 | 76 | 1035 | | | .3 | | 870 | 23.00 | 130.0 | | | | | | | |
| 07 | 09 | 76 | 1210 | | | .3 | | 1200 | 58.00 | 185.0 | | | | | | | |
| 04 | 10 | 76 | 1120 | | | .3 | | 1040 | 36.00 | 185.0 | | | | | | | |
| 08 | 11 | 76 | 1130 | | | .3 | | 820 | 28.00 | 120.0 | | | | | | | |
| 06 | 12 | 76 | 1135 | | | .3 | | 1160 | 48.00 | 170.0 | | | | | | | |

MAXIMUM 1750 179. 400.0
 AVG OR GEOM MN (*) 1020 53.74 184.3
 MINIMUM 250 0.90 69.
 NO OF SAMPLES 12 12 12

B.O.W./ SITE: WATTS CREEK
 SAMPLE POINT: WEST SHIRLEYS BAY WEST END OF OTTAWA
 STATION TYPE: RIVER

STATION ID: 18-2970-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: WATTS CREEK

STORET CODE: 02
 006
 2010

STN NO 10 LAT LONG U.T.M. 18 0430200.0 5023350.0 4 REGION 04 MILEAGE 0.30

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 04 | 02 | 76 | 1030 | | | .3 | | 17000 | 4 | | 100. | 100. | 100. | L | 0.0 | 13.0 | 4.8 |
| 24 | 03 | 76 | 0950 | | | .3 | | 17004 | 4 | | 600. | 136. | 408. | | 3.0 | 15.0 | |
| 29 | 04 | 76 | 1100 | | | .3 | | 17008 | 3 6 | | 300. | 10. | L | 10. | L | 13.0 | 20.0 |

MAXIMUM 600. 136. 408. 13.0 20.0 4.8
 AVG OR GEOM MN (*) 262. 51. D 74. D 5.3 16.0 2.7
 MINIMUM 100. 10. 10. 0.0 13.0 0.6
 NO OF SAMPLES 3 3 3 3 3 2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 04 | 02 | 76 | 1030 | | | .3 | | 1.400 | 0.041 | 0.420 | 2.800 | 0.011 | 0.620 | 1326.0 | 302.0 | | |
| 24 | 03 | 76 | 0950 | | | .3 | | | | | | | | | | | |
| 29 | 04 | 76 | 1100 | | | .3 | | 0.040 | 0.006 | 0.030 | 0.420 | 0.010 | 0.050 | 440.0 | 15.0L | | |
| MAXIMUM | | | | | | | | 1.400 | 0.041 | 0.420 | 2.800 | 0.011 | 0.620 | 1326.0 | 302.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.720 | 0.024 | 0.225 | 1.610 | 0.011 | 0.335 | 883.0 | 158.50 | | |
| MINIMUM | | | | | | | | 0.040 | 0.006 | 0.030 | 0.420 | 0.010 | 0.050 | 440.0 | 15.0 | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 04 | 02 | 76 | 1030 | | | .3 | | 960 | 140.00 | 145.0 | | | | | | | |
| 29 | 04 | 76 | 1100 | | | .3 | | 680 | 6.50 | 7.0 | | | | | | | |
| MAXIMUM | | | | | | | | 960 | 140.00 | 145.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 820 | 73.25 | 76.0 | | | | | | | |
| MINIMUM | | | | | | | | 680 | 6.50 | 7.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | | | | | | |

B.O.W./ SITE: CARP RIVER

SAMPLE POINT: AT BRIDGE EAST OF FITZROY HARBOUR
STATION TYPE: RIVER FLOW GAUGE FED 02KFO11

STATION ID: 18-3370-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

| STN NO | 20 | LAT | | LONG | | U.T.M. 18 0405350.0 5036100.0 4 | | | | REGION 04 | | MILEAGE | | 1.10 | | | |
|------------|-----------|----------|------|---------------------|------------|---------------------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 09 | 02 | 76 | 1120 | | | .3 | | 18109 | 2 | 10.60 | | | | | | | |
| 10 | 03 | 76 | 1155 | | | .3 | | 18132 | 4 | 57.50 | 1100. | 100. | 90. | | 0.0 | 7.0 | 1.4 |
| 06 | 04 | 76 | 1100 | | | .3 | | 18155 | 3 | 785.00 | 80. | 1. | 16. | | | | |
| 03 | 05 | 76 | 1020 | | | .3 | | 18178 | 5 | 96.20 | 100. | 8. | 4. | | 11.0 | 7.0 | 1.2 |
| 07 | 06 | 76 | 1115 | | | .3 | | 18201 | | 34.70 | 100. | 68. | 1. | | 21.0 | 10.0 | |
| 05 | 07 | 76 | 1050 | | | .3 | | 18224 | | 53.80 | 100. | 1. | 68. | | 23.0 | 8.0 | 1.0 |
| 09 | 08 | 76 | 1110 | | | .3 | | 18247 | | 8.40 | 400. | 1. | 84. | | 23.0 | 7.0 | |
| 14 | 09 | 76 | 1020 | | | .3 | | 18270 | 5 7 9 | 7.90 | 100. | 40. | 12. | | 19.0 | 7.0 | 0.8 |
| 18 | 10 | 76 | 1025 | | | .3 | | 18293 | | 45.50 | 800. | 4. | 4. | | 7.0 | 6.0 | |
| 08 | 11 | 76 | 1100 | | | .3 | | 18316 | | 70.20 | 250. | 22. | 2. | | 3.0 | 8.0 | 0.9 |
| 06 | 12 | 76 | 1110 | | | .3 | | 18339 | 4 | 18.30 | 500. | 8. | 10. | | 0.0 | 7.0 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--------|-------|------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 785.00 | 1100. | 100. | 90. | | 23.0 | 10.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | 108.01 | 226.* | 8.* | 11.* | | 11.9 | 7.4 | 1.1 |
| MINIMUM | | | | | | | | | | 7.90 | 80. | 1. | 1. | | 0.0 | 6.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 11 | 10 | 10 | 10 | | 9 | 9 | 5 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 | 02 | 76 | 1120 | | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 1155 | | | .3 | | 0.068 | 0.023 | 0.370 | 1.070 | 0.019 | 1.180 | 204.0 | 2.0 | | 202 |
| 06 | 04 | 76 | 1100 | | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 1020 | | | .3 | | 0.022 | 0.003 | 0.002L | 0.590 | 0.002 | 0.005L | 267.0 | 2.5 | | |
| 07 | 06 | 76 | 1115 | | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 1050 | | | .3 | | 0.064 | 0.026 | 0.002 | 0.760 | 0.006 | 0.061 | 305.0 | 4.5 | | |
| 09 | 08 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 14 | 09 | 76 | 1020 | | | .3 | | 0.017 | 0.004 | 0.004 | 0.700 | 0.002 | 0.005L | | | | |
| 18 | 10 | 76 | 1025 | | | .3 | | | | | | | | | | | |
| 08 | 11 | 76 | 1100 | | | .3 | | 0.016 | 0.004 | 0.002 | 0.420 | 0.006 | 0.169 | 321.0 | 4.1 | | |
| 06 | 12 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 0.068 | 0.026 | 0.370 | 1.070 | 0.019 | 1.180 | 321.0 | 4.5 | | 202 |
| AVG OR GEOM MN (*) | | | | | | | | 0.037 | 0.012 | 0.076D | 0.708 | 0.007 | 0.284D | 274.3 | 3.3 | | 202 |
| MINIMUM | | | | | | | | 0.016 | 0.003 | 0.002 | 0.420 | 0.002 | 0.005 | 204.0 | 2.0 | | 202 |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | | 1 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 03 | 76 | 1155 | | | .3 | | 310 | 1.50 | 55.0 | | | | | | | |
| 03 | 05 | 76 | 1020 | | | .3 | | 430 | 2.50 | 22.0 | | | | | | | |
| 05 | 07 | 76 | 1050 | | | .3 | | 470 | 3.10 | 27.0 | | | | | | | |
| 14 | 09 | 76 | 1020 | | | .3 | | 430 | 1.60 | 31.0 | | | | | | | |
| 08 | 11 | 76 | 1100 | | | .3 | | 520 | 3.20 | 31.0 | | | | | | | |
| MAXIMUM | | | | | | | | 520 | 3.20 | 55.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 432 | 2.38 | 33.2 | | | | | | | |
| MINIMUM | | | | | | | | 310 | 1.50 | 22.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 5 | 5 | 5 | | | | | | | |

B.O.W./ SITE: CARP RIVER
 SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF CARP
 STATION TYPE: RIVER

STATION ID: 18-3370-100-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: CARP RIVER

STORET CODE: 02
 006
 2490

| STN NO | 100 | LAT | LONG | U.T.M. 18 0417300.0 5022300.0 4 | | | | | | | | REGION 04 | MILEAGE | 16.30 | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1150 | | .3 | | 18488 | 4 | | 700. | 270. | 10. | | 0.0 | | |
| 09 | 02 | 76 | 1200 | | .3 | | 18111 | 4 | | 1200. | 370. | 10. | | 0.0 | 7.0 | |
| 10 | 03 | 76 | 1220 | | .3 | | 18134 | 4 | | 400. | 90. | 80. | | 0.0 | 8.0 | |
| 06 | 04 | 76 | 1145 | | .3 | | 18157 | 3 | | 1200. | 10. | L 40. | | | | |
| 03 | 05 | 76 | 1050 | | .3 | | 18180 | | | 1900. | 1. | 20. | | 11.0 | 9.0 | |
| 07 | 06 | 76 | 1150 | | .3 | | 18203 | | | 3000. | 72. | 20. | | 21.0 | 5.0 | |
| 05 | 07 | 76 | 1125 | | .3 | | 18226 | | | 100. | 1. | 24. | | 23.0 | 8.0 | |
| 09 | 08 | 76 | 1145 | | .3 | | 18249 | | | 10000. | 1. | 600. | G | 19.0 | 6.0 | |
| 14 | 09 | 76 | 1100 | | .3 | | 18272 | 9 5 | | 5000. | 550. | 20. | | 19.0 | 5.0 | |
| 18 | 10 | 76 | 1055 | | .3 | | 18295 | | | 1600. | 120. | 12. | | 7.0 | 4.0 | |
| 08 | 11 | 76 | 1140 | | .3 | | 18318 | | | 16000. | 1200. | 8. | | 2.0 | 6.0 | |
| 06 | 12 | 76 | 1155 | | .3 | | 18341 | 4 | | 4500. | 800. | 20. | | 0.0 | 6.0 | |
| | | | | | | | | | | 16000. | 1200. | 600. | | 23.0 | 9.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 1820.* | 52.* D | 25.* U | | 9.3 | 6.4 | |
| MINIMUM | | | | | | | | | | 100. | 1. | 8. | | 0.0 | 4.0 | |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | | 11 | 10 | |

B.O.W./ SITE: CARP RIVER
 SAMPLE POINT: AT HIGHWAY 17 UPSTREAM OF CARP
 STATION TYPE: RIVER

STATION ID: 18-3370-120-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: CARP RIVER

STORET CODE: 02
 006
 2490

| STN NO | 120 | LAT | LONG | U.T.M. 18 0420450.0 5020950.0 4 | | | | | | | | REGION 04 | MILEAGE | 18.70 | | |
|--------------------|-----------|----------|---------------------|---------------------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1200 | | .3 | | 18489 | 4 | | 2100. | 350. | 10. | | 0.0 | | |
| 09 | 02 | 76 | 1215 | | .3 | | 18112 | 4 | | 4500. | 1170. | 30. | | 0.0 | 8.0 | |
| 10 | 03 | 76 | 1230 | | .3 | | 18135 | 4 | | 1400. | 210. | 100. | | 0.0 | 8.0 | |
| 06 | 04 | 76 | 1200 | | .3 | | 18158 | 3 | | 30. | 150. | 10. | | | | |
| 03 | 05 | 76 | 1105 | | .3 | | 18181 | | | 1900. | 12. | 8. | | 11.0 | 9.0 | |
| 07 | 06 | 76 | 1205 | | .3 | | 18204 | | | 14500. | 188. | 24. | | 21.0 | 8.0 | |
| 05 | 07 | 76 | 1135 | | .3 | | 18227 | | | 7000. | 1. | 24. | | 23.0 | 8.0 | |
| 09 | 08 | 76 | 1200 | | .3 | | 18250 | | | 7000. | 1. | 96. | | 19.0 | 6.0 | |
| 14 | 09 | 76 | 1115 | | .3 | | 18273 | | | 3300. | 188. | 12. | | 18.0 | 6.0 | |
| 18 | 10 | 76 | 1115 | | .3 | | 18296 | | | 39000. | 630. | 20. | | 6.0 | 8.0 | |
| 08 | 11 | 76 | 1150 | | .3 | | 18319 | | | 15000. | 730. | 1. | | 2.0 | 6.0 | |
| 06 | 12 | 76 | 1210 | | .3 | | 18342 | 4 | | 43000. | 1500. | 16. | | 0.0 | 5.0 | |
| MAXIMUM | | | | | | | | | | 43000. | 1500. | 100. | | 23.0 | 9.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | | 4339.* | 112.* | 17.* | | 9.1 | 7.2 | |
| MINIMUM | | | | | | | | | | 30. | 1. | 1. | | 0.0 | 5.0 | |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | 12 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
 SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
 STATION TYPE: RIVER

STATION ID: 18-3430-030-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
 006
 2670

| STN NO | 30 | LAT | LONG | U.T.M. 18 0402000.0 5030500.0 4 | | | | REGION 04 | | MILEAGE | 2.30 | | | | | | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1040 | | | .3 | | 18487 | 4 | | 220. | 12. | 16. | | 0.0 | | 2.6 |
| 09 | 02 | 76 | 1100 | | | .3 | | 18108 | 4 | | 1200. | 544. | 4. | | 0.0 | 11.0 | |
| 10 | 03 | 76 | 1125 | | | .3 | | 18131 | 4 | | 11200. | 100. | L 52. | | 0.0 | 10.0 | 0.6 |
| 06 | 04 | 76 | 1045 | | | .3 | | 18154 | 3 | | 320. | 32. | 16. | | | | |
| 03 | 05 | 76 | 1010 | | | .3 | | 18177 | | | 400. | 44. | 1. | | 11.0 | 10.0 | 1.0 |
| 07 | 06 | 76 | 1100 | | | .3 | | 18200 | | | 1800. | 36. | 20. | | 21.0 | 10.0 | |
| 05 | 07 | 76 | 1030 | | | .3 | | 18223 | | | 200. | 1. | 12. | | 23.0 | 5.0 | 0.8 |
| 09 | 08 | 76 | 1055 | | | .3 | | 18246 | | | 500. | 1. | 1. | | 20.0 | 7.0 | |
| 14 | 09 | 76 | 1000 | | | .3 | | 18269 | | | 600. | 8. | 4. | | 18.0 | 8.0 | 0.6 |
| 18 | 10 | 76 | 1015 | | | .3 | | 18292 | | | 270. | 6. | 2. | | 7.0 | 9.0 | |
| 08 | 11 | 76 | 1035 | | | .3 | | 18315 | | | 1300. | 50. | 12. | | 2.0 | 8.0 | 1.1 |
| 06 | 12 | 76 | 1055 | | | .3 | | 18338 | | | 950. | 212. | 2. | | 0.0 | 11.0 | |
| | | | | | | | | | | | 11200. | 544. | 52. | | 23.0 | 11.0 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 699.* | 23.* D | 6.* | | 9.3 | 8.9 | 1.1 |
| MINIMUM | | | | | | | | | | | 200. | 1. | 1. | | 0.0 | 5.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | 12 | | 11 | 10 | 6 |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|-------------|------------|-----------------------|----|---------------------------------|--------------------------------------|-----------------------------------|------------------------------------|--|------------------------------------|----------------------------------|------------------------------------|-------------------------------|-------------------------------------|
| 12 | 01 | 76 | 1040 | | .3 | | 0.018 | 0.006 | 0.050 | 0.520 | 0.005 | 0.090 | 156. | 2.0 | | |
| 09 | 02 | 76 | 1100 | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 1125 | | .3 | | 0.028 | 0.010 | 0.106 | 0.560 | 0.006 | 0.359 | 152.0 | 1.9 | | 150 |
| 06 | 04 | 76 | 1045 | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 1010 | | .3 | | 0.024 | 0.002 | 0.004 | 0.410 | 0.003 | 0.032 | | 4.6 | | |
| 07 | 06 | 76 | 1100 | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 1030 | | .3 | | 0.036 | 0.015 | 0.012 | 0.480 | 0.004 | 0.053 | 163.0 | 6.9 | | |
| 09 | 08 | 76 | 1055 | | .3 | | | | | | | | | | | |
| 14 | 09 | 76 | 1000 | | .3 | | 0.022 | 0.008 | 0.008 | 0.470 | 0.001 | 0.005L | 146.0 | 2.9 | | |
| 18 | 10 | 76 | 1015 | | .3 | | | | | | | | | | | |
| 08 | 11 | 76 | 1035 | | .3 | | 0.044 | 0.018 | 0.020 | 0.410 | 0.005 | 0.100 | 172.0 | 6.2 | | |
| 06 | 12 | 76 | 1055 | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | | | 0.044 | 0.018 | 0.106 | 0.560 | 0.006 | 0.359 | 172.0 | 6.9 | | 150 |
| AVG OR GEOM MN (*) | | | | | | | 0.029 | 0.010 | 0.033 | 0.475 | 0.004 | 0.107D | 157.8 | 4.1 | | 150 |
| MINIMUM | | | | | | | 0.018 | 0.002 | 0.004 | 0.410 | 0.001 | 0.005 | 146.0 | 1.9 | | 150 |
| NO OF SAMPLES | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | | 1 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 12 | 01 | 76 | 1040 | | .3 | | 240 | 1.00 | 3.2 | 16.5 | 1.10 | 2.5 | 86 | 7.9 | 0.12 | |
| 10 | 03 | 76 | 1125 | | .3 | | 230 | 2.30 | 5.5 | 19.5 | 2.55 | 2.6 | 90 | 7.80 | 0.20 | |
| 03 | 05 | 76 | 1010 | | .3 | | 190 | 2.60 | 3.3 | 14.5 | 1.10 | 3.0 | 76 | 8.08 | | 0.140 |
| 05 | 07 | 76 | 1030 | | .3 | | 240 | 4.70 | 5.5 | | 2.25 | 3.3 | 104 | 8.09 | | 0.370 |
| 14 | 09 | 76 | 1000 | | .3 | | 225 | 2.00 | 4.2 | 14.0 | 1.80 | 1.4 | 93 | 8.23 | | 0.140 |
| 08 | 11 | 76 | 1035 | | .3 | | 255 | 2.40 | 8.0 | 13.5 | 1.80 | 3.2 | 109 | 8.20 | | 0.130 |
| MAXIMUM | | | | | | | 255 | 4.70 | 8.0 | 19.5 | 2.55 | 3.3 | 109 | 8.23 | 0.20 | 0.370 |
| AVG OR GEOM MN (*) | | | | | | | 230 | 2.50 | 5.0 | 15.6 | 1.77 | 2.7 | 93 | 8.05 | 0.16 | 0.195 |
| MINIMUM | | | | | | | 190 | 1.00 | 3.2 | 13.5 | 1.10 | 1.4 | 76 | 7.80 | 0.12 | 0.130 |
| NO OF SAMPLES | | | | | | | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 2 | 4 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 12 | 01 | 76 | 1040 | | .3 | | 1. L | 109. | 32. | 7.0 | 10 | 1.45 | 2.6 | | 24 | |
| 10 | 03 | 76 | 1125 | | .3 | | 1.0L | 116.0 | 35.00 | 7.00 | 20 | 1.50 | 3.60 | | 10 | |
| 03 | 05 | 76 | 1010 | | .3 | | 1.0L | 93.0 | 28.00 | 5.70 | 20 | 1.15 | 2.20 | | 28 | |
| 05 | 07 | 76 | 1030 | | .3 | | 1.0L | 118.0 | 34.00 | 8.00 | 30 | 1.10 | 4.00 | | 20 | |
| 14 | 09 | 76 | 1000 | | .3 | | 1.0 | 108.0 | 31.00 | 7.50 | 20 | 0.90 | 3.30 | | 38 | |
| 08 | 11 | 76 | 1035 | | .3 | | 1.0L | 114.0 | 31.00 | 8.50 | 30 | 1.40 | 5.90 | | 36 | |
| MAXIMUM | | | | | | | 1. L | 118.0 | 35.00 | 8.50 | 30 | 1.50 | 5.90 | | 38 | |
| AVG OR GEOM MN (*) | | | | | | | 1.00 | 109.7 | 31.83 | 7.28 | 22 | 1.25 | 3.60 | | 26 | |
| MINIMUM | | | | | | | 1. L | 93.0 | 28.00 | 5.70 | 10 | 0.90 | 2.20 | | 10 | |
| NO OF SAMPLES | | | | | | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | 6 | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 12 | 01 | 76 | 1040 | | .3 | | | | 0.050L | | 0.050 | | | 0.020 | 0.010 | 0.040 |
| 10 | 03 | 76 | 1125 | | .3 | | | | 0.100 | | 0.002 | | | 0.020L | 0.030 | 0.020L |
| 03 | 05 | 76 | 1010 | | .3 | | | | 0.480 | | 0.010 | | | 0.020L | 0.036 | 0.010L |
| 05 | 07 | 76 | 1030 | | .3 | | | | 0.390 | | 0.020 | | | 0.030 | 0.034 | 0.010L |
| 14 | 09 | 76 | 1000 | | .3 | | | | 0.500 | | 0.060 | | | 0.020 | 0.018 | 0.012L |
| 08 | 11 | 76 | 1035 | | .3 | | | | 0.140 | | 0.010L | | | 0.020L | 0.016 | 0.010L |
| MAXIMUM | | | | | | | | | 0.500 | | 0.060 | | | 0.030 | 0.036 | 0.040 |
| AVG OR GEOM MN (*) | | | | | | | | | 0.277D | | 0.025D | | | 0.022D | 0.024 | 0.017D |
| MINIMUM | | | | | | | | | 0.050 | | 0.002 | | | 0.020 | 0.010 | 0.010 |
| NO OF SAMPLES | | | | | | | | | 6 | | 6 | | | 6 | 6 | 6 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
| 12 | 01 | 76 | 1040 | | .3 | | 0.1 | | | | | | | | | 18487 |
| 10 | 03 | 76 | 1125 | | .3 | | 0.1L | | | | | | | | | 18131 |
| 03 | 05 | 76 | 1010 | | .3 | | 0.1 | | | | | | | | | 18177 |
| 05 | 07 | 76 | 1030 | | .3 | | 0.1 | | | | | | | | | 18223 |
| 14 | 09 | 76 | 1000 | | .3 | | 0.1 | | | | | | | | | 18269 |
| 08 | 11 | 76 | 1035 | | .3 | | 0.1 | | | | | | | | | 18315 |
| MAXIMUM | | | | | | | 0.1 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.1D | | | | | | | | | |
| MINIMUM | | | | | | | 0.1 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 6 | | | | | | | | | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT DAM BELOW PAKENHAM
STATION TYPE: RIVER

STATION ID: 18-3430-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 34 | LAT | LONG | U.T.M. 18 0399150.0 5020900.0 4 | | | | | | REGION 04 | | MILEAGE | 9.30 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | NPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 1020 | | | .3 | | 18486 | | | 560. | 80. | 24. | | 0.0 | | |
| 09 02 76 1030 | | | .3 | | 18107 | | | 2100. | 1460. | 1. | | 0.0 | 9.0 | |
| 10 03 76 1050 | | | .3 | | 18130 | | | 2600. | 380. | 8. | | 0.0 | 9.0 | |
| 06 04 76 1030 | | | .3 | | 18153 | 3 | | 100. | 1. | 32. | | | | |
| 03 05 76 0950 | | | .3 | | 18175 | 9 | | 1300. | 4. | 8. | | 11.0 | 7.0 | |
| 07 06 76 1045 | | | .3 | | 18199 | | | 5500. | 40. | 1. | | 21.0 | 8.0 | |
| 05 07 76 1005 | | | .3 | | 18222 | | | 300. | 1. | 20. | | 23.0 | 9.0 | |
| 09 08 76 1035 | | | .3 | | 18245 | | | 700. | 1. | 56. | | 21.0 | 9.0 | |
| 14 09 76 0940 | | | .3 | | 18268 | | | 500. | 8. | 20. | | 17.0 | 9.0 | |
| 18 10 76 0955 | | | .3 | | 18291 | | | 500. | 22. | 12. | | 7.0 | 8.0 | |
| 08 11 76 1020 | | | .3 | | 18314 | | | 2300. | 30. | 6. | | 2.0 | 10.0 | |
| 06 12 76 1035 | | | .3 | | 18337 | | | 270. | 42. | 14. | | 0.0 | 10.0 | |
| MAXIMUM | | | | | | | | 5500. | 1460. | 56. | | 23.0 | 10.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 803.* | 18.* | 10.* | | 9.3 | 8.8 | |
| MINIMUM | | | | | | | | 100. | 1. | 1. | | 0.0 | 7.0 | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT CPR BRIDGE PAKENHAM
STATION TYPE: RIVER

STATION ID: 18-3430-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 36 | LAT | LONG | U.T.M. 18 0398950.0 5019750.0 4 | | | | REGION 04 | | | | MILEAGE | 10.00 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 1010 | | | .3 | | 18485 | 4 | | 350. | 32. | 16. | | 0.0 | | |
| 09 02 76 1010 | | | .3 | | 18106 | 4 | | 4400. | 970. | 10. | | 0.0 | 11.0 | |
| 10 03 76 1035 | | | .3 | | 18129 | 4 | | 1600. | 240. | 10. | | 0.0 | 9.0 | |
| 06 04 76 1025 | | | .3 | | 18152 | 3 | | 220. | 40. | 1. | | | | |
| 03 05 76 0940 | | | .3 | | 18175 | | | 2100. | 60. | 20. | | 11.0 | 12.0 | |
| 07 06 76 1040 | | | .3 | | 18198 | | | 2700. | 24. | 16. | | 21.0 | 10.0 | |
| 05 07 76 1000 | | | .3 | | 18221 | | | 300. | 1. | 28. | | 23.0 | 10.0 | |
| 09 08 76 1030 | | | .3 | | 18244 | | | 1200. | 1. | 12. | | 21.0 | 9.0 | |
| 14 09 76 0930 | | | .3 | | 18267 | | | 400. | 8. | 16. | | 17.0 | 8.0 | |
| 18 10 76 0950 | | | .3 | | 18290 | | | 900. | 26. | 1. | | 7.0 | 6.0 | |
| 08 11 76 1015 | | | .3 | | 18313 | | | 900. | 38. | 24. | | 3.0 | 6.0 | |
| 06 12 76 1015 | | | .3 | | 18336 | 4 | | 190. | 62. | 6. | | 0.0 | 10.0 | |
| MAXIMUM | | | | | | | | 4400. | 970. | 28. | | 23.0 | 12.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 799.* | 28.* | 9.* | | 9.4 | 9.1 | |
| MINIMUM | | | | | | | | 190. | 1. | 1. | | 0.0 | 6.0 | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: DOWNSTREAM OF ALMONTE
STATION TYPE: RIVER

STATION ID: 18-3430-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 40 | LAT | LONG | U.T.M. 18 0404950.0 5009990.0 4 | | | | | | REGION 04 | | MILEAGE | 17.70 | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 0930 | | | .3 | | 18483 | 4 | | 10. | 4. | 4. | | 0.0 | | 1.2 |
| 09 02 76 0930 | | | .3 | | 18104 | 4 | | 200. | 20. | 10. | | 0.0 | 10.0 | |
| 10 03 76 0940 | | | .3 | | 18127 | 4 | | 10. | 1. | 100. | | 0.0 | 8.0 | 0.6 |
| 06 04 76 0945 | | | .3 | | 18150 | 9 3 | | 200. | 100. | 4. | | | | |
| 03 05 76 0855 | | | .3 | | 18173 | 9 | | 10000. G | 600. G | 600. G | | 11.0 | 11.0 | 2.2 |
| 07 06 76 1000 | | | .3 | | 18196 | | | 1800. | 10. | 40. | | 21.0 | 9.0 | |
| 05 07 76 0910 | | | .3 | | 18219 | 9 0 | | 13400. | 1. | 156. | | 24.0 | 8.0 | 0.6 |
| 09 08 76 0940 | | | .3 | | 18242 | | | 10600E+1 | 1. | 600. G | | 20.0 | 8.0 | |
| 14 09 76 0845 | | | .3 | | 18265 | | | 1200. | 48. | 600. L | | 17.0 | 8.0 | 0.4 |
| 18 10 76 0905 | | | .3 | | 18288 | | | 200. | 1. | 260. | | 6.0 | 6.0 | |
| 08 11 76 0925 | | | .3 | | 18311 | | | 900. | 44. | 100. L | | 2.0 | 7.0 | 0.9 |
| 06 12 76 0920 | | | .3 | | 18334 | | | 30. | 4. L | 4. L | | 0.0 | 10.0 | |
| MAXIMUM | | | | | | | | 10600E+1 | 600. | 600. | | 24.0 | 11.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | 543.* U | 9.* E | 60.* E | | 9.2 | 8.5 | 1.0 |
| MINIMUM | | | | | | | | 10. | 1. | 4. | | 0.0 | 6.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | 11 | 10 | 6 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 12 | 01 | 76 | 0930 | | | .3 | | 0.019 | 0.006 | 0.040 | 0.820 | 0.005 | 0.070 | | | | |
| 09 | 02 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 10 | 03 | 76 | 0940 | | | .3 | | 0.016 | 0.005 | 0.048 | 0.530 | 0.005 | 0.245 | | | | |
| 06 | 04 | 76 | 0945 | | | .3 | | | | | | | | | | | |
| 03 | 05 | 76 | 0855 | | | .3 | | 0.083 | 0.019 | 0.080 | 0.880 | 0.005 | 0.045 | | | | |
| 07 | 06 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 05 | 07 | 76 | 0910 | | | .3 | | 0.033 | 0.014 | 0.020 | 0.550 | 0.003 | 0.007 | | | | |
| 09 | 08 | 76 | 0940 | | | .3 | | | | | | | | | | | |
| 14 | 09 | 76 | 0845 | | | .3 | | 0.014 | 0.002 | 0.004 | 0.470 | 0.002 | 0.005L | | | | |
| 18 | 10 | 76 | 0905 | | | .3 | | | | | | | | | | | |
| 08 | 11 | 76 | 0925 | | | .3 | | 0.032 | 0.016 | 0.024 | 0.360 | 0.003 | 0.052 | | | | |
| 06 | 12 | 76 | 0920 | | | .3 | | | | | | | | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|
| MAXIMUM | 0.083 | 0.019 | 0.080 | 0.880 | 0.005 | 0.245 |
| AVG OR GEOM MN (*) | 0.033 | 0.010 | 0.036 | 0.602 | 0.004 | 0.071D |
| MINIMUM | 0.014 | 0.002 | 0.004 | 0.360 | 0.002 | 0.005 |

| | | | | | | |
|---------------|---|---|---|---|---|---|
| NO OF SAMPLES | 6 | 6 | 6 | 6 | 6 | 6 |
|---------------|---|---|---|---|---|---|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 12 | 01 | 76 | 0930 | | | .3 | | 200 | 0.80 | 3.3 | | | | | | | |
| 10 | 03 | 76 | 0940 | | | .3 | | 225 | 1.30 | 4.9 | | | | | | | |
| 03 | 05 | 76 | 0855 | | | .3 | | 195 | 2.90 | 5.0 | | | | | | | |
| 05 | 07 | 76 | 0910 | | | .3 | | 209 | 1.10 | 4.0 | | | | | | | |
| 14 | 09 | 76 | 0845 | | | .3 | | 200 | 1.00 | 2.8 | | | | | | | |
| 08 | 11 | 76 | 0925 | | | .3 | | 215 | 1.60 | | | | | | | | |

| | | | |
|--------------------|-----|------|-----|
| MAXIMUM | 225 | 2.90 | 5.0 |
| AVG OR GEOM MN (*) | 207 | 1.45 | 4.0 |
| MINIMUM | 195 | 0.80 | 2.8 |

| | | | |
|---------------|---|---|---|
| NO OF SAMPLES | 6 | 6 | 5 |
|---------------|---|---|---|

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: UPSTREAM OF ALMONTE
STATION TYPE: RIVER FLOW GAUGE FED 02KFO06

STATION ID: 18-3430-050-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| | | | | | | | | | | | |
|--------|----|-----|------|--------|----|-----------|-----------|---|-----------|---------|-------|
| STN NO | 50 | LAT | LONG | U.T.M. | 18 | 0406375.0 | 5008650.0 | 4 | REGION 04 | MILEAGE | 19.00 |
|--------|----|-----|------|--------|----|-----------|-----------|---|-----------|---------|-------|

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | BB PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0900 | | | .3 | | 18482 | 4 | 678.00 | 10. | 8. | 1. | | 0.0 | | |
| 09 | 02 | 76 | 0920 | | | .3 | | 18103 | 4 | 954.00 | 260. | 32. | 1. | | 0.0 | 10.0 | |
| 10 | 03 | 76 | 0925 | | | .3 | | 18126 | 4 | 1430.00 | 190. | 24. | 1. | | 0.0 | 10.0 | |
| 06 | 04 | 76 | 0935 | | | .3 | | 18149 | 3 | 8290.00 | 20. | 1. | 32. | | | | |
| 03 | 05 | 76 | 0845 | | | .3 | | 18172 | | 2420.00 | 250. | 1. | 4. | | 11.0 | 10.0 | |
| 07 | 06 | 76 | 0940 | | | .3 | | 18195 | | 1750.00 | 240. | 1. | 8. | | 21.0 | 8.0 | |
| 05 | 07 | 76 | 0900 | | | .3 | | 18218 | | 495.00 | 200. | 1. | 24. | | 23.0 | 9.0 | |
| 09 | 08 | 76 | 0920 | | | .3 | | 18241 | | 362.00 | 80. | 1. | 4. | | 20.0 | 8.0 | |
| 14 | 09 | 76 | 0835 | | | .3 | | 18264 | | 320.00 | 30. | 4. | 8. | | 17.0 | 8.0 | |
| 18 | 10 | 76 | 0900 | | | .3 | | 18287 | | 474.00 | 70. | 4. | 1. | | 6.0 | 6.0 | |
| 08 | 11 | 76 | 0915 | | | .3 | | 18310 | | 615.00 | 110. | 8. | 10. | | 2.0 | 9.0 | |
| 06 | 12 | 76 | 0915 | | | .3 | | 18333 | 4 | 800.00 | 90. | 8. | 26. | | 0.0 | 8.0 | |

| | | | | | | | |
|--------------------|--|---------|------|-----|-----|------|------|
| MAXIMUM | | 8290.00 | 260. | 32. | 32. | 23.0 | 10.0 |
| AVG OR GEOM MN (*) | | 1549.00 | 87.* | 4.* | 5.* | 9.1 | 8.6 |
| MINIMUM | | 320.00 | 10. | 1. | 1. | 0.0 | 6.0 |

| | | | | | | | |
|---------------|--|----|----|----|----|----|----|
| NO OF SAMPLES | | 12 | 12 | 12 | 12 | 11 | 10 |
|---------------|--|----|----|----|----|----|----|

E.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: BELOW CARLETON PLACE
STATION TYPE: RIVER

STATION ID: 18-3430-060-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 60 | LAT | LONG | U.T.M. 18 0411400.0 4999950.0 4 | | | | | | | | | | REGION 04 | MILEAGE | 28.20 |
|---------|--------|-------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 0845 | | | .3 | | 18481 | 4 | | 740. | 108. | 52. | | 0.0 | | 1.6 |
| 09 02 | 76 | 0855 | | | .3 | | 18102 | 4 | | 2900. | 284. | 132. | | 0.0 | 9.0 | |
| 10 03 | 76 | 0900 | | | .3 | | 18125 | 4 | | 2900. | 16. | 92. | | 0.0 | 9.0 | 0.6 |
| 06 04 | 76 | 0910 | | | .3 | | 18148 | 3 | | 1300. | 88. | 1. | | | | |
| 03 05 | 76 | 0820 | | | .3 | | 18171 | | | 300. | 8. | 1. | | 11.0 | 11.0 | 0.8 |
| 07 06 | 76 | 0930 | | | .3 | | 18194 | | | 2500. | 12. | 48. | | 21.0 | 8.0 | |
| 05 07 | 76 | 0810 | | | .3 | | 18217 | | | 300. | 1. | 8. | | 23.0 | 9.0 | 0.6 |
| 09 08 | 76 | 0905 | | | .3 | | 18240 | | | 300. | 1. | 324. | | 20.0 | 9.0 | |
| 14 09 | 76 | 0805 | | | .3 | | 18263 | | | 300. | 68. | 500. | | 17.0 | 8.0 | 0.6 |
| 18 10 | 76 | 0845 | | | .3 | | 18286 | | | 50. | 1. | 36. | | 5.0 | 6.0 | |
| 08 11 | 76 | 0820 | | | .3 | | 18309 | | | 70. | 12. | 4. | | 2.0 | 9.0 | 1.6 |
| 06 12 | 76 | 0900 | | | .3 | | 18332 | 4 | | 200. | 2. L | 8. | | 0.0 | 11.0 | |

| | | | | | | | | | |
|--------------------|--|--|--|-------|--------|------|------|------|-----|
| MAXIMUM | | | | 2900. | 284. | 500. | 23.0 | 11.0 | 1.6 |
| AVG OR GEOM MN (*) | | | | 469.* | 12.* D | 24.* | 9.0 | 8.9 | 1.0 |
| MINIMUM | | | | 50. | 1. | 1. | 0.0 | 6.0 | 0.6 |
| NO OF SAMPLES | | | | 12 | 12 | 12 | 11 | 10 | 6 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|---------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 12 01 | 76 0845 | | | | .3 | | 0.044 | 0.011 | 0.060 | 0.760 | 0.005 | 0.070 | | | | |
| 09 02 | 76 0855 | | | | .3 | | | | | | | | | | | |
| 10 03 | 76 0900 | | | | .3 | | 0.020 | 0.007 | 0.060 | 0.470 | 0.008 | 0.247 | | | | |
| 06 04 | 76 0910 | | | | .3 | | | | | | | | | | | |
| 03 05 | 76 0820 | | | | .3 | | 0.022 | 0.004 | 0.020 | 0.420 | 0.005 | 0.035 | | | | |
| 07 06 | 76 0930 | | | | .3 | | | | | | | | | | | |
| 05 07 | 76 0810 | | | | .3 | | 0.012 | 0.001 | 0.004 | 0.340 | 0.002 | 0.005L | | | | |
| 09 08 | 76 0905 | | | | .3 | | | | | | | | | | | |
| 14 09 | 76 0805 | | | | .3 | | 0.012 | 0.003 | 0.011 | 0.450 | 0.002 | 0.008 | | | | |
| 18 10 | 76 0845 | | | | .3 | | | | | | | | | | | |
| 08 11 | 76 0820 | | | | .3 | | 0.014 | 0.003 | 0.012 | 0.450 | 0.001 | 0.014 | | | | |
| 06 12 | 76 0900 | | | | .3 | | | | | | | | | | | |

| | | | | | | | | | |
|--------------------|--|--|--|-------|-------|-------|-------|-------|--------|
| MAXIMUM | | | | 0.044 | 0.011 | 0.060 | 0.760 | 0.008 | 0.247 |
| AVG OR GEOM MN (*) | | | | 0.021 | 0.005 | 0.028 | 0.482 | 0.004 | 0.063D |
| MINIMUM | | | | 0.012 | 0.001 | 0.004 | 0.340 | 0.001 | 0.005 |
| NO OF SAMPLES | | | | 6 | 6 | 6 | 6 | 6 | 6 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|---------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 12 01 | 76 0845 | | | | .3 | | 200 | 1.00 | 2.9 | | | | | | | |
| 10 03 | 76 0900 | | | | .3 | | 230 | 1.30 | 4.5 | | | | | | | |
| 03 05 | 76 0820 | | | | .3 | | 185 | 1.30 | 2.8 | | | | | | | |
| 05 07 | 76 0810 | | | | .3 | | 180 | 0.85 | 2.5 | | | | | | | |
| 14 09 | 76 0805 | | | | .3 | | 190 | 1.00 | 2.2 | | | | | | | |
| 08 11 | 76 0820 | | | | .3 | | 175 | 1.20 | | | | | | | | |

| | | | | | | |
|--------------------|--|--|--|-----|------|-----|
| MAXIMUM | | | | 230 | 1.30 | 4.5 |
| AVG OR GEOM MN (*) | | | | 193 | 1.11 | 3.0 |
| MINIMUM | | | | 175 | 0.85 | 2.2 |
| NO OF SAMPLES | | | | 6 | 6 | 5 |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: ABOVE CARLETON PLACE
STATION TYPE: RIVER

STATION ID: 18-3430-070-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | | 70 | LAT | | LONG | | U.T.M. 18 0408850.0 4997350.0 4 | | | | REGION 04 | | MILEAGE | | 30.20 | |
|---------|--------|-------|---------------|---------|-----------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 01 | 76 | 0835 | | | .3 | | 18480 | 4 | | 20. | 1. | 1. | | 0.0 | | |
| 09 02 | 76 | 0840 | | | .3 | | 18101 | | | 30. | 1. | 1. | | 0.0 | 9.0 | |
| 10 03 | 76 | 0835 | | | .3 | | 18124 | 4 | | 10. | 4. | 4. | | 0.0 | 8.0 | |
| 06 04 | 76 | 0845 | | | .3 | | 18147 | 3 | | 39. | 1. | 1. | | | | |
| 03 05 | 76 | 0805 | | | .3 | | 18170 | | | 300. | 1. | 40. | | 11.0 | 9.0 | |
| 07 06 | 76 | 0845 | | | .3 | | 18193 | | | 300. | 24. | 16. | | 21.0 | 8.0 | |
| 05 07 | 76 | 0845 | | | .3 | | 18216 | 9 | | 30. | 1. | 1. | | 23.0 | 9.0 | |
| 09 08 | 76 | 0900 | | | .3 | | 18239 | | | 100. | 1. | 4. | | 20.0 | 7.0 | |
| 14 09 | 76 | 0815 | | | .3 | | 18262 | | | 300. | 1. | 48. | | 17.0 | 8.0 | |
| 18 10 | 76 | 0835 | | | .3 | | 18285 | | | 150. | 1. | 4. | | 5.0 | 5.0 | |
| 08 11 | 76 | 0845 | | | .3 | | 18308 | | | 50. | 1. | 1. | | 1.0 | 5.0 | |
| 06 12 | 76 | 0815 | | | .3 | | 18331 | 4 | | 10. | 2. L | 2. L | | 0.0 | 5.0 | |

| | | | | | | |
|--------------------|--|--|--|------|-------|-------|
| MAXIMUM | | | | 300. | 24. | 48. |
| AVG OR GEOM MN (*) | | | | 58.* | 2.* D | 4.* D |
| MINIMUM | | | | 10. | 1. | 1. |
| NO OF SAMPLES | | | | 12 | 12 | 12 |

B.O.W./ SITE: MISSISSIPPI LAKE
SAMPLE POINT: NEAR LAKE PARK
STATION TYPE: LAKE

STATION ID: 18-3430-100-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 100 | LAT | LONG | U.T.M. | 18 0407650.0 4995700.0 4 | REGION 04 | MILEAGE | 32.20 | | | | | | |
|--------------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 12 01 76 0825 | | | .3 | | 18479 | 4 | | 10. | L | 1. | | 0.0 | | |
| 09 02 76 0830 | | | .3 | | 18100 | 4 | | 10. | L | 1. | | 0.0 | 9.0 | |
| 10 03 76 0825 | | | .3 | | 18123 | 4 | | 100. | L | 10. | L | 0.0 | 7.0 | |
| 06 04 76 0830 | | | .3 | | 18146 | 9 3 | | 10. | | 10. | L | | | |
| 03 05 76 0800 | | | .3 | | 18169 | 9 3 | | 300. | | 8. | | 11.0 | 10.0 | |
| 07 06 76 0900 | | | .3 | | 18192 | | | 500. | | 12. | | 21.0 | 9.0 | |
| 05 07 76 0830 | | | .3 | | 18215 | 9 | | 1100. | | 1. | | 24.0 | 11.0 | |
| 09 08 76 0845 | | | .3 | | 18238 | | | 2000. | | 1. | | 19.0 | 9.0 | |
| 14 09 76 0730 | | | .3 | | 18251 | 7 | | 300. | | 4. | | 17.0 | 8.0 | |
| 18 10 76 0820 | | | .3 | | 18284 | | | 200. | | 2. | | 5.0 | 5.0 | |
| 08 11 76 0830 | | | .3 | | 18307 | | | 80. | | 2. | | 2.0 | 6.0 | |
| 06 12 76 0840 | | | .3 | | 18330 | 4 | | 20. | | 2. | L | 0.0 | 6.0 | |
| MAXIMUM | | | | | | | | 2000. | 12. | 108. | | 24.0 | 11.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 110.* D | 2.* D | 7.* D | | 9.0 | 8.0 | |
| MINIMUM | | | | | | | | 10. | 1. | 1. | | 0.0 | 5.0 | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT HIGHWAY 7 INNISVILLE
STATION TYPE: RIVER

STATION ID: 18-3430-150-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 150 | LAT | LONG | U.T.M. | 18 0401750.0 4989350.0 4 | REGION 04 | MILEAGE | 41.80 | | | | | | |
|--------------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 0830 | | | .3 | | 18492 | 4 | | 1. | 1. | 1. | | 0.0 | | |
| 10 02 76 0840 | | | .3 | | 18115 | 4 | | 1444. | 92. | 1. | | 0.0 | 7.0 | |
| 16 03 76 0830 | | | .3 | | 18138 | | | | | | | 0.0 | 9.0 | |
| 07 04 76 0855 | | | .3 | | 18161 | 3 | | 190. | 4. | 8. | | | | |
| 04 05 76 0815 | | | .3 | | 18184 | | | 1000. | 1. | 8. | | 11.0 | 8.0 | |
| 08 06 76 1405 | | | .3 | | 18207 | | | 140. | 12. | 4. | | 21.0 | 8.0 | |
| 05 07 76 1345 | | | .3 | | 18230 | | | 300. | 1. | 8. | | 23.0 | 8.0 | |
| 10 08 76 0840 | | | .3 | | 18253 | | | 110. | 1. | 1. | | 20.0 | 7.0 | |
| 15 09 76 1340 | | | .3 | | 18276 | | | 140. | 2. | 26. | | 19.0 | 5.0 | |
| 19 10 76 1340 | | | .3 | | 18299 | | | 30. | 2. | 4. | | 8.0 | 6.0 | |
| 09 11 76 1200 | | | .3 | | 18322 | | | 40. | 1. | 2. | | 3.0 | 11.0 | |
| 07 12 76 1300 | | | .3 | | 18345 | | | 110. | 2. | 6. | | 0.0 | 9.0 | |
| MAXIMUM | | | | | | | | 1444. | 92. | 26. | | 23.0 | 11.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 108.* | 3.* | 4.* | | 9.5 | 7.8 | |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 5.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT DALHOUSIE LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-3430-175-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 175 | LAT | LONG | U.T.M. | 18 0378675.0 4980850.0 4 | REGION 04 | MILEAGE | 64.00 | | | | | | |
|--------------------|------|-----|-------|--------|--------------------------|-----------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1300 | | | .3 | | 18499 | | | 130. | 10. | L | 10. | L | 0.0 | |
| 10 02 76 1345 | | | .3 | | 18122 | | | 1. | 1. | 1. | | 0.0 | 11.0 | |
| 16 03 76 1345 | | | .3 | | 18145 | | | | | | | 0.0 | 11.0 | |
| 07 04 76 1335 | | | .3 | | 18168 | 3 | | 60. | 1. | 4. | | | | |
| 04 05 76 1250 | | | .3 | | 18191 | | | 200. | 1. | 4. | | 10.0 | 12.0 | |
| 08 06 76 0900 | | | .3 | | 18214 | | | 10. | 4. | 8. | | 21.0 | 10.0 | |
| 06 07 76 0810 | | | .3 | | 18237 | | | 1000. | L | 1. | 1. | 23.0 | 9.0 | |
| 10 08 76 1330 | | | .3 | | 18260 | | | 200. | 1. | 20. | | 20.0 | 9.0 | |
| 15 09 76 0900 | | | .3 | | 18283 | | | 430. | 18. | 280. | | 18.0 | 8.0 | |
| 19 10 76 0835 | | | .3 | | 18306 | | | 30. | 1. | 1. | | 7.0 | 11.0 | |
| 09 11 76 0810 | | | .3 | | 18329 | | | 40. | 2. | 1. | | 2.0 | 8.0 | |
| 07 12 76 0900 | | | .3 | | 18352 | | | 20. | 2. | 2. | | 0.0 | 12.0 | |
| MAXIMUM | | | | | | | | 1000. | 18. | 280. | | 23.0 | 12.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 59.* D | 2.* D | 4.* D | | 9.2 | 10.1 | |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 8.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT HIGHWAY 509 NEAR STONE ROAD STATION
STATION TYPE: RIVER

STATION ID: 18-3430-185-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 185 | LAT | LONG | U.T.M. 18 0366850.0 4977550.0 4 | REGION 04 | MILEAGE | 73.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1220 | | | .3 | | 18498 | | | 40. | 1. | 1. | | 0.0 | | |
| 10 02 76 1315 | | | .3 | | 18121 | | | 1. | 1. | 1. | | 0.0 | 14.0 | |
| 16 03 76 1320 | | | .3 | | 18144 | | | | | | | 0.0 | 13.0 | |
| 07 04 76 1315 | | | .3 | | 18167 | 3 | | 20. | 1. | 1. | | | | |
| 04 05 76 1235 | | | .3 | | 18190 | | | 300. | 1. | 8. | | 10.0 | 12.0 | |
| 08 06 76 0945 | | | .3 | | 18213 | | | 100. | 16. | 1. | | 21.0 | 9.0 | |
| 06 07 76 0845 | | | .3 | | 18236 | | | 300. | 1. | 1. | | 23.0 | 9.0 | |
| 10 08 76 1310 | | | .3 | | 18259 | | | 40. | 1. | 1. | | 20.0 | 10.0 | |
| 15 09 76 0920 | | | .3 | | 18282 | | | 310. | 1. | 1. | | 18.0 | 8.0 | |
| 19 10 76 0910 | | | .3 | | 18305 | | | 16. | 1. | 4. | | 8.0 | 9.0 | |
| 09 11 76 0830 | | | .3 | | 18328 | | | 50. | 8. | 6. | | 2.0 | 10.0 | |
| 07 12 76 0925 | | | .3 | | 18351 | | | 70. | 2. | L 116. | | 0.0 | 8.0 | |
| MAXIMUM | | | | | | | | 310. | 16. | 116. | | 23.0 | 14.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 50.* | 2.* D | 2.* | | 9.3 | 10.2 | |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 8.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT KASHWAKAMAK LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-3430-210-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 210 | LAT | LONG | U.T.M. 18 0345300.0 4972625.0 4 | REGION 04 | MILEAGE | 91.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1115 | | | .3 | | 18496 | | | 4. | 1. | 1. | | 0.0 | | |
| 10 02 76 1200 | | | .3 | | 18119 | | | 4. | 1. | 1. | | 0.0 | 12.0 | |
| 16 03 76 1150 | | | .3 | | 18142 | | | | | | | 0.0 | 12.0 | |
| 07 04 76 1130 | | | .3 | | 18165 | 3 | | 40. | 1. | 1. | | | | |
| 04 05 76 1115 | | | .3 | | 18188 | | | 60. | 1. | 1. | | 10.0 | 11.0 | |
| 08 06 76 1100 | | | .3 | | 18211 | | | 200. | 4. | 4. | | 21.0 | 10.0 | |
| 06 07 76 1025 | | | .3 | | 18234 | | | 330. | 1. | 1. | | 23.0 | 10.0 | |
| 10 08 76 1200 | | | .3 | | 18257 | | | 10. | 1. | 1. | | 20.0 | 10.0 | |
| 15 09 76 1025 | | | .3 | | 18280 | | | 50. | 1. | 1. | | 18.0 | 12.0 | |
| 19 10 76 1010 | | | .3 | | 18303 | | | 40. | 1. | 1. | | 8.0 | 9.0 | |
| 09 11 76 1025 | | | .3 | | 18326 | | | 60. | 2. | 1. | | 2.0 | 12.0 | |
| 07 12 76 1030 | | | .3 | | 18349 | | | 20. | 2. | L 132. | | 0.0 | 11.0 | |
| MAXIMUM | | | | | | | | 330. | 4. | 132. | | 23.0 | 12.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 34.* | 1.* D | 2.* | | 9.3 | 10.9 | |
| MINIMUM | | | | | | | | 4. | 1. | 1. | | 0.0 | 9.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT MAZINAW LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 18-3430-230-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 230 | LAT | LONG | U.T.M. 18 0328500.0 4968350.0 4 | REGION 04 | MILEAGE | 105.20 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|---------|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 13 01 76 1015 | | | .3 | | 18494 | | | 24. | 1. | 1. | | 0.0 | | |
| 10 02 76 1030 | | | .3 | | 18117 | | | 1. | 1. | 1. | | 0.0 | 10.0 | |
| 16 03 76 1030 | | | .3 | | 18140 | | | | | | | 0.0 | 11.0 | |
| 07 04 76 1045 | | | .3 | | 18163 | 3 | | 10. | 1. | 1. | | | | |
| 04 05 76 1000 | | | .3 | | 18186 | | | 1. | 1. | 1. | | 10.0 | 12.0 | |
| 08 06 76 1155 | | | .3 | | 18209 | | | 10. | 1. | 1. | | 21.0 | 12.0 | |
| 06 07 76 1145 | | | .3 | | 18232 | | | 28. | 1. | 8. | | 23.0 | 10.0 | |
| 10 08 76 1045 | | | .3 | | 18255 | | | 64. | 1. | 4. | | 20.0 | 8.0 | |
| 15 09 76 1145 | | | .3 | | 18278 | | | 10. L | 2. | 2. | | 19.0 | 8.0 | |
| 19 10 76 1110 | | | .3 | | 18301 | | | 30. | 1. | 1. | | 8.0 | 7.0 | |
| 09 11 76 1315 | | | .3 | | 18324 | | | 12. | 1. | 2. | | 2.0 | 9.0 | |
| 07 12 76 1120 | | | .3 | | 18347 | | | 4. L | 2. | 172. | | 0.0 | 8.0 | |
| MAXIMUM | | | | | | | | 64. | 2. | 172. | | 23.0 | 12.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 10.* D | 1.* | 2.* | | 9.4 | 9.5 | |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 7.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W. / SITE: MISSISSIPPI RIVER
 SAMPLE POINT: AT MAZINAW LAKE INLET
 STATION TYPE: RIVER

STATION ID: 18-3430-234-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
 006
 2670

STN NO 234 LAT LONG U.T.M. 18 0323200.0 4980900.0 4 REGION 04 MILEAGE 114.00

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 13 | 01 | 76 | 1035 | | .3 | | 18495 | | | 1. | 1. | 1. | | 0.0 | | |
| 10 | 02 | 76 | 1055 | | .3 | | 18118 | | | 10. | 10. | 1. | | 0.0 | 11.0 | |
| 16 | 03 | 76 | 1045 | | .3 | | 18141 | | | | | | | 0.0 | 11.0 | |
| 07 | 04 | 76 | 1100 | | .3 | | 18164 | 3 | | 150. | 1. | 1. | | | | |
| 04 | 05 | 76 | 1025 | | .3 | | 18187 | | | 30. | 1. | 1. | | 10.0 | 12.0 | |
| 08 | 06 | 76 | 1210 | | .3 | | 18210 | | | 20. | 1. | 1. | | 21.0 | 11.0 | |
| 06 | 07 | 76 | 1110 | | .3 | | 18233 | | | 210. | 1. | 1. | | 23.0 | 9.0 | |
| 10 | 08 | 76 | 1100 | | .3 | | 18256 | | | 30. | 1. | 1. | | 20.0 | 10.0 | |
| 15 | 09 | 76 | 1115 | | .3 | | 18279 | | | 364. | 294. | 1. | | 19.0 | 8.0 | |
| 19 | 10 | 76 | 1125 | | .3 | | 18302 | | | 36. | 1. | 1. | | 8.0 | 8.0 | |
| 09 | 11 | 76 | 1300 | | .3 | | 18325 | | | 10. | 1. | 1. | | 2.0 | 9.0 | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

364.
 31.* D
 1.

294.
 2.* D
 1.

10.
 1.* D
 1.

23.0
 10.3
 0.0

12.0
 9.9
 8.0

NO OF SAMPLES

10 10 10 10 9

B.O.W. / SITE: INDIAN RIVER
 SAMPLE POINT: AT CLAYTON LAKE OUTLET
 STATION TYPE: RIVER

STATION ID: 18-3430-250-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
 006
 2670

STN NO 250 LAT LONG U.T.M. 18 0395800.0 5004850.0 4 REGION 04 MILEAGE 24.10

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 0950 | | .3 | | 18484 | 4 | | 10. | 1. | 1. | | 0.0 | | |
| 09 | 02 | 76 | 1000 | | .3 | | 18105 | | | 10. | 4. | 1. | | 0.0 | 10.0 | |
| 10 | 03 | 76 | 1015 | | .3 | | 18128 | 4 | | 40. | 1. | 1. | | 0.0 | 10.0 | |
| 06 | 04 | 76 | 1000 | | .3 | | 18151 | 3 | | 10. | 1. | 10. | | | | |
| 03 | 05 | 76 | 0920 | | .3 | | 18174 | | | 90. | 1. | 1. | | 11.0 | 7.0 | |
| 07 | 06 | 76 | 1020 | | .3 | | 18197 | | | 24. | 4. | 1. | | 22.0 | 8.0 | |
| 05 | 07 | 76 | 0935 | | .3 | | 18220 | | | 200. | 1. | 1. | | 23.0 | 8.0 | |
| 09 | 08 | 76 | 1000 | | .3 | | 18243 | | | 200. | 1. | 1. | | 20.0 | 8.0 | |
| 14 | 09 | 76 | 0900 | | .3 | | 18266 | | | 10. | 1. | 12. | | 18.0 | 8.0 | |
| 18 | 10 | 76 | 0930 | | .3 | | 18289 | | | 40. | 1. | 2. | | 6.0 | 8.0 | |
| 08 | 11 | 76 | 1000 | | .3 | | 18312 | | | 190. | 1. | 1. | | 3.0 | 11.0 | |
| 06 | 12 | 76 | 0940 | | .3 | | 18335 | | | 50. | 2. | 2. | | 0.0 | 9.0 | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

200.
 39.* D
 10.

4.
 1.* D
 1.

12.
 2.* D
 1.

23.0
 9.4
 0.0

11.0
 8.7
 7.0

NO OF SAMPLES

12 12 12 11 10

B.O.W. / SITE: CLYDE RIVER
 SAMPLE POINT: BELOW LANARK
 STATION TYPE: RIVER

STATION ID: 18-3430-520-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
 006
 2670

STN NO 520 LAT LONG U.T.M. 18 0392425.0 4985000.0 4 REGION 04 MILEAGE 54.00

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 12 | 01 | 76 | 1250 | | .3 | | 18490 | 4 | | 680. | 48. | 16. | | 0.0 | | |
| 09 | 02 | 76 | 1325 | | .3 | | 18113 | 4 | | 100. | 60. | 10. | | 0.0 | 9.0 | |
| 10 | 03 | 76 | 1350 | | .3 | | 18136 | 4 | | 400. | 200. | 10. | | 0.0 | 8.0 | |
| 03 | 05 | 76 | 1210 | | .3 | | 18182 | | | 1200. | 4. | 1. | | 11.0 | 9.0 | |
| 07 | 06 | 76 | 1300 | | .3 | | 18205 | | | 800. | 12. | 8. | | 21.0 | 8.0 | |
| 05 | 07 | 76 | 1235 | | .3 | | 18228 | | | 200. | 1. | 20. | | 24.0 | 9.0 | |
| 09 | 08 | 76 | 1250 | | .3 | | 18251 | | | 2400. | 1. | 12. | | 20.0 | 8.0 | |
| 14 | 09 | 76 | 1225 | | .3 | | 18274 | 7 | | 2800. | 324. | 4. | | 20.0 | 8.0 | |
| 18 | 10 | 76 | 1220 | | .3 | | 18297 | | | 3500. | 276. | 10. | | 6.0 | 7.0 | |
| 08 | 11 | 76 | 1250 | | .3 | | 18320 | | | 1600. | 40. | 16. | | 3.0 | 7.0 | |
| 06 | 12 | 76 | 1330 | | .3 | | 18343 | 4 | | 1100. | 120. | 12. | | 0.0 | 7.0 | |

MAXIMUM
 AVG OR GEOM MN (")
 MINIMUM

3500.
 870.*
 100.

324.
 29.*
 1.

20.
 9.* D
 1.

24.0
 9.5
 0.0

9.0
 8.0
 7.0

NO OF SAMPLES

11 11 11 11 10

B.O.W. / SITE: CLYDE RIVER
SAMPLE POINT: ABOVE LANARK
STATION TYPE: RIVER FLOW GAUGE FED 02KFD10

STATION ID: 18-3430-530-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 530 | LAT | LONG | U.T.M. 18 0392500.0 4987000.0 4 | | | | | | REGION 04 | MILEAGE | 56.00 | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 12 | 01 | 76 | 1310 | | .3 | | 18491 | 4 | 84.50 | 20. | 10. L | 1. | | 0.0 | | |
| 09 | 02 | 76 | 1315 | | .3 | | 18114 | 4 | 107.00 | 36. | 12. | 1. | | 0.0 | 9.0 | |
| 10 | 03 | 76 | 1340 | | .3 | | 18137 | 4 | 342.00 | 100. | 10. L | 10. L | | 0.0 | 5.0 | |
| 06 | 04 | 76 | 1245 | | .3 | | 18160 | 3 | 2430.00 | 10. | 10. L | 40. | | | | |
| 03 | 05 | 76 | 1200 | | .3 | | 18183 | | 401.00 | 72. | 44. | 1. | | 11.0 | 9.0 | |
| 07 | 06 | 76 | 1255 | | .3 | | 18206 | | 295.00 | 300. | 4. | 8. | | 21.0 | 8.0 | |
| 05 | 07 | 76 | 1230 | | .3 | | 18229 | | 114.00 | 130. | 1. | 8. | | 24.0 | 11.0 | |
| 09 | 08 | 76 | 1305 | | .3 | | 18252 | | 57.60 | 100. | 1. | 1. | | 21.0 | 9.0 | |
| 14 | 09 | 76 | 1210 | | .3 | | 18275 | 5 | 16.30 | 100. | 8. | 1. | | 20.0 | 8.0 | |
| 18 | 10 | 76 | 1210 | | .3 | | 18298 | | 80.30 | 210. | 1. | 1. | | 6.0 | 9.0 | |
| 08 | 11 | 76 | 1245 | | .3 | | 18321 | | 148.00 | 200. | 1. | 1. | | 2.0 | 7.0 | |
| 06 | 12 | 76 | 1320 | | .3 | | 18344 | 4 | 116.00 | 50. | 6. | 4. | | 0.0 | 8.0 | |
| MAXIMUM | | | | | | | | | 2430.00 | 300. | 44. | 40. | | 24.0 | 11.0 | |
| AVG OR GEOM MN (*) | | | | | | | | | 349.31 | 77.* | 5.* D | 3.* D | | 9.5 | 8.3 | |
| MINIMUM | | | | | | | | | 16.30 | 10. | 1. | 1. | | 0.0 | 5.0 | |
| NO OF SAMPLES | | | | | | | | | 12 | 12 | 12 | 12 | | 11 | 10 | |

B.O.W. / SITE: CANOTO LAKE
SAMPLE POINT: AT DAM CANOTO LAKE INLET
STATION TYPE: RIVER

STATION ID: 18-3430-572-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 572 | LAT | LONG | U.T.M. 18 0357150.0 4988500.0 4 | REGION 04 | MILEAGE | 93.20 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 01 76 1145 | | | .3 | | 18497 | | | 32. | 1. | 4. | | 0.0 | | |
| 10 02 76 1240 | | | .3 | | 18120 | | | 4. | 1. | 1. | | 0.0 | 10.0 | |
| 16 03 76 1245 | | | .3 | | 18143 | | | | | | | 0.0 | 7.0 | |
| 07 04 76 1235 | | | .3 | | 18166 | 3 | | 10. | 1. | 1. | | | | |
| 04 05 76 1145 | | | .3 | | 18189 | | | 40. | 1. | 1. | | 10.0 | 11.0 | |
| 08 06 76 1010 | | | .3 | | 18212 | | | 12. | 1. | 1. | | 21.0 | 9.0 | |
| 06 07 76 0925 | | | .3 | | 18235 | | | 1000. L | 1. | 1. | | 23.0 | 9.0 | |
| 10 08 76 1235 | | | .3 | | 18258 | | | 30. | 1. | 1. | | 20.0 | 10.0 | |
| 15 09 76 0950 | | | .3 | | 18281 | | | 90. | 1. | 1. | | 18.0 | 7.0 | |
| 19 10 76 0940 | | | .3 | | 18304 | | | 1. | 1. | 1. | | 8.0 | 10.0 | |
| 09 11 76 0945 | | | .3 | | 18327 | | | 10. L | 1. | 1. | | 1.0 | 8.0 | |
| 07 12 76 1010 | | | .3 | | 18350 | | | 4. | 2. L | 124. | | 0.0 | 11.0 | |
| MAXIMUM | | | | | | | | 1000. | 2. | 124. | | 23.0 | 11.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 18.* D | 1.* D | 2.* | | 9.2 | 9.2 | |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 7.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W. / SITE: SHERBOT LAKE
SAMPLE POINT: AT HIGHWAY 38 SHERBOT LAKE
STATION TYPE: RIVER

STATION ID: 18-3430-630-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

| STN NO | 630 | LAT | LONG | U.T.M. 18 0366250.0 4958275.0 4 | REGION 04 | MILEAGE | 80.10 | | | | | | | |
|--------------------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DTE HOUR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 13 01 76 0920 | | | .3 | | 18493 | | | 4. | 1. | 1. | | 0.0 | | |
| 10 02 76 0940 | | | .3 | | 18116 | | | 4. | 1. | 1. | | 0.0 | 6.0 | |
| 16 03 76 0920 | | | .3 | | 18139 | | | | | | | 0.0 | 10.0 | |
| 07 04 76 0950 | | | .3 | | 18162 | 3 | | 10. | 1. | 1. | | | | |
| 04 05 76 0900 | | | .3 | | 18185 | | | 50. | 1. | 4. | | 10.0 | 13.0 | |
| 08 06 76 1330 | | | .3 | | 18208 | | | 30. | 1. | 1. | | 21.0 | 11.0 | |
| 06 07 76 1305 | | | .3 | | 18231 | | | 2100. | 1. | 280. | | 23.0 | 10.0 | |
| 10 08 76 0930 | | | .3 | | 18254 | | | 100. | 1. | 8. | | 20.0 | 9.0 | |
| 15 09 76 1300 | | | .3 | | 18277 | | | 20. | 1. | 1. | | 19.0 | 10.0 | |
| 19 10 76 1245 | | | .3 | | 18300 | | | 4. | 1. | 1. | | 8.0 | 10.0 | |
| 09 11 76 1100 | | | .3 | | 18323 | | | 10. | 8. | 1. | | 3.0 | 10.0 | |
| 07 12 76 1200 | | | .3 | | 18346 | | | 20. | 2. L | 148. | | 0.0 | 8.0 | |
| MAXIMUM | | | | | | | | 2100. | 8. | 280. | | 23.0 | 13.0 | |
| AVG OR GEOM MN (*) | | | | | | | | 23.* | 1.* D | 4.* | | 9.5 | 9.7 | |
| MINIMUM | | | | | | | | 4. | 1 | 1. | | 0.0 | 6.0 | |
| NO OF SAMPLES | | | | | | | | 11 | 11 | 11 | | 11 | 10 | |

B.O.W. / SITE: MADAWASKA RIVER
 SAMPLE POINT: HIGHWAY 17 BRIDGE ANPRIOR
 STATION TYPE: RIVER

STATION ID: 18-3493-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MADAWASKA RIVER

STORET CODE: 02
 006
 2710

| STN NO | 20 | LAT | LONG | U.T.M. 18 0394350.0 5031850.0 4 | | | | | | | | REGION 04 | MILEAGE | 0.70 | | |
|--------------------|-----------|----------|---------------|---------------------------------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 30 | 03 | 76 | 1100 | | .3 | | 17027 | 3 | | 300. | 1. | 4. | | 0.0 | | 0.6 |
| 29 | 04 | 76 | 1130 | | .3 | | 17031 | 3 | | | | | | 9.0 | 20.0 | 0.8 |
| 20 | 05 | 76 | 0835 | | .3 | | 17220 | | | 4300. | 600. | 1040. | | 10.2 | 10.0 | 0.6 |
| 16 | 06 | 76 | 1000 | | .3 | | 17266 | 5 | | 900. | | 10. | | 22.0 | 9.0 | 0.4 |
| 20 | 07 | 76 | 1050 | | .3 | | 17310 | 5 | | 200. | 1. | 24. | | 22.5 | 9.0 | 0.6 |
| 11 | 08 | 76 | 0945 | | .3 | | 17352 | 5 | | 2000. | 1. | 10. | | 21.0 | 9.3 | 0.4 |
| 15 | 09 | 76 | 0830 | | .3 | | 17398 | 5 | | 60. | 30. | 30. | | 21.0 | 7.5 | 0.6 |
| 27 | 10 | 76 | 0800 | | .3 | | 17446 | | | 100. | 1. | 16. | | 3.0 | | 0.5 |
| 24 | 11 | 76 | 0830 | | .3 | | 17485 | | | 40. | 14. | 6. | | 2.0 | 11.0 | 0.6 |
| MAXIMUM | | | | | | | | | | 4300. | 600. | 1040. | | 22.5 | 20.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 320.* | 6.* U | 20.* | | 12.3 | 10.8 | 0.6 |
| MINIMUM | | | | | | | | | | 40. | 1. | 4. | | 0.0 | 7.5 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 8 | 7 | 8 | | 9 | 7 | 9 |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 30 | 03 | 76 | 1100 | | .3 | | 0.032 | 0.003 | 0.044 | 0.290 | 0.004 | 0.231 | 85.0 | 13.0 | | |
| 29 | 04 | 76 | 1130 | | .3 | | 0.014 | 0.001 | 0.002L | 0.300 | 0.010 | 0.090 | 78.0 | 6.0 | | |
| 20 | 05 | 76 | 0835 | | .3 | | 0.128 | 0.021 | 0.018 | 0.500 | 0.012 | 0.198 | 118.0 | 33.0 | | |
| 16 | 06 | 76 | 1000 | | .3 | | 0.039 | 0.015 | 0.016 | 0.330 | 0.003 | 0.052 | 96.0 | 11.0 | | |
| 20 | 07 | 76 | 1050 | | .3 | | 0.028 | 0.006 | 0.022 | 0.350 | 0.002 | 0.005L | 66.0 | 5.0 | | |
| 11 | 08 | 76 | 0945 | | .3 | | 0.039 | 0.038 | 0.056 | 0.420 | 0.003 | 0.007 | 88.0 | 2.7 | | |
| 15 | 09 | 76 | 0830 | | .3 | | 0.033 | 0.007 | 0.028 | 0.330 | 0.002 | 0.005L | 83.0 | 2.3 | | |
| 27 | 10 | 76 | 0800 | | .3 | | 0.015 | 0.003 | 0.004 | 0.300 | 0.003 | 0.012 | 105.0 | 11.0 | | |
| 24 | 11 | 76 | 0830 | | .3 | | 0.016 | 0.003 | 0.004 | 0.290 | 0.002 | 0.008 | 91.0 | 3.1 | | |
| MAXIMUM | | | | | | | 0.128 | 0.038 | 0.056 | 0.500 | 0.012 | 0.231 | 118.0 | 33.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.038 | 0.011 | 0.022D | 0.346 | 0.005 | 0.068D | 92.2 | 9.7 | | |
| MINIMUM | | | | | | | 0.014 | 0.001 | 0.002 | 0.290 | 0.002 | 0.005 | 78.0 | 2.3 | | |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 30 | 03 | 76 | 1100 | | .3 | | 110 | 7.10 | 2.0 | | | 2.4 | 40 | 7.80 | 0.80 | |
| 29 | 04 | 76 | 1130 | | .3 | | 110 | 2.90 | 1.4 | | | 2.8 | 35 | 7.68 | | 0.360 |
| 20 | 05 | 76 | 0835 | | .3 | | 130 | 35.00 | 3.0 | 11.0 | 2.00 | 2.1 | 47 | 7.72 | | 2.700 |
| 16 | 06 | 76 | 1000 | | .3 | | 129 | 8.40 | 2.0 | 11.5 | 1.95 | 1.9 | 51 | 7.90 | | 0.670 |
| 20 | 07 | 76 | 1050 | | .3 | | 124 | 3.90 | 1.7 | 11.0 | 1.40 | 3.2 | 50 | 7.56 | | 0.290 |
| 11 | 08 | 76 | 0945 | | .3 | | 131 | 1.90 | 1.7 | 11.5 | 1.00 | 24.0 | 53 | 7.70 | | 0.150 |
| 15 | 09 | 76 | 0830 | | .3 | | 126 | 1.60 | 1.7 | 9.0 | 1.05 | 1.7 | 50 | 7.76 | | 0.150 |
| 27 | 10 | 76 | 0800 | | .3 | | 144 | 3.20 | 1.7 | 9.5 | 1.20 | 2.0 | 58 | 7.78 | | 0.220 |
| 24 | 11 | 76 | 0830 | | .3 | | 136 | 2.60 | 1.9 | 9.0 | 1.50 | 3.0 | 55 | 7.70 | | 0.180 |
| MAXIMUM | | | | | | | 144 | 35.00 | 3.0 | 11.5 | 2.00 | 24.0 | 58 | 7.90 | 0.80 | 2.700 |
| AVG OR GEOM MN (*) | | | | | | | 127 | 7.40 | 1.9 | 10.4 | 1.44 | 4.8 | 49 | 7.73 | 0.80 | 0.590 |
| MINIMUM | | | | | | | 110 | 1.60 | 1.4 | 9.0 | 1.00 | 1.7 | 35 | 7.56 | 0.80 | 0.150 |
| NO OF SAMPLES | | | | | | | 9 | 9 | 9 | 7 | 7 | 9 | 9 | 9 | 1 | 8 |
| SAMP DY | DTE MO YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 30 | 03 | 76 | 1100 | | .3 | | | 51.0 | | | 10 | | | | | |
| 29 | 04 | 76 | 1130 | | .3 | | | 46.0 | | | 15 | | | | | |
| 20 | 05 | 76 | 0835 | | .3 | | 1.0L | 62.0 | 18.40 | 3.88 | | 1.79 | 2.40 | | 32 | |
| 16 | 06 | 76 | 1000 | | .3 | | 1.0L | 62.0 | 19.00 | 3.50 | 20 | 1.00 | 1.80 | | 22 | |
| 20 | 07 | 76 | 1050 | | .3 | | 1.0L | 61.0 | 19.00 | 3.30 | 30 | 1.15 | 1.50 | | 20 | |
| 11 | 08 | 76 | 0945 | | .3 | | 1.0L | 61.0 | 18.00 | 4.00 | 20 | 1.25 | 1.60 | | 22 | |
| 15 | 09 | 76 | 0830 | | .3 | | 1.0L | 57.0 | 17.00 | 3.50 | 20 | 1.10 | 1.60 | | 14 | |
| 27 | 10 | 76 | 0800 | | .3 | | 1.0L | 61.0 | 18.00 | 3.50 | 15 | 1.10 | 2.00 | | 28 | |
| 24 | 11 | 76 | 0830 | | .3 | | 1.0L | 60.0 | 17.40 | 4.00 | 30 | 1.00 | 1.90 | | | |
| MAXIMUM | | | | | | | 1.0 | 62.0 | 19.00 | 4.00 | 30 | 1.79 | 2.40 | | 32 | |
| AVG OR GEOM MN (*) | | | | | | | 1.0D | 57.9 | 18.11 | 3.67 | 20 | 1.20 | 1.83 | | 23 | |
| MINIMUM | | | | | | | 1.0 | 46.0 | 17.00 | 3.30 | 10 | 1.00 | 1.50 | | 14 | |
| NO OF SAMPLES | | | | | | | 7 | 9 | 7 | 7 | 8 | 7 | 7 | | 6 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 05 | 76 | 0835 | | | .3 | | | | 2.200 | | | | | | 0.060 | |
| 16 | 06 | 76 | 1000 | | | .3 | | | | 0.790 | | 0.130 | | | 0.050 | 0.022 | 0.010L |
| 20 | 07 | 76 | 1050 | | | .3 | | | | 0.180 | | 0.010L | | | 0.740 | 0.046 | 0.010L |
| 11 | 08 | 76 | 0945 | | | .3 | | | | 0.050 | | 0.020 | | | 0.010L | 0.058 | 0.010L |
| 15 | 09 | 76 | 0830 | | | .3 | | | | 0.060 | | 0.010L | | | 0.010L | 0.023 | 0.010L |
| 27 | 10 | 76 | 0800 | | | .3 | | | | | | | | | | 0.024 | |
| 24 | 11 | 76 | 0830 | | | .3 | | | | 0.140 | | 0.030 | | | 0.020 | 0.016 | 0.020L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

2.200
0.570
0.050

0.130
0.0400
0.010

0.740
0.16GD
0.010

0.060
0.036
0.016

0.020
0.012D
0.010

NO OF SAMPLES

6

5

5

7

5

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 20 | 05 | 76 | 0835 | | | .3 | | 0.1 | | | | | | | | | 17220 |
| 16 | 06 | 76 | 1000 | | | .3 | | 0.1 | | | | | | | | | 17265 |
| 20 | 07 | 76 | 1050 | | | .3 | | 0.1 | | | | | | | | | 17310 |
| 11 | 08 | 76 | 0945 | | | .3 | | 0.1 | | | | | | | | | 17352 |
| 15 | 09 | 76 | 0830 | | | .3 | | 0.1 | | | | | | | | | 17398 |
| 27 | 10 | 76 | 0800 | | | .3 | | 0.1L | | | | | | | | | 17446 |
| 24 | 11 | 76 | 0830 | | | .3 | | 0.1 | | | | | | | | | 17485 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.1
0.1D
0.1

NO OF SAMPLES

7

B.O.W./ SITE: DOCHART CREEK
SAMPLE POINT: LAST BRIDGE DOWNSTREAM FROM ARNPRIOR
STATION TYPE: RIVER

STATION ID: 18-3510-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: DOCHART CREEK

STORET CODE: 02
006
2730

| STN NO | 20 | LAT | LONG | U.T.M. 18 0392700.0 5033150.0 4 | REGION 04 | MILEAGE | 0.30 |
|--------|----|-----|------|---------------------------------|-----------|---------|------|
|--------|----|-----|------|---------------------------------|-----------|---------|------|

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------|---------------------------|
| 30 | 03 | 76 | 1130 | | | .3 | | 17028 | 3 | | | | | | 0.0 | | 3.2 |
| 29 | 04 | 76 | 1300 | | | .3 | | 17032 | 3 | | | | | | 11.0 | 15.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

11.0
5.5
0.0

15.0
15.0
15.0

3.2
2.0
0.8

NO OF SAMPLES

2

1

2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 30 | 03 | 76 | 1130 | | | .3 | | 0.325 | 0.099 | 0.240 | 1.020 | 0.027 | 0.783 | 295.0 | 171.0 | | |
| 29 | 04 | 76 | 1300 | | | .3 | | 0.058 | 0.004 | 0.004 | 0.480 | 0.002 | 0.005L | 281.0 | 34.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.325
0.192
0.058

0.099
0.052
0.004

0.240
0.122
0.004

1.020
0.750
0.480

0.027
0.015
0.002

0.783
0.394D
0.005

295.0
288.0
281.0

171.0
102.5
34.0

NO OF SAMPLES

2

2

2

2

2

2

2

2

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 30 | 03 | 76 | 1130 | | | .3 | | 195 | 100.00 | 10.5 | | | | | | | |
| 29 | 04 | 76 | 1300 | | | .3 | | 380 | 25.00 | 18.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

380
288
195

100.00
62.50
25.00

18.0
14.3
10.5

NO OF SAMPLES

2

2

2

B.O.W./ SITE: BONNECHERE RIVER
 SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD
 STATION TYPE: RIVER FLOW GAUGE FED 02KC009

STATION ID: 18-3690-010-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: BONNECHERE RIVER

STORET CODE: 02
 006
 2905

| STN NO | 10 | LAT | LONG | U.T.M. 18 0378400.0 5041075.0 4 | REGION 04 | MILEAGE | 0.50 | | | | | | |
|--------------------|------|-----------|-------|---------------------------------|-----------|----------|----------|----------|----------|----------|---------|-------|----------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 25 02 76 1200 | .3 | 17025 | 4 | 337.00 | 20500E+1 | 6700. | 600. | L | 0.0 | 2.0 | 6.6 | | |
| 30 03 76 1200 | .3 | 17029 | 3 | 3300.00 | 1900. | 84. | 28. | | 0.0 | 2.0 | | | |
| 29 04 76 1330 | .3 | 17033 | 3 | 2060.00 | | | | | 10.0 | 15.0 | 1.0 | | |
| 20 05 76 1000 | .3 | 17221 | 9 | 2690.00 | 17000. | 600. | G | 116. | 9.5 | 10.8 | 1.0 | | |
| 16 06 76 1045 | .3 | 17267 | 8 | 299.00 | 1600. | | | 40. | 24.2 | 8.4 | 0.6 | | |
| 20 07 76 1125 | .3 | 17311 | 5 8 | 866.00 | 300. | 1. | 32. | | 22.8 | 8.8 | 0.4 | | |
| 11 08 76 1020 | .3 | 17353 | 5 | 259.00 | 100. | 1. | 28. | | 22.8 | 8.6 | 0.4 | | |
| 15 09 76 0930 | .3 | 17399 | 5 | 234.00 | 1. | 40. | 1. | | 20.8 | 9.7 | 0.6 | | |
| 27 10 76 0905 | .3 | 17447 | | 451.00 | 11000. | 2100. | 360. | | 2.0 | | 1.0 | | |
| MAXIMUM | | | | 3300.00 | 20500E+1 | 6700. | 600. | | 24.2 | 15.0 | 6.6 | | |
| AVG OR GEOM MN (*) | | | | 1166.22 | 1170.* | 84.* | U | 47.* | D | 12.5 | 9.0 | 1.5 | |
| MINIMUM | | | | 234.00 | 1. | 1. | | 1. | | 0.0 | 2.0 | 0.4 | |
| NO OF SAMPLES | | | | 9 | 8 | 7 | 8 | | 9 | 7 | 9 | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO3-N | NO3-N | SOLIDS | SOLIDS | MG/L | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 02 76 1200 | .3 | 0.055 | 0.001 | 0.114 | 1.590 | 0.007 | 0.138 | 140.0 | 16.0 | 124 | | | |
| 30 03 76 1200 | .3 | 0.074 | 0.012 | 0.094 | 0.560 | 0.012 | 0.293 | 149.0 | 35.0 | | | | |
| 29 04 76 1330 | .3 | 0.021 | 0.014 | 0.024 | 0.350 | 0.005 | 0.005 | 94.0 | 5.9 | 88 | | | |
| 20 05 76 1000 | .3 | 0.198 | 0.067 | 0.030 | 0.840 | 0.016 | 0.304 | 261.0 | 105.0 | | | | |
| 16 06 76 1045 | .3 | 0.071 | 0.035 | 0.044 | 0.560 | 0.006 | 0.079 | 156.0 | 13.0 | | | | |
| 20 07 76 1125 | .3 | 0.033 | 0.013 | 0.002L | 0.390 | 0.002 | 0.005L | 102.0 | 8.1 | | | | |
| 11 08 76 1020 | .3 | 0.053 | 0.023 | 0.010 | 0.390 | 0.005 | 0.015 | 107.0 | 2.9 | | | | |
| 15 09 76 0930 | .3 | 0.041 | 0.024 | 0.010 | 0.330 | 0.004 | 0.006 | 104.0 | 3.0 | | | | |
| 27 10 76 0905 | .3 | 0.145 | 0.130 | 0.070 | 0.450 | 0.004 | 0.086 | 193.0 | 14.0 | | | | |
| MAXIMUM | | | | 0.198 | 0.130 | 0.114 | 1.590 | 0.016 | 0.304 | 261.0 | 105.0 | 124 | |
| AVG OR GEOM MN (*) | | | | 0.077 | 0.035 | 0.0440 | 0.607 | 0.007 | 0.1030 | 145.1 | 22.5 | 106 | |
| MINIMUM | | | | 0.021 | 0.001 | 0.002 | 0.330 | 0.002 | 0.005 | 94.0 | 2.9 | 88 | |
| NO OF SAMPLES | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 2 | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI MG/L | | | | MG/L | MG/L |
| 25 02 76 1200 | .3 | 190 | 2.40 | 11.5 | | | | | 3.4 | 59 | 7.30 | 0.20 | |
| 30 03 76 1200 | .3 | 175 | 19.00 | 3.7 | | | | | 1.6 | 69 | 8.00 | 1.80 | |
| 29 04 76 1330 | .3 | 135 | 3.00 | 2.5 | | | | | 2.8 | 50 | 8.32 | | 0.240 |
| 20 05 76 1000 | .3 | 240 | 65.00 | 9.0 | 15.0 | 2.30 | | | 1.8 | 90 | 8.05 | | 5.300 |
| 16 06 76 1045 | .3 | 220 | 6.80 | 5.6 | 13.5 | 1.85 | | | 2.5 | 92 | 8.05 | | 0.520 |
| 20 07 76 1125 | .3 | 143 | 5.80 | 2.9 | 11.0 | 2.35 | | | 2.1 | 57 | 7.95 | | 0.480 |
| 11 08 76 1020 | .3 | 160 | 3.20 | 3.7 | 12.5 | 2.35 | | | 0.0 | 63 | 8.37 | | 0.150 |
| 15 09 76 0930 | .3 | 155 | 2.00 | 3.5 | 11.5 | 1.55 | | | | 59 | 8.18 | | 0.150 |
| 27 10 76 0905 | .3 | 275 | 3.00 | 8.0 | 14.5 | 2.00 | | | 2.0 | 116 | 8.12 | | 0.280 |
| MAXIMUM | | | | 275 | 65.00 | 11.5 | 15.0 | 2.35 | 3.4 | 116 | 8.37 | 1.80 | 5.300 |
| AVG OR GEOM MN (*) | | | | 188 | 12.24 | 5.6 | 13.0 | 2.07 | 2.0 | 73 | 8.04 | 1.00 | 1.017 |
| MINIMUM | | | | 135 | 2.00 | 2.5 | 11.0 | 1.55 | 0.0 | 50 | 7.30 | 0.20 | 0.150 |
| NO OF SAMPLES | | | | 9 | 9 | 9 | 6 | 6 | 8 | 9 | 9 | 2 | 7 |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSILUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | MG/L | C AS C | MG/L | EXTRBLES |
| | | | | | MG/L | MG/L | MG/L | UNITS | | | MG/L | | MG/L |
| 25 02 76 1200 | .3 | 68.0 | | | | | | 15 | | | | | |
| 30 03 76 1200 | .3 | 81.0 | | | | | | 30 | | | | | |
| 29 04 76 1330 | .3 | 62.0 | | | | | | 10 | | | | | |
| 20 05 76 1000 | .3 | 1.0L | 110.0 | 31.00 | 7.87 | | | 2.76 | 7.30 | | | 40 | |
| 16 06 76 1045 | .3 | 1.0L | 105.0 | 30.00 | 7.40 | | | 1.50 | 4.50 | | | 22 | |
| 20 07 76 1125 | .3 | 1.0L | 67.0 | 19.00 | 4.80 | | | 1.10 | 3.00 | | | 20 | |
| 11 08 76 1020 | .3 | 1.0L | 72.0 | 19.00 | 6.00 | | | 1.20 | 3.40 | | | 20 | |
| 15 09 76 0930 | .3 | 1.0L | 66.0 | 18.00 | 5.00 | | | 1.30 | 3.20 | | | 10 | |
| 27 10 76 0905 | .3 | 1.0L | 124.0 | 35.00 | 8.50 | | | 1.85 | 6.30 | | | 32 | |
| MAXIMUM | | | | 1.0 | 124.0 | 35.00 | 8.50 | 30 | 2.76 | 7.30 | | 40 | |
| AVG OR GEOM MN (*) | | | | 1.00 | 83.9 | 25.33 | 6.60 | 19 | 1.62 | 4.62 | | 24 | |
| MINIMUM | | | | 1.0 | 62.0 | 18.00 | 4.80 | 10 | 1.10 | 3.00 | | 10 | |
| NO OF SAMPLES | | | | 6 | 9 | 6 | 6 | 8 | 6 | 6 | | 6 | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MANGANESE MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|--------------------------------|
| 20 | 05 | 76 | 1000 | | | .3 | | | | 1.400 | | | | | | 0.090 | |
| 16 | 06 | 76 | 1045 | | | .3 | | | | 0.490 | | 0.040 | | | 0.010L | 0.024 | 0.010L |
| 20 | 07 | 76 | 1125 | | | .3 | | | | 0.370 | | 0.020 | | | 0.010L | 0.042 | 0.010L |
| 11 | 08 | 76 | 1020 | | | .3 | | | | 0.070 | | 0.010 | | | 0.100 | 0.012 | 0.010L |
| 15 | 09 | 76 | 0930 | | | .3 | | | | 0.140 | | 0.010L | | | 0.010 | 0.014 | 0.013L |
| 27 | 10 | 76 | 0905 | | | .3 | | | | | | | | | | 0.020 | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|--|--------|--|--|--------|-------|--------|
| MAXIMUM | | | | | | | | | | 1.400 | | 0.040 | | | 0.100 | 0.090 | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | | | | 0.494 | | 0.020D | | | 0.033D | 0.034 | 0.010D |
| MINIMUM | | | | | | | | | | 0.070 | | 0.010 | | | 0.010 | 0.012 | 0.010 |

NO OF SAMPLES 5 4 4 6 4

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 20 | 05 | 76 | 1000 | | | .3 | | 0.1 | | | | | | | | | 17221 |
| 16 | 06 | 76 | 1045 | | | .3 | | 0.1 | | | | | | | | | 17267 |
| 20 | 07 | 76 | 1125 | | | .3 | | 0.1 | | | | | | | | | 17311 |
| 11 | 08 | 76 | 1020 | | | .3 | | 0.1 | | | | | | | | | 17353 |
| 15 | 09 | 76 | 0930 | | | .3 | | 0.1 | | | | | | | | | 17399 |
| 27 | 10 | 76 | 0905 | | | .3 | | 0.1 | | | | | | | | | 17447 |

| | |
|--------------------|-----|
| MAXIMUM | 0.1 |
| AVG OR GEOM MN (*) | 0.1 |
| MINIMUM | 0.1 |

NO OF SAMPLES 6

B.O.W./ SITE: MUSKRAT RIVER
SAMPLE POINT: HIGHWAY 17 BY PASS BRIDGE, PEMBROKE
STATION TYPE: RIVER FLOW GAUGE 02KCO14+015

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MUSKRAT RIVER

STATION ID: 18-4810-020-02

STORET CODE: 02
006
4210

STN NO 20 LAT LONG U.T.M. 18 0335850.0 5076900.0 4 REGION 04 MILEAGE 0.20

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BCD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 29 | 01 | 76 | 1300 | | | .3 | | 17050 | 4 6 | 87.0 | 3000. | 670. | 440. | | 0.0 | 10.5 | 2.0 |
| 24 | 02 | 76 | 1130 | | | .3 | | 17053 | 4 6 | 112.5 | 3000. | 1200. | 30. | | 0.0 | 7.5 | 0.6 |
| 30 | 03 | 76 | 1000 | | | .3 | | 17056 | 9 3 | 2255. | 1600. | 110. | 80. | | 1.0 | 10.3 | 1.6 |
| 27 | 04 | 76 | 1300 | | | .3 | | 17059 | 6 | 838. | 1700. | 120. | 30. | | | | 1.2 |
| 31 | 05 | 76 | 1500 | | | .3 | | 17062 | 9 6 | 567. | 4600. | 10. L | 10. | | | | 1.6 |
| 27 | 07 | 76 | 1200 | | | .3 | | 17065 | | 142. | 4000. | 1. | 20. | | 20.5 | 7.7 | 0.8 |
| 27 | 09 | 76 | 1500 | | | .3 | | 17068 | 5 8 9 | 155. | 1700. | 52. | 52. | | 11.0 | 9.3 | 1.2 |
| 10 | 12 | 76 | 1130 | | | .3 | | 17071 | 4 5 | 139. | | | | | | | 3.0 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|-------|--------|--------|------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | 2255. | 4600. | 1200. | 440. | | 20.5 | 10.5 | 3.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | 536.9 | 2582.* | 66.* D | 44.* | | 6.5 | 9.1 | 1.5 |
| MINIMUM | | | | | | | | | | 87.0 | 1600. | 1. | 10. | | 0.0 | 7.5 | 0.6 |

NO OF SAMPLES 8 7 7 7 5 5 8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 29 | 01 | 76 | 1300 | | | .3 | | 0.031 | 0.012 | 0.170 | 0.570 | 0.006 | 0.240 | 126.0 | 2.1 | | 124 |
| 24 | 02 | 76 | 1130 | | | .3 | | 0.032 | 0.008 | 0.164 | 0.570 | 0.007 | 0.223 | 130.0 | 3.2 | | 127 |
| 30 | 03 | 76 | 1000 | | | .3 | | 0.094 | 0.015 | 0.158 | 0.720 | 0.012 | 0.418 | | 50.0 | | 59 |
| 27 | 04 | 76 | 1300 | | | .3 | | 0.031 | 0.002 | 0.002L | 0.500 | 0.006 | 0.029 | 127.0 | 10.0 | | |
| 31 | 05 | 76 | 1500 | | | .3 | | 0.038 | 0.002 | 0.006 | 0.550 | 0.003 | 0.012 | 138.0 | 21.0 | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 0.030 | 0.005 | 0.018 | 0.620 | 0.004 | 0.006 | 122.0 | 5.1 | | |
| 27 | 09 | 76 | 1500 | | | .3 | | 0.020 | 0.006 | 0.002 | 0.460 | 0.003 | 0.027 | 112.0 | 5.0 | | |
| 10 | 12 | 76 | 1130 | | | .3 | | 0.126 | 0.003 | 0.024 | 0.880 | 0.019 | 0.066 | 255.0 | 112.0 | | |

| | | | | | | | | | | |
|--------------------|-------|-------|--------|-------|-------|-------|-------|-------|--|-----|
| MAXIMUM | 0.126 | 0.015 | 0.170 | 0.880 | 0.019 | 0.418 | 255.0 | 112.0 | | 127 |
| AVG OR GEOM MN (*) | 0.050 | 0.007 | 0.068D | 0.609 | 0.008 | 0.128 | 144.3 | 26.1 | | 103 |
| MINIMUM | 0.020 | 0.002 | 0.002 | 0.460 | 0.003 | 0.006 | 112.0 | 2.1 | | 59 |

NO OF SAMPLES 8 8 8 8 8 7 8 3

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 29 | 01 | 76 | 1300 | | | .3 | | 190 | 4.60 | 5.1 | | | | | | | |
| 24 | 02 | 76 | 1130 | | | .3 | | 195 | 3.70 | 10.0 | | | | | | | |
| 30 | 03 | 76 | 1000 | | | .3 | | 90 | 14.00 | 3.4 | | | | | | | |
| 27 | 04 | 76 | 1300 | | | .3 | | 180 | 4.20 | 4.9 | | | | | | | |
| 31 | 05 | 76 | 1500 | | | .3 | | 180 | 2.80 | 5.0 | | | | | | | |
| 27 | 07 | 76 | 1200 | | | .3 | | 180 | 2.80 | 5.4 | | | | | | | |
| 27 | 09 | 76 | 1500 | | | .3 | | 165 | 3.20 | 6.0 | | | | | | | |
| 10 | 12 | 76 | 1130 | | | .3 | | 220 | 43.00 | 6.4 | | | | | | | |

| | | | | | | | |
|--------------------|-----|-------|------|--|--|--|--|
| MAXIMUM | 220 | 43.00 | 10.0 | | | | |
| AVG OR GEOM MN (*) | 175 | 9.79 | 5.8 | | | | |
| MINIMUM | 90 | 2.80 | 3.4 | | | | |

NO OF SAMPLES 8 8 8

B.O.W / SITE: PETAWAWA RIVER
 SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
 STATION TYPE: RIVER FLOW GAUGE FED 02KB001

STATION ID. 1B-4930-020-02

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: PETAWAWA RIVER

STORET CODE: 02
 006
 4350

| STN NO | 20 | LAT | LONG | U.T.M. 18 0322700.0 5085650.0 4 | REGION 04 | MILEAGE | 1.80 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 29 01 76 1130 | | | .3 | | 17051 | 4 6 | 874.00 | 40. | 10. L | 10. | | 0.0 | 13.0 | 2.0 |
| 24 02 76 1330 | | | .3 | | 17054 | 4 6 | 819.00 | 10. L | 10. L | 10. L | | 0.0 | 11.0 | 1.6 |
| 29 03 76 1300 | | | .3 | | 17057 | 6 3 | 3270.00 | 30. | 20. | 10. L | | 1.0 | 12.0 | 0.6 |
| 27 04 76 1100 | | | .3 | | 17060 | 6 | 5910.00 | 68. | 1. | 1. | | | | 0.8 |
| 31 05 76 1400 | | | .3 | | 17063 | 8 6 | 2740.00 | 580. | 1. | 180. | | | | 0.6 |
| 27 07 76 1130 | | | .3 | | 17066 | | 1110.00 | 1500. | 1. | 20. | | 22.5 | 7.9 | 0.5 |
| 27 09 76 1430 | | | .3 | | 17069 | 8 6 | 592.00 | 250. | 6. | 6. | | 14.5 | 8.2 | 0.6 |
| 09 12 76 1400 | | | .3 | | 17072 | 6 | 650.00 | | | | | | | 0.4 |
| MAXIMUM | | | | | | | 5910.00 | 1500. | 20. | 180. | | 22.5 | 13.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | 1995.63 | 109.* D | 4.* D | 11.* D | | 7.6 | 10.4 | 0.9 |
| MINIMUM | | | | | | | 592.00 | 10. | 1. | 1. | | 0.0 | 7.9 | 0.4 |
| NO OF SAMPLES | | | | | | | 8 | 7 | 7 | 7 | | 5 | 5 | 8 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 29 01 76 1130 | | | .3 | | 0.008 | 0.002 | 0.020 | 0.340 | 0.002 | 0.120 | 39.0 | 2.5 | | 36 |
| 24 02 76 1330 | | | .3 | | 0.006 | 0.001L | 0.014 | 0.250 | 0.002 | 0.093 | 38.0 | 2.2 | | 36 |
| 29 03 76 1300 | | | .3 | | 0.006 | 0.001L | 0.026 | 0.270 | 0.003 | 0.207 | 46.0 | 7.8 | | 39 |
| 27 04 76 1100 | | | .3 | | 0.008 | 0.001 | 0.002 | 0.290 | 0.003 | 0.097 | 31.0 | 1.6 | | 29 |
| 31 05 76 1400 | | | .3 | | 0.024 | 0.018 | 0.004 | 0.130 | 0.002 | 0.033 | 41.0 | 5.3 | | |
| 27 07 76 1130 | | | .3 | | 0.009 | 0.001L | 0.012 | 0.300 | 0.002 | 0.008 | 34.0 | 0.6 | | |
| 27 09 76 1430 | | | .3 | | 0.010 | 0.001 | 0.004 | 0.200 | 0.001 | 0.005L | 37.0 | 1.4 | | |
| 09 12 76 1400 | | | .3 | | 0.009 | 0.002 | 0.010 | 0.200 | 0.006 | 0.005L | 41.0 | 4.5 | | |
| MAXIMUM | | | | | 0.024 | 0.018 | 0.026 | 0.340 | 0.006 | 0.207 | 46.0 | 7.8 | | 39 |
| AVG OR GEOM MN (*) | | | | | 0.010 | 0.0030 | 0.012 | 0.248 | 0.003 | 0.071D | 38.4 | 3.2 | | 35 |
| MINIMUM | | | | | 0.006 | 0.001 | 0.002 | 0.130 | 0.001 | 0.005 | 31.0 | 0.6 | | 29 |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | 4 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 29 01 76 1130 | | | .3 | | 54 | 1.20 | 1.0 | | | 3.8 | 109 | 6.60 | 0.10 | |
| 24 02 76 1330 | | | .3 | | 55 | 1.20 | 1.1 | | | 2.7 | 16 | 7.50 | 0.30 | |
| 29 03 76 1300 | | | .3 | | 58 | 2.40 | 1.1 | | | 3.4 | 11 | 7.50 | 0.25 | |
| 27 04 76 1100 | | | .3 | | 46 | 1.00 | 0.9 | | | 2.8 | 12 | 7.60 | | 0.110 |
| 31 05 76 1400 | | | .3 | | 55 | 0.65 | 1.7 | | | 2.4 | 13 | 7.66 | | 0.200 |
| 27 07 76 1130 | | | .3 | | 50 | 0.75 | 0.8 | | | 2.0 | 13 | 7.40 | | 0.200 |
| 27 09 76 1430 | | | .3 | | 54 | 0.90 | 0.5 | | | 1.4 | 16 | 7.45 | | 0.120 |
| 09 12 76 1400 | | | .3 | | 56 | 1.90 | 0.8 | | | 2.0 | 14 | 7.10 | | 0.150 |
| MAXIMUM | | | | | 58 | 2.40 | 1.7 | | | 3.8 | 109 | 7.66 | 0.30 | 0.200 |
| AVG OR GEOM MN (*) | | | | | 54 | 1.25 | 1.0 | | | 2.6 | 26 | 7.35 | 0.22 | 0.156 |
| MINIMUM | | | | | 46 | 0.65 | 0.5 | | | 1.4 | 11 | 6.60 | 0.10 | 0.110 |
| NO OF SAMPLES | | | | | 8 | 8 | 8 | | | 8 | 8 | 8 | 3 | 5 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRBLES MG/L |
| 29 01 76 1130 | | | .3 | | | 0.2 | | | 10 | | | | | |
| 24 02 76 1330 | | | .3 | | | 19.0 | | | 15 | | | | | |
| 29 03 76 1300 | | | .3 | | | 19.0 | | | 10 | | | | | |
| 27 04 76 1100 | | | .3 | | | 16.0 | | | 15 | | | | | |
| 31 05 76 1400 | | | .3 | | | 19.3 | | | 30 | | | | | |
| 27 07 76 1130 | | | .3 | | | 18.0 | 4.60 | 1.65 | 30 | | | | | |
| 27 09 76 1430 | | | .3 | | | 18.0 | 4.60 | 1.70 | 10 | | | | | |
| 09 12 76 1400 | | | .3 | | | 19.0 | | | 30 | | | | | |
| MAXIMUM | | | | | | 19.3 | 4.60 | 1.70 | 30 | | | | | |
| AVG OR GEOM MN (*) | | | | | | 16.1 | 4.60 | 1.68 | 19 | | | | | |
| MINIMUM | | | | | | 0.2 | 4.60 | 1.65 | 10 | | | | | |
| NO OF SAMPLES | | | | | | 8 | 2 | 2 | 8 | | | | | |

B.O.W./ SITE: MATTAWA RIVER
SAMPLE POINT: HIGHWAY 533 BRIDGE MATTAWA
STATION TYPE: RIVER

STATION ID: 18-6070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MATTAWA RIVER

STORET CODE: 02
006
5570

| STN NO | | 20 | LAT | | LONG | | U.T.M. 17 0676450.0 5131800.0 4 | | | | REGION 05 | | MILEAGE | | 0.10 | | | |
|---------|--|--------|-------|-----|----------|---------|---------------------------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | | DTE MO | HR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
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MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 28 | 03 | 76 | 1505 | | .3 | | 0.028 | 0.002 | 0.026 | 0.320 | 0.004 | 0.281 | 45.0 | 9.8 | | 36 |
| 25 | 04 | 76 | 1320 | | .3 | | 0.021 | 0.003 | 0.052 | 0.380 | 0.011 | 0.093 | | 4.1 | | 36 |
| 24 | 05 | 76 | 1320 | | .3 | | 0.023 | 0.005 | 0.058 | 0.360 | 0.005 | 0.125 | 44.0 | 4.5 | | |
| 23 | 06 | 76 | 1150 | | .3 | | 0.017 | 0.002 | 0.082 | 0.450 | 0.002 | 0.048 | 41.0 | 2.1 | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.017 | 0.003 | 0.112 | 0.430 | 0.003 | 0.057 | 43.0 | 4.2 | | |
| 11 | 08 | 76 | 1350 | | .3 | | 0.020 | 0.002 | 0.234 | 0.570 | 0.003 | 0.107 | 50.0 | 7.5 | | |
| 27 | 09 | 76 | 1150 | | .3 | | 0.018 | 0.002 | 0.246 | 0.460 | 0.003 | 0.117 | 51.0 | 5.2 | | |
| 18 | 10 | 76 | 1455 | | .3 | | 0.016 | 0.003 | 0.066 | 0.260 | 0.004 | 0.086 | 44.0 | 5.0 | | |
| 17 | 11 | 76 | 1205 | | .3 | | 0.009 | 0.004 | 0.148 | 0.420 | 0.003 | 0.132 | 96.0 | 2.3 | | |
| 12 | 12 | 76 | 1615 | | .3 | | 0.010 | 0.002 | 0.072 | 0.840 | 0.003 | 0.057 | 44.0 | 1.5 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 28 | 03 | 76 | 1505 | | .3 | | 56 | | | | | | | | | |
| 25 | 04 | 76 | 1320 | | .3 | | 55 | 3.3 | 1.5 | | | | | | | |
| 24 | 05 | 76 | 1320 | | .3 | | 60 | 3.50 | 1.5 | | | | | | | |
| 23 | 06 | 76 | 1150 | | .3 | | 60 | 2.20 | 1.7 | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 60 | 2.30 | 2.0 | | | | | | | |
| 11 | 08 | 76 | 1350 | | .3 | | 66 | 2.90 | 1.6 | | | | | | | |
| 27 | 09 | 76 | 1150 | | .3 | | 70 | 2.60 | 1.4 | | | | | | | |
| 18 | 10 | 76 | 1455 | | .3 | | 61 | 2.40 | 1.8 | | | | | | | |
| 17 | 11 | 76 | 1205 | | .3 | | 144 | 4.80 | 1.6 | | | | | | | |
| 12 | 12 | 76 | 1615 | | .3 | | 66 | 1.80 | 2.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|---------|--------|-------|----------|---------|------------|----|------------------------|------------------------|-------------------------|-------------------------|-----------------------|---------------------|------------------------|---------------------|-------------------|-----------------------|
| 25 | 04 | 76 | 1320 | | .3 | | 0.001L | | | | | | | | | |
| 24 | 05 | 76 | 1320 | | .3 | | 0.002 | | | | | | | | | |
| 23 | 06 | 76 | 1150 | | .3 | | 0.001 | | | | | | | | | |
| 14 | 07 | 76 | 1200 | | .3 | | 0.001L | | | | | | | | | |
| 18 | 10 | 76 | 1455 | | .3 | | 0.001L | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

NO OF SAMPLES

B.O.W. / SITE: GIROUX LAKE
 SAMPLE POINT: AT OUTLET NEAR COBALT
 STATION TYPE: LAKE

STATION ID: 16-6975-001-01

MAJOR BASIN: GREAT LAKES
 MINOR BASIN: OTTAWA RIVER
 TERM STREAM: MONTREAL RIVER

STORET CODE: 02
 006
 6450

| STN NO | 1 | LAT | LONG | U.T.M. 17 0599310.0 5245300.0 4 | REGION 05 | MILEAGE | 66.30 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP DEG C | DISS. 02 MG/L | 5-DAY BOD MG/L |
| 25 03 76 1230 | | | .3 | | 15305 | 4 | | | | | | 4.0 | | |
| 24 04 76 1120 | | | .3 | | 15330 | 6 | | 1. | 1. | 1. | | 5.0 | | 0.2 |
| 22 05 76 1045 | | | .3 | | 15352 | 6 | | | | | | 10.0 | | 1.0 |
| 03 07 76 1830 | | | .3 | | 15376 | 6 | | 10. | 1. | 1. | | 20.0 | | 0.8 |
| 25 07 76 1425 | | | .3 | | 15405 | 7 9 0 | | | | | | 21.0 | | 0.8 |
| 15 08 76 1611 | | | .3 | | 15418 | 7 9 0 | | 100. | | 8. | | 20.0 | | 0.6 |
| 19 09 76 1105 | | | .3 | | 15428 | 7 9 0 | | 40. | 1. | 1. | | 15.0 | | 1.0 |
| 13 10 76 1310 | | | .3 | | 15452 | 7 9 6 | | 20. | 1. | 1. | | 10.0 | 7.0 | 0.8 |
| 07 11 76 1440 | | | .3 | | 15471 | 6 | | 84. | 1. | 8. | | 3.0 | 8.0 | 0.6 |
| 19 12 76 1235 | | | .3 | | 15493 | 4 | | 28. | 2. L | 2. L | | 0.0 | 4.0 | 1.0 |
| MAXIMUM | | | | | | | | 100. | 2. | 8. | | 21.0 | 8.0 | 1.0 |
| AVG OR GEOM MN (*) | | | | | | | | 21.* | 1.* D | 2.* D | | 10.8 | 6.3 | 0.8 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 0.0 | 4.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | 7 | 6 | 7 | | 10 | 3 | 9 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 25 03 76 1230 | | | .3 | | | | | | | | | | | |
| 24 04 76 1120 | | | .3 | | 0.215 | 0.195 | 0.028 | 0.360 | 0.004 | 0.046 | | 1.3 | | 182 |
| 22 05 76 1045 | | | .3 | | 0.157 | | 0.054 | 0.310 | 0.002 | 0.005L | 169.0 | 2.5 | | |
| 03 07 76 1830 | | | .3 | | 0.160 | 0.160 | 0.016 | 0.610 | 0.002 | 0.008 | 170.0 | 4.0 | | |
| 25 07 76 1425 | | | .3 | | 0.170 | 0.150 | 0.030 | 0.440 | 0.002 | 0.005L | 177.0 | 4.6 | | |
| 15 08 76 1611 | | | .3 | | 0.111 | 0.105 | 0.030 | 0.460 | 0.002 | 0.005L | 171.0 | 2.3 | | |
| 19 09 76 1105 | | | .3 | | 0.215 | 0.205 | 0.006 | 0.360 | 0.001 | 0.005L | 165.0 | 1.9 | | |
| 13 10 76 1310 | | | .3 | | 0.260 | 0.250 | 0.010 | 0.320 | 0.001 | 0.009 | 198.0 | 2.6 | | |
| 07 11 76 1440 | | | .3 | | 0.186 | 0.178 | 0.002L | 0.480 | 0.001 | 0.005L | 176.0 | 3.8 | | |
| 19 12 76 1235 | | | .3 | | 0.245 | | 0.026 | 0.430 | 0.001 | 0.005L | 186.0 | 3.9 | | |
| MAXIMUM | | | | | | | | 0.610 | 0.004 | 0.046 | 198.0 | 4.6 | | 182 |
| AVG OR GEOM MN (*) | | | | | | | | 0.419 | 0.002 | 0.010D | 176.5 | 3.0 | | 182 |
| MINIMUM | | | | | | | | 0.310 | 0.001 | 0.005 | 165.0 | 1.3 | | 182 |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 8 | 9 | | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 25 03 76 1230 | | | .3 | | 290 | | | 30.5 | | | | | | |
| 24 04 76 1120 | | | .3 | | 280 | 1.6 | 5.6 | 28.0 | | | | | | |
| 22 05 76 1045 | | | .3 | | 255 | 1.50 | 4.8 | 25.0 | | | | | | |
| 03 07 76 1830 | | | .3 | | 255 | 0.90 | 4.3 | 25.0 | | | | | | |
| 25 07 76 1425 | | | .3 | | 264 | 1.30 | 4.3 | 24.0 | | | | | | |
| 15 08 76 1611 | | | .3 | | 260 | 1.60 | 4.7 | 23.5 | | | | | | |
| 19 09 76 1105 | | | .3 | | 250 | 0.80 | 4.9 | 23.5 | | | | | | |
| 13 10 76 1310 | | | .3 | | 300 | 1.50 | 5.1 | 25.5 | | | | | | |
| 07 11 76 1440 | | | .3 | | 265 | 2.80 | 5.1 | 28.0 | | | | | | |
| 19 12 76 1235 | | | .3 | | 280 | 2.50 | 5.0 | 27.5 | | | | | | |
| MAXIMUM | | | | | | | | 30.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 26.1 | | | | | | |
| MINIMUM | | | | | | | | 23.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 9 | 10 | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRIBLES MG/L |
| 25 03 76 1230 | | | .3 | | 2.0 | | | | | | | | 24 | |
| 24 04 76 1120 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 22 05 76 1045 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 03 07 76 1830 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 25 07 76 1425 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 15 08 76 1611 | | | .3 | | 1.0L | | | | | | | | 14 | |
| 19 09 76 1105 | | | .3 | | 1.0L | | | | | | | | 49 | |
| 13 10 76 1310 | | | .3 | | 1.0 | | | | | | | | 26 | |
| 07 11 76 1440 | | | .3 | | 1.0L | | | | | | | | 38 | |
| 19 12 76 1235 | | | .3 | | 1.0L | | | | | | | | 8 | |
| MAXIMUM | | | | | | | | | | | | | 49 | |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | 25 | |
| MINIMUM | | | | | | | | | | | | | 8 | |
| NO OF SAMPLES | | | | | | | | 10 | | | | | 10 | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|--------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 03 76 1230 | | | .3 | | | | | | 0.020L | 0.010L | | 0.010L | | 0.010 |
| 24 04 76 1120 | | | .3 | | 0.740 | | | | 0.020L | 0.010L | | 0.020L | | 0.010L |
| 22 05 76 1045 | | | .3 | | 0.460 | | | | 0.030 | 0.010L | | 0.010 | | 0.020L |
| 03 07 76 1830 | | | .3 | | | | | | 0.020 | 0.010L | | 0.010L | | 0.010L |
| 25 07 76 1425 | | | .3 | | 0.250 | | | | 0.020 | 0.010L | | 0.010L | | 0.010 |
| 15 08 76 1611 | | | .3 | | | | | | 0.010L | 0.010L | | 0.030 | | 0.020L |
| 19 09 76 1105 | | | .3 | | | | | | 0.010L | 0.010L | | 0.020 | | 0.020 |
| 13 10 76 1310 | | | .3 | | | | | | 0.020 | 0.010L | | 0.050 | | 0.020L |
| 07 11 76 1440 | | | .3 | | | | | | 0.010L | 0.010L | | 0.010 | | 0.010L |
| 19 12 76 1235 | | | .3 | | | | | | 0.01 L | 0.01 L | | 0.01 | | 0.01 L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.740
0.483
0.250

0.030
0.0170
0.010

0.010
0.0100
0.010

0.050
0.0180
0.010

0.020
0.0140
0.010

NO OF SAMPLES

3

10

10

10

10

SAMP DTE HOUR
DY MO YR LMT
STN DIST
STN BRG
SAMP DEPTH
PJ MTRS

60
FLUORIDE
MG/L

272
SIMPLE
CYANIDE
MG/L

217
TOTAL
COBALT
MG/L

451
RADIUM
226 DISS
PCI/L

452
GROSS*A*
DISS
PCI/L

453
GROSS*A*
UNDISS
PCI/L

454
GROSS*B*
DISS
PCI/L

455
GROSS*B*
UNDISS
PCI/L

456
URANIUM
238
UG/L

934
SAMPLE
NO

25 03 76 1230
24 04 76 1120
22 05 76 1045
03 07 76 1830
25 07 76 1425
15 08 76 1611
19 09 76 1105
13 10 76 1310
07 11 76 1440
19 12 76 1235

.3
.3
.3
.3
.3
.3
.3
.3
.3
.3

0.01 L
0.01 L
0.01 L
0.01 L
0.01 L
0.01 L
0.01 L
0.01 L
0.01 L
0.01 L

15305
15330
15352
15376
15405
15418
15428
15452
15471
15493

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.01
0.01 D
0.01

NO OF SAMPLES

5

STATION ID: 18-6975-002-02

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: AT BRIDGE UPSTREAM FROM CONFLUENCE WITH OTTAWA RIVER
STATION TYPE: RIVER FLOW GAUGE FED 02JDO10
MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

| STN NO | 2 | LAT | LONG | U.T.M. 17 0616500.0 5221900.0 4 | | | | REGION 05 | | | | MILEAGE | 0.10 | |
|---------------|------|-----|-------|---------------------------------|--------|-----|----------|-----------|----------|----------|----------|---------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 03 76 1400 | | | .3 | | 15307 | 4 | 4570.00 | | | | | 5.0 | | 0.4 |
| 24 04 76 1140 | | | .3 | | 15331 | 6 | 14000.00 | 10. | 1. | 1. | | 5.0 | | 0.6 |
| 22 05 76 1110 | | | .3 | | 15353 | 6 | 7550.00 | | | | | 10.0 | | 0.4 |
| 03 07 76 1850 | | | .3 | | 15377 | 6 | 380.00 | 1. | 1. | 1. | | 20.0 | | 0.4 |
| 25 07 76 1350 | | | .3 | | 15404 | 6 | 0.00 | 10. | 1. | 1. | | 21.0 | | 0.4 |
| 15 08 76 1600 | | | .3 | | 15417 | 6 | 0.00 | 10. L | 1. | 1. | | 19.0 | | 0.8 |
| 19 09 76 1135 | | | .3 | | 15427 | 6 | 0.00 | 10. L | 1. | 1. | | 15.0 | | 0.4 |
| 13 10 76 1250 | | | .3 | | 15451 | 6 | 1000.00 | 28. | 2. | 2. | | 10.0 | 8.5 | 0.2 |
| 07 11 76 1400 | | | .3 | | 15470 | 6 | 240.00 | 1. L | 1. | 1. | | 3.0 | 9.0 | 0.4 |
| 19 12 76 1155 | | | .3 | | 15492 | 6 | 0.00 | 44. | 2. L | 2. L | | 0.0 | 5.0 | 0.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14000.00
2774.00
0.00

44.
8.* D
1.

2.
1.* D
1.

2.
1.* D
1.

21.0
10.8
0.0

9.0
7.5
5.0

0.8
0.5
0.2

NO OF SAMPLES

10

8

7

8

10

3

10

SAMP DTE HOUR
DY MO YR LMT
STN DIST
STN BRG
SAMP DEPTH
PJ MTRS

33
TOTAL
P
MG/L

34
FILTERED
REACTIVE
P
MG/L

19
FILTERED
AMMONIA
MG/L

20
TOTAL
KJELDAHL
MG/L

21
FILTERED
NO2-N
MG/L

22
FILTERED
NO3-N
MG/L

5
TOTAL
SOLIDS
MG/L

6
SUSP.
SOLIDS
MG/L

7
DISS.
SOLIDS
MG/L

107
CALCUL
D-SOLIDS
MG/L

25 03 76 1400
24 04 76 1140
22 05 76 1110
03 07 76 1850
25 07 76 1350
15 08 76 1600
19 09 76 1135
13 10 76 1250
07 11 76 1400
19 12 76 1155

.3
.3
.3
.3
.3
.3
.3
.3
.3
.3

0.034
0.038
0.015
0.011
0.011
0.013
0.013
0.010
0.006
0.007

0.003
0.003
0.003
0.002
0.001L
0.004
0.001
0.001
0.002
0.002

0.006
0.022
0.014
0.024
0.002L
0.008
0.004
0.008
0.024
0.010

0.230
0.400
0.330
0.310
0.270
0.260
0.250
0.250
0.310
0.230

0.001
0.003
0.003
0.002
0.001
0.001
0.001
0.001
0.002
0.002

0.089
0.007
0.012
0.018
0.005L
0.005L
0.005L
0.009
0.018
0.018

63.0
58.
42.0
48.0
61.0
49.0
47.0
64.0
53.0
50.0

17.0
12.
3.4
2.0
15.0
2.6
1.4
1.5
1.3
0.7

17.0
12.
3.4
2.0
15.0
2.6
1.4
1.5
1.3
0.7

17.0
12.
3.4
2.0
15.0
2.6
1.4
1.5
1.3
0.7

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.038
0.016
0.006

0.004
0.002D
0.001

0.024
0.012D
0.002

0.400
0.284
0.230

0.003
0.002
0.001

0.089
0.019D
0.005

64.0
53.5
42.0

17.0
5.7
0.7

NO OF SAMPLES

10

10

10

10

10

10

10

10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 03 | 76 | 1400 | | | .3 | | 72 | 9.00 | 4.9 | | | 3.0 | 23 | 7.70 | | |
| 24 | 04 | 76 | 1140 | | | .3 | | 70 | 5.9 | 1.1 | | | 3.6 | 25 | 6.9 | | 0.750 |
| 22 | 05 | 76 | 1110 | | | .3 | | 60 | 1.40 | 0.9 | | | 3.5 | 17 | 7.29 | | 0.130 |
| 03 | 07 | 76 | 1850 | | | .3 | | 71 | 1.60 | 0.9 | | | 3.3 | 21 | 7.40 | | 0.280 |
| 25 | 07 | 76 | 1350 | | | .3 | | 72 | 1.50 | 0.8 | | | 1.5 | 24 | 7.68 | | 0.100 |
| 15 | 08 | 76 | 1600 | | | .3 | | 72 | 1.90 | 0.9 | | | 1.2 | 23 | 7.62 | | 0.090 |
| 19 | 09 | 76 | 1135 | | | .3 | | 70 | 1.00 | 0.7 | | | 1.3 | 20 | 7.95 | | 0.090 |
| 13 | 10 | 76 | 1250 | | | .3 | | 96 | 1.60 | 0.9 | | | 2.0 | 26 | 7.60 | | 0.140 |
| 07 | 11 | 76 | 1400 | | | .3 | | 82 | 1.20 | 0.8 | | | 1.2 | 30 | 7.78 | | 0.100 |
| 19 | 12 | 76 | 1155 | | | .3 | | 76 | 0.90 | 0.8 | | | 3.0 | 22 | 7.30 | | 0.090 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----|------|-----|--|--|-----|----|------|--|-------|
| MAXIMUM | | | | | | | | 96 | 9.00 | 4.9 | | | 3.6 | 30 | 7.95 | | 0.750 |
| AVG OR GEOM MN (*) | | | | | | | | 74 | 2.60 | 1.3 | | | 2.4 | 23 | 7.52 | | 0.197 |
| MINIMUM | | | | | | | | 60 | 0.90 | 0.7 | | | 1.2 | 17 | 6.9 | | 0.090 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | 10 | 10 | 10 | | 9 |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 03 | 76 | 1400 | | | .3 | | | 28.0 | | | 5 | | | | | |
| 24 | 04 | 76 | 1140 | | | .3 | | | 30. | | | 30 | | | | | |
| 22 | 05 | 76 | 1110 | | | .3 | | | 26.0 | | | 30 | | | | | |
| 03 | 07 | 76 | 1850 | | | .3 | | | 29.0 | 8.00 | 2.10 | 20 | | | | | |
| 25 | 07 | 76 | 1350 | | | .3 | | | 31.0 | 8.40 | 2.15 | 20 | | | | | |
| 15 | 08 | 76 | 1600 | | | .3 | | | 29.0 | 8.00 | 2.20 | 20 | | | | | |
| 19 | 09 | 76 | 1135 | | | .3 | | | 28.0 | 8.00 | 2.00 | 15 | | | | | |
| 13 | 10 | 76 | 1250 | | | .3 | | | 36.0 | 10.00 | 2.70 | 30 | | | | | |
| 07 | 11 | 76 | 1400 | | | .3 | | | 35.0 | 9.00 | 2.50 | 30 | | | | | |
| 19 | 12 | 76 | 1155 | | | .3 | | | 33.0 | 9.20 | 2.50 | 30 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|------|-------|------|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | | 36.0 | 10.00 | 2.70 | 30 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 30.5 | 8.66 | 2.31 | 23 | | | | | |
| MINIMUM | | | | | | | | | 26.0 | 8.00 | 2.00 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | | 10 | 7 | 7 | 10 | | | | | |

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 22 | 05 | 76 | 1110 | | | .3 | | 0.001 | | | | | | | | | |
| 03 | 07 | 76 | 1850 | | | .3 | | 0.002 | | | | | | | | | |
| 25 | 07 | 76 | 1350 | | | .3 | | 0.001L | | | | | | | | | |
| 19 | 09 | 76 | 1135 | | | .3 | | 0.001L | | | | | | | | | |
| 13 | 10 | 76 | 1250 | | | .3 | | 0.001L | | | | | | | | | |
| 19 | 12 | 76 | 1155 | | | .3 | | 0.001L | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 0.002 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.001D | | | | | | | | | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | | | |

B.O.W. / SITE: MONTREAL RIVER
SAMPLE POINT: AT HIGHWAY 11 LATCHFORD
STATION TYPE: RIVER

STATION ID: 18-6975-0C3-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 3 LAT LONG U.T.M. 17 0589950.0 5241400.0 4 REGION 05 MILEAGE 22.00

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 03 | 76 | 1145 | | | .3 | | 15303 | 6 | | | | | | 5.0 | | 7.6 |
| 24 | 04 | 76 | 1000 | | | .3 | | 15328 | 6 | | 220. | 4. | 1. | | 3.0 | | 1.8 |
| 22 | 05 | 76 | 1030 | | | .3 | | 15349 | 6 | | | | | | 9.0 | | 0.8 |
| 03 | 07 | 76 | 1730 | | | .3 | | 15374 | 6 | | 1390. | 1. | 1. | | 19.0 | | 0.4 |
| 25 | 07 | 76 | 1245 | | | .3 | | 15402 | 6 | | 140. | 1. | 1. | | 21.0 | | 0.4 |
| 15 | 08 | 76 | 1510 | | | .3 | | 15415 | 6 | | 40. | | 1. | | 19.0 | | 6.0 |
| 19 | 09 | 76 | 1245 | | | .3 | | 15430 | 6 | | 200. | 4. | 1. | | 15.0 | | 0.8 |
| 13 | 10 | 76 | 1140 | | | .3 | | 15448 | 6 | | 17300. | 416. | 152. | | 13.0 | 8.0 | 3.4 |
| 07 | 11 | 76 | 1550 | | | .3 | | 15473 | 6 | | 10. | 10. | 1. | | 3.0 | 10.0 | 0.3 |
| 19 | 12 | 76 | 1035 | | | .3 | | 15489 | 6 | | 4. L | 2. L | 2. L | | 0.0 | 3.0 | 0.6 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|----------|--------|--------|--|------|------|-----|
| MAXIMUM | | | | | | | | | | | 17300. | 416. | 152. | | 21.0 | 10.0 | 7.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 149. * D | 5. * D | 2. * D | | 10.7 | 7.0 | 2.2 |
| MINIMUM | | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 3.0 | 0.3 |
| NO OF SAMPLES | | | | | | | | | | | 8 | 7 | 8 | | 10 | 3 | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL. D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|
| 25 | 03 | 76 | 1145 | | | .3 | | 0.500 | 0.070 | 0.024 | 2.100 | 0.115 | 4.040 | 307.0 | 50.0 | | |
| 24 | 04 | 76 | 1000 | | | .3 | | 0.016 | 0.002 | 0.024 | 0.380 | 0.003 | 0.007 | 60. | 46. | | |
| 22 | 05 | 76 | 1030 | | | .3 | | 0.177 | 0.090 | 0.580 | 0.600 | 0.013 | 1.600 | 228.0 | 4.3 | | |
| 03 | 07 | 76 | 1730 | | | .3 | | 0.178 | 0.130 | 0.034 | 0.540 | 0.002 | 2.980 | 172.0 | 3.2 | | |
| 25 | 07 | 76 | 1245 | | | .3 | | 0.021 | 0.001L | 0.004 | 0.370 | 0.002 | 0.005L | 61.0 | 12.0 | | |
| 15 | 08 | 76 | 1510 | | | .3 | | 0.011 | 0.002 | 0.016 | 0.280 | 0.002 | 0.005L | 52. | 3. | | |
| 19 | 09 | 76 | 1245 | | | .3 | | 0.270 | 0.220 | 0.020 | 0.620 | 0.001 | 3.250 | 217.0 | 6.0 | | |
| 13 | 10 | 76 | 1140 | | | .3 | | 1.610 | 0.425 | 0.146 | 1.240 | 0.039 | 7.460 | 314.0 | 19.0 | | |
| 07 | 11 | 76 | 1550 | | | .3 | | 0.008 | 0.004 | 0.006 | 0.280 | 0.002 | 0.023 | 53.0 | 1.2 | | |
| 19 | 12 | 76 | 1035 | | | .3 | | 0.013 | 0.002 | 0.022 | 0.210 | 0.001 | 0.029 | 66.0 | 0.9 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|--------|-------|-------|-------|--------|-------|------|--|--|
| MAXIMUM | | | | | | | | 1.610 | 0.425 | 0.580 | 2.100 | 0.115 | 7.460 | 314.0 | 50.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.280 | 0.0950 | 0.088 | 0.662 | 0.018 | 1.9400 | 153.0 | 14.6 | | |
| MINIMUM | | | | | | | | 0.008 | 0.001 | 0.004 | 0.210 | 0.001 | 0.005 | 52. | 0.9 | | |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 03 | 76 | 1145 | | | .3 | | 395 | 15.00 | 540.0 | | | 10.0 | 61 | 6.90 | | |
| 24 | 04 | 76 | 1000 | | | .3 | | 70 | 5.7 | 1.5 | | | 3.8 | 22 | 7.1 | | 0.650 |
| 22 | 05 | 76 | 1030 | | | .3 | | 345 | 1.50 | 60.0 | | | 10.5 | 69 | 7.42 | | 0.230 |
| 03 | 07 | 76 | 1730 | | | .3 | | 258 | 2.10 | 31.0 | | | 5.6 | 47 | 7.27 | | 0.150 |
| 25 | 07 | 76 | 1245 | | | .3 | | 74 | 3.50 | 1.0 | | | 1.8 | 24 | 7.62 | | 0.430 |
| 15 | 08 | 76 | 1510 | | | .3 | | 73 | 1.5 | 1.2 | | | 1.2 | 22 | 7.60 | | 0.140 |
| 19 | 09 | 76 | 1245 | | | .3 | | 310 | 1.60 | 38.0 | | | | | | | |
| 13 | 10 | 76 | 1140 | | | .3 | | 640 | 7.00 | 55.0 | | | 5.4 | 80 | 7.82 | | 0.460 |
| 07 | 11 | 76 | 1550 | | | .3 | | 82 | 1.00 | 0.7 | | | 1.0 | 27 | 7.77 | | 0.120 |
| 19 | 12 | 76 | 1035 | | | .3 | | 100 | 0.80 | 2.1 | | | 2.0 | 22 | 7.30 | | 0.030 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|-------|--|--|------|----|------|--|-------|
| MAXIMUM | | | | | | | | 640 | 15.00 | 540.0 | | | 10.5 | 80 | 7.82 | | 0.650 |
| AVG OR GEOM MN (*) | | | | | | | | 235 | 3.97 | 73.1 | | | 4.6 | 42 | 7.42 | | 0.276 |
| MINIMUM | | | | | | | | 70 | 0.80 | 0.7 | | | 1.0 | 22 | 6.90 | | 0.030 |
| NO OF SAMPLES | | | | | | | | 10 | 10 | 10 | | | 9 | 9 | 9 | | 8 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 03 | 76 | 1145 | | | .3 | | | 82.0 | | | | | | | | |
| 24 | 04 | 76 | 1000 | | | .3 | | | 30. | | | 30 | | | | | |
| 22 | 05 | 76 | 1030 | | | .3 | | | 106.0 | | | 30 | | | | | |
| 03 | 07 | 76 | 1730 | | | .3 | | | 77.0 | 21.00 | 5.90 | 15 | | | | | |
| 25 | 07 | 76 | 1245 | | | .3 | | | 31.0 | | | 30 | | | | | |
| 15 | 08 | 76 | 1510 | | | .3 | | | 28. | | | 15 | | | | | |
| 19 | 09 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 13 | 10 | 76 | 1140 | | | .3 | | | 163.0 | 44.00 | 13.00 | 40 | | | | | |
| 07 | 11 | 76 | 1550 | | | .3 | | | 35.0 | 9.00 | 2.50 | 30 | | | | | |
| 19 | 12 | 76 | 1035 | | | .3 | | | 39.0 | 10.40 | 3.20 | 5 | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|-------|-------|-------|----|--|--|--|--|--|
| MAXIMUM | | | | | | | | | 163.0 | 44.00 | 13.00 | 40 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 65.7 | 21.10 | 6.15 | 24 | | | | | |
| MINIMUM | | | | | | | | | 28. | 9.00 | 2.50 | 5 | | | | | |
| NO OF SAMPLES | | | | | | | | | 9 | 4 | 4 | 8 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 22 | 05 | 76 | 1030 | | | .3 | | 0.001 | | | | | | | | | |
| 03 | 07 | 76 | 1730 | | | .3 | | 0.001L | | | | | | | | | |
| 25 | 07 | 76 | 1245 | | | .3 | | 0.001L | | | | | | | | | |
| 13 | 10 | 76 | 1140 | | | .3 | | 0.001L | | | | | | | | | |
| 19 | 12 | 76 | 1035 | | | .3 | | 0.001 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 0.001 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.0010 | | | | | | | | | |
| MINIMUM | | | | | | | | 0.001 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 5 | | | | | | | | | |

B.O.W./ SITE: GIROUX LAKE
SAMPLE POINT: AT GLEN LAKE OUTLET
STATION TYPE: LAKE

STATION ID: 18-6975-004-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 4 LAT LONG U.T.M. 17 0600450.0 5246900.0 4 REGION 05 MILEAGE 67.70

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 19 | 09 | 76 | 1100 | | | .3 | | 15426 | 9 | | | | | | 15.0 | | 0.8 |
| 13 | 10 | 76 | 1210 | | | .3 | | 15450 | 6 9 | | | | | | 10.0 | 7.0 | 0.2 |
| 07 | 11 | 76 | 1250 | | | .3 | | 15469 | 4 | | | | | | 3.0 | 7.0 | 0.3 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|-----|-----|
| MAXIMUM | | | | | | | | | | | | | | | 15.0 | 7.0 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | | | | | | 9.3 | 7.0 | 0.4 |
| MINIMUM | | | | | | | | | | | | | | | 3.0 | 7.0 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | | | | | 3 | 2 | 3 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------------|
| 19 | 09 | 76 | 1100 | | .3 | | 0.340 | 0.340 | 0.014 | 0.480 | 0.006 | 0.095 | 272.0 | 22.0 | | |
| 13 | 10 | 76 | 1210 | | .3 | | 0.435 | 0.430 | 0.022 | 0.240 | 0.005 | 0.320 | 262.0 | 5.3 | | |
| 07 | 11 | 76 | 1250 | | .3 | | 0.335 | 0.320 | 0.002L | 0.300 | 0.007 | 0.908 | 264.0 | 6.9 | | |
| MAXIMUM | | | | | | | 0.435 | 0.430 | 0.022 | 0.480 | 0.007 | 0.908 | 272.0 | 22.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.370 | 0.363 | 0.0130 | 0.340 | 0.006 | 0.441 | 266.0 | 11.4 | | |
| MINIMUM | | | | | | | 0.335 | 0.320 | 0.002 | 0.240 | 0.005 | 0.095 | 262.0 | 5.3 | | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 19 | 09 | 76 | 1100 | | .3 | | 325 | 16.00 | 10.0 | | | | | | | |
| 13 | 10 | 76 | 1210 | | .3 | | 395 | 5.00 | 10.5 | 34.5 | | 1.5 | 123 | 8.20 | | 0.250 |
| 07 | 11 | 76 | 1250 | | .3 | | 395 | 4.40 | 11.5 | 41.0 | | 2.0 | 150 | 8.20 | | 0.290 |
| MAXIMUM | | | | | | | 395 | 16.00 | 11.5 | 41.0 | | 2.0 | 150 | 8.20 | | 0.290 |
| AVG OR GEOM MN (*) | | | | | | | 372 | 8.47 | 10.7 | 37.8 | | 1.8 | 137 | 8.20 | | 0.270 |
| MINIMUM | | | | | | | 325 | 4.40 | 10.0 | 34.5 | | 1.5 | 123 | 8.20 | | 0.250 |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 2 | | 2 | 2 | 2 | | 2 |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRLS MG/L |
|--------------------|-----------|----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|----------------------------------|
| 19 | 09 | 76 | 1100 | | .3 | | 1.0 | | | | | | | | | |
| 13 | 10 | 76 | 1210 | | .3 | | 1.0 | 140.0 | 34.00 | 13.50 | 10 | | | | 24 | |
| 07 | 11 | 76 | 1250 | | .3 | | 1.0L | 166.0 | 40.00 | 15.50 | 5 | | | | 42 | |
| MAXIMUM | | | | | | | 1.0 | 166.0 | 40.00 | 15.50 | 10 | | | | 42 | |
| AVG OR GEOM MN (*) | | | | | | | 1.00 | 153.0 | 37.00 | 14.50 | 8 | | | | 33 | |
| MINIMUM | | | | | | | 1.0 | 140.0 | 34.00 | 13.50 | 5 | | | | 24 | |
| NO OF SAMPLES | | | | | | | 3 | 2 | 2 | 2 | 2 | | | | 2 | |

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|--------------------|-----------|----------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 13 | 10 | 76 | 1210 | | .3 | | 0.810 | | | | 0.010L | 0.010L | | 0.030 | | 0.010L |
| 07 | 11 | 76 | 1250 | | .3 | | | | | | 0.010L | 0.010L | | 0.030 | | 0.010L |
| MAXIMUM | | | | | | | 0.810 | | | | 0.010 | 0.010 | | 0.030 | | 0.010 |
| AVG OR GEOM MN (*) | | | | | | | 0.810 | | | | 0.010D | 0.010D | | 0.030 | | 0.010D |
| MINIMUM | | | | | | | 0.810 | | | | 0.010 | 0.010 | | 0.030 | | 0.010 |
| NO OF SAMPLES | | | | | | | 1 | | | | 2 | 2 | | 2 | | 2 |

B.O.W. / SITE: FARR CREEK
SAMPLE POINT: DOWNSTREAM FROM CROSSWISE LAKE
STATION TYPE: RIVER FLOW GAUGE FED 02JED18

STATION ID: 18-7370-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

| STN NO | | | 1 | LAT | | LONG | | U.T.M. 17 0603100.0 5253100.0 4 | | | | REGION 05 | | MILEAGE | | 3.40 | |
|--------------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 | 03 | 76 | 1300 | | | .3 | | 15306 | 4 | 142.00 | | | | | 4.0 | | |
| 24 | 04 | 76 | 1205 | | | .3 | | 15332 | 6 | 87.20 | 380. | 24. | 1. | | 8.0 | | 0.4 |
| 22 | 05 | 76 | 1200 | | | .3 | | 15354 | 6 | 84.30 | | | | | 10.0 | | 0.8 |
| 03 | 07 | 76 | 1900 | | | .3 | | 15378 | 7 | 8.50 | 2000. | 1. | 1. | | 20.0 | | 1.6 |
| 25 | 07 | 76 | 1445 | | | .3 | | 15406 | 7 | 2.00 | 1. | 1. | 1. | | 22.0 | | 1.3 |
| 15 | 08 | 76 | 1620 | | | .3 | | 15419 | 3 | 4.50 | 20. | | 8. | | 19.0 | | 2.4 |
| 19 | 09 | 76 | 1050 | | | .3 | | 15425 | 6 | 9.50 | 250. | 8. | 4. | | 15.0 | | 1.2 |
| 13 | 10 | 76 | 1350 | | | .3 | | 15453 | 6 | 7.10 | 2800. | 134. | 44. | | 11.0 | 9.0 | 2.2 |
| 07 | 11 | 76 | 1230 | | | .3 | | 15468 | 6 | 7.50 | 160. | 1. | 1. | | 3.0 | 11.0 | 0.8 |
| 19 | 12 | 76 | 1320 | | | .3 | | 15494 | 4 | 6.60 | 360. | 32. | 4. | | 0.0 | 5.0 | 1.6 |
| MAXIMUM | | | | | | | | | | 142.00 | 2800. | 134. | 44. | | 22.0 | 11.0 | 2.4 |
| AVG OR GEOM MN (%) | | | | | | | | | | 35.92 | 167.* | 7.* | 3.* | | 11.2 | 8.3 | 1.4 |
| MINIMUM | | | | | | | | | | 2.00 | 1. | 1. | 1. | | 0.0 | 5.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | 10 | 8 | 7 | 8 | | 10 | 3 | 9 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 03 | 76 | 1300 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 1205 | | | .3 | | 0.144 | 0.115 | 0.010 | 0.340 | 0.006 | 0.014 | | 6.8 | | 114 |
| 22 | 05 | 76 | 1200 | | | .3 | | 0.143 | 0.130 | 0.044 | 0.420 | 0.002 | 0.005L | 140.0 | 6.5 | | |
| 03 | 07 | 76 | 1900 | | | .3 | | 0.390 | 0.360 | 0.014 | 0.670 | 0.002 | 0.005L | 126.0 | 2.3 | | |
| 25 | 07 | 76 | 1445 | | | .3 | | 0.630 | 0.450 | 0.012 | 0.760 | 0.004 | 0.005L | 152.0 | 6.0 | | |
| 15 | 08 | 76 | 1620 | | | .3 | | 0.510 | 0.480 | 0.024 | 0.850 | 0.004 | 0.005L | 160.0 | 10.0 | | |
| 19 | 09 | 76 | 1050 | | | .3 | | 0.770 | 0.580 | 0.720 | 2.060 | 0.019 | 0.011 | 230.0 | 8.9 | | |
| 13 | 10 | 76 | 1350 | | | .3 | | 0.395 | 0.390 | 0.020 | 0.660 | 0.005 | 0.010 | 264.0 | 11.0 | | |
| 07 | 11 | 76 | 1230 | | | .3 | | 0.244 | 0.240 | 0.024 | 0.500 | 0.020 | 0.095 | 262.0 | 15.0 | | |
| 19 | 12 | 76 | 1320 | | | .3 | | 0.367 | | 0.660 | 1.310 | 0.052 | 0.048 | 275.0 | 7.0 | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|-------|-------|-------|-------|--------|-------|------|-----|
| | | | | | | | | MAXIMUM | 0.770 | 0.580 | 0.720 | 2.060 | 0.052 | 0.095 | 275.0 | 15.0 | 114 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.399 | 0.343 | 0.170 | 0.841 | 0.013 | 0.0220 | 201.1 | 8.2 | 114 |
| | | | | | | | | MINIMUM | 0.143 | 0.115 | 0.010 | 0.340 | 0.002 | 0.005 | 126.0 | 2.3 | 114 |
| | | | | | | | | NO OF SAMPLES | 9 | 8 | 9 | 9 | 9 | 9 | 8 | 9 | 1 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 03 | 76 | 1300 | | | .3 | | 225 | | | 16.0 | | | | | | |
| 24 | 04 | 76 | 1205 | | | .3 | | 175 | 6.9 | 5.8 | 18.0 | | | | | | |
| 22 | 05 | 76 | 1200 | | | .3 | | 205 | 1.70 | 6.8 | 17.5 | | | | | | |
| 03 | 07 | 76 | 1900 | | | .3 | | 191 | 1.10 | 11.0 | 17.0 | | | | | | |
| 25 | 07 | 76 | 1445 | | | .3 | | 225 | 6.00 | 18.0 | 20.5 | | | | | | |
| 15 | 08 | 76 | 1620 | | | .3 | | 230 | 5.20 | 19.0 | 20.5 | | | | | | |
| 19 | 09 | 76 | 1050 | | | .3 | | 340 | 5.00 | 29.0 | 30.0 | | | | | | |
| 13 | 10 | 76 | 1350 | | | .3 | | 500 | 6.50 | 40.5 | 46.0 | | | | | | |
| 07 | 11 | 76 | 1230 | | | .3 | | 380 | 4.40 | 29.5 | 40.5 | | | | | | |
| 19 | 12 | 76 | 1320 | | | .3 | | 430 | 3.00 | 26.0 | 38.5 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-----|------|------|------|--|--|--|--|--|
| | | | | | | | | MAXIMUM | 500 | 6.9 | 40.5 | 46.0 | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 290 | 4.42 | 20.6 | 26.5 | | | | | |
| | | | | | | | | MINIMUM | 175 | 1.10 | 5.8 | 16.0 | | | | | |
| | | | | | | | | NO OF SAMPLES | 10 | 9 | 9 | 10 | | | | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 03 | 76 | 1300 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 24 | 04 | 76 | 1205 | | | .3 | | 1.0L | | | | | | | | 28 | |
| 22 | 05 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 03 | 07 | 76 | 1900 | | | .3 | | 1.0 | | | | | | | | 27 | |
| 25 | 07 | 76 | 1445 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 15 | 08 | 76 | 1620 | | | .3 | | 1.0 | | | | | | | | 22 | |
| 19 | 09 | 76 | 1050 | | | .3 | | 1.0L | | | | | | | | 29 | |
| 13 | 10 | 76 | 1350 | | | .3 | | 1.0L | | | | | | | | 37 | |
| 07 | 11 | 76 | 1230 | | | .3 | | 1.0L | | | | | | | | 34 | |
| 19 | 12 | 76 | 1320 | | | .3 | | 1.0 | | | | | | | | 8 | |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|------|--|--|--|--|--|--|----|--|
| | | | | | | | | MAXIMUM | 1.0 | | | | | | | 37 | |
| | | | | | | | | AVG OR GEOM MN (*) | 1.00 | | | | | | | 25 | |
| | | | | | | | | MINIMUM | 1.0 | | | | | | | 8 | |
| | | | | | | | | NO OF SAMPLES | 10 | | | | | | | 10 | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 03 | 76 | 1300 | | | .3 | | | | | | 0.020 | 0.020 | | 0.020 | | 0.030 |
| 24 | 04 | 76 | 1205 | | | .3 | | 0.380 | | | | 0.060 | 0.010L | | 0.020 | | 0.020 |
| 22 | 05 | 76 | 1200 | | | .3 | | 0.350 | | | | 0.010 | 0.010L | | 0.020 | | 0.020 |
| 03 | 07 | 76 | 1900 | | | .3 | | 0.390 | | | | 0.020 | 0.010L | | 0.010L | | 0.030 |
| 25 | 07 | 76 | 1445 | | | .3 | | 0.470 | | | | 0.020 | 0.010L | | 0.010L | | 0.020 |
| 15 | 08 | 76 | 1620 | | | .3 | | | | | | 0.010 | 0.010L | | 0.020 | | 0.020 |
| 19 | 09 | 76 | 1050 | | | .3 | | | | | | 0.010 | 0.010L | | 0.050 | | 0.020 |
| 13 | 10 | 76 | 1350 | | | .3 | | | | | | 0.010 | 0.010L | | 0.060 | | 0.030 |
| 07 | 11 | 76 | 1230 | | | .3 | | | | | | 0.010L | 0.010L | | 0.020 | | 0.020 |
| 19 | 12 | 76 | 1320 | | | .3 | | | | | | 0.01 L | 0.01 L | | 0.04 | | 0.05 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|-------|--|--|--------|--------|--|--------|--|-------|
| | | | | | | | | MAXIMUM | 0.470 | | | 0.060 | 0.020 | | 0.060 | | 0.05 |
| | | | | | | | | AVG OR GEOM MN (*) | 0.398 | | | 0.0180 | 0.0110 | | 0.0270 | | 0.026 |
| | | | | | | | | MINIMUM | 0.350 | | | 0.010 | 0.010 | | 0.010 | | 0.020 |
| | | | | | | | | NO OF SAMPLES | 4 | | | 10 | 10 | | 10 | | 10 |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS"A" DISS PCI/L | 453 GROSS"A" UNDISS PCI/L | 454 GROSS"B" DISS PCI/L | 455 GROSS"B" UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 25 | 03 | 76 | 1300 | | | .3 | | | | 0.01 L | | | | | | | 15306 |
| 24 | 04 | 76 | 1205 | | | .3 | | | | | | | | | | | 15332 |
| 22 | 05 | 76 | 1200 | | | .3 | | | | 0.02 | | | | | | | 15354 |
| 03 | 07 | 76 | 1900 | | | .3 | | | | 0.01 L | | | | | | | 15378 |
| 25 | 07 | 76 | 1445 | | | .3 | | | | 0.01 L | | | | | | | 15406 |
| 15 | 08 | 76 | 1620 | | | .3 | | | | | | | | | | | 15419 |
| 19 | 09 | 76 | 1050 | | | .3 | | | | | | | | | | | 15425 |
| 13 | 10 | 76 | 1350 | | | .3 | | | | | | | | | | | 15453 |
| 07 | 11 | 76 | 1230 | | | .3 | | | | | | | | | | | 15468 |
| 19 | 12 | 76 | 1320 | | | .3 | | | | | | | | | | | 15494 |

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------|--|--------|--|--|--|--|--|--|--|
| | | | | | | | | MAXIMUM | | 0.02 | | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | | 0.01 D | | | | | | | |
| | | | | | | | | MINIMUM | | 0.01 | | | | | | | |
| | | | | | | | | NO OF SAMPLES | | 4 | | | | | | | |

B.O.W./ SITE: SASAGINAGA LAKE
SAMPLE POINT: NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

| STN NO | 3 | LAT | LONG | U.T.M. 17 0598350.0 5250300.0 4 | REGION 05 | MILEAGE | 6.50 | | | | | | | | | | |
|--------------------|--------|-------|------|---------------------------------|-----------|-----------------|------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 25 | 03 | 76 | 1210 | | | .3 | | 15304 | 6 4 | | | | | | 4.0 | | |
| 24 | 04 | 76 | 1100 | | | .3 | | 15329 | 6 | | 1. | 1. | 1. | | 4.0 | | 0.2 |
| 22 | 05 | 76 | 1040 | | | .3 | | 15351 | 6 | | | | | | 9.0 | | 0.4 |
| 03 | 07 | 76 | 1800 | | | .3 | | 15375 | 6 | | 1. | 1. | 1. | | 20.0 | | 0.6 |
| 25 | 07 | 76 | 1330 | | | .3 | | 15403 | 6 | | | | | | 21.0 | | 0.4 |
| 15 | 08 | 76 | 1530 | | | .3 | | 15416 | 6 | | 10. L | | 1. | | 20.0 | | 0.8 |
| 19 | 09 | 76 | 1215 | | | .3 | | 15429 | 6 | | 1. | 1. | 1. | | 15.0 | | 2.4 |
| 13 | 10 | 76 | 1200 | | | .3 | | 15449 | 6 | | 1. | 1. | 1. | | 11.0 | 5.0 | 0.4 |
| 07 | 11 | 76 | 1515 | | | .3 | | 15472 | 6 | | 1. | 1. | 1. | | 3.0 | 9.0 | 0.4 |
| 19 | 12 | 76 | 1110 | | | .3 | | 15490 | 4 | | 28. | 2. L | 2. L | | 0.0 | 3.5 | 0.6 |
| MAXIMUM | | | | | | | | | | | 28. | 2. | 2. | | 21.0 | 9.0 | 2.4 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 2.* D | 1.* D | 1.* D | | 10.7 | 5.8 | 0.7 |
| MINIMUM | | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 3.5 | 0.2 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 6 | 7 | | 10 | 3 | 9 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 | 03 | 76 | 1210 | | | .3 | | | | | | | | | | | |
| 24 | 04 | 76 | 1100 | | | .3 | | 0.021 | 0.009 | 0.006 | 0.250 | 0.002 | 0.018 | 109. | 21. | | |
| 22 | 05 | 76 | 1040 | | | .3 | | 0.009 | 0.002 | 0.022 | 0.280 | 0.004 | 0.026 | 92.0 | 1.2 | | |
| 03 | 07 | 76 | 1800 | | | .3 | | 0.011 | 0.001 | 0.018 | 0.350 | 0.001 | 0.005L | 93.0 | 1.9 | | |
| 25 | 07 | 76 | 1330 | | | .3 | | 0.009 | 0.001L | 0.004 | 0.300 | 0.001 | 0.005L | 97.0 | 6.0 | | |
| 15 | 08 | 76 | 1530 | | | .3 | | 0.011 | 0.003 | 0.094 | 0.300 | 0.003 | 0.027 | 94.0 | 3.4 | | |
| 19 | 09 | 76 | 1215 | | | .3 | | 0.013 | 0.002 | 0.002 | 0.370 | 0.001L | 0.005L | 95.0 | 1.1 | | |
| 13 | 10 | 76 | 1200 | | | .3 | | 0.010 | 0.005 | 0.012 | 0.310 | 0.001 | 0.009 | 116.0 | 1.8 | | |
| 07 | 11 | 76 | 1515 | | | .3 | | 0.013 | 0.005 | 0.010 | 0.280 | 0.001 | 0.014 | 96.0 | 1.7 | | |
| 19 | 12 | 76 | 1110 | | | .3 | | 0.060 | 0.001 | 0.052 | 0.370 | 0.009 | 0.006 | 105.0 | 3.9 | | |
| MAXIMUM | | | | | | | | 0.060 | 0.009 | 0.094 | 0.370 | 0.009 | 0.027 | 116.0 | 21. | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.017 | 0.003D | 0.024 | 0.312 | 0.003D | 0.013D | 99.7 | 4.7 | | |
| MINIMUM | | | | | | | | 0.009 | 0.001 | 0.002 | 0.250 | 0.001 | 0.005 | 92.0 | 1.1 | | |
| NO OF SAMPLES | | | | | | | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 | 03 | 76 | 1210 | | | .3 | | 150 | | | 11.0 | | | | | | |
| 24 | 04 | 76 | 1100 | | | .3 | | 135 | 0.8 | 4.5 | 13.0 | | | | | | |
| 22 | 05 | 76 | 1040 | | | .3 | | 140 | 0.65 | 4.9 | 11.5 | | | | | | |
| 03 | 07 | 76 | 1800 | | | .3 | | 140 | 1.30 | 5.1 | 12.0 | | | | | | |
| 25 | 07 | 76 | 1330 | | | .3 | | 139 | 1.10 | 4.7 | 8.5 | | | | | | |
| 15 | 08 | 76 | 1530 | | | .3 | | 142 | 3.60 | 5.0 | 12.5 | | | | | | |
| 19 | 09 | 76 | 1215 | | | .3 | | 146 | 0.80 | 5.1 | 10.0 | | | | | | |
| 13 | 10 | 76 | 1200 | | | .3 | | 175 | 1.00 | 4.9 | 12.5 | | | | | | |
| 07 | 11 | 76 | 1515 | | | .3 | | 146 | 0.90 | 4.7 | 12.0 | | | | | | |
| 19 | 12 | 76 | 1110 | | | .3 | | 155 | 1.00 | 5.1 | 13.5 | | | | | | |
| MAXIMUM | | | | | | | | 175 | 3.60 | 5.1 | 13.5 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 147 | 1.24 | 4.9 | 11.7 | | | | | | |
| MINIMUM | | | | | | | | 135 | 0.65 | 4.5 | 8.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | 10 | 9 | 9 | 10 | | | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 25 | 03 | 76 | 1210 | | | .3 | | 1.0L | | | | | | | | 16 | |
| 24 | 04 | 76 | 1100 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 22 | 05 | 76 | 1040 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 03 | 07 | 76 | 1800 | | | .3 | | 1.0L | | | | | | | | 20 | |
| 25 | 07 | 76 | 1330 | | | .3 | | 1.0L | | | | | | | | 24 | |
| 15 | 08 | 76 | 1530 | | | .3 | | 1.0 | | | | | | | | 24 | |
| 19 | 09 | 76 | 1215 | | | .3 | | 1.0L | | | | | | | | 12 | |
| 13 | 10 | 76 | 1200 | | | .3 | | 1.0 | | | | | | | | 37 | |
| 07 | 11 | 76 | 1515 | | | .3 | | 1.0L | | | | | | | | 40 | |
| 19 | 12 | 76 | 1110 | | | .3 | | 1.0L | | | | | | | | 11 | |
| MAXIMUM | | | | | | | | 1.0 | | | | | | | | 40 | |
| AVG OR GEOM MN (*) | | | | | | | | 1.0D | | | | | | | | 23 | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | 11 | |
| NO OF SAMPLES | | | | | | | | 10 | | | | | | | | 10 | |

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|-------|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 03 | 76 | 1210 | | .3 | | | | | | 0.020L | 0.010L | | 0.010L | | 0.010L |
| 24 | 04 | 76 | 1100 | | .3 | 0.002 | | | | | 0.020L | 0.010L | | 0.020L | | 0.010L |
| 22 | 05 | 76 | 1040 | | .3 | 0.003 | | | | | 0.010L | 0.010L | | 0.010L | | 0.020L |
| 03 | 07 | 76 | 1800 | | .3 | 0.004 | | | | | 0.020 | 0.010L | | 0.010L | | 0.010L |
| 25 | 07 | 76 | 1330 | | .3 | 0.002 | | | | | 0.020 | 0.010L | | 0.010L | | 0.010L |
| 15 | 08 | 76 | 1530 | | .3 | | | | | | 0.010L | 0.010L | | 0.010 | | 0.010L |
| 19 | 09 | 76 | 1215 | | .3 | | | | | | 0.030 | 0.010L | | 0.020 | | 0.010L |
| 13 | 10 | 76 | 1200 | | .3 | | | | | | 0.010 | 0.010L | | 0.040 | | 0.010L |
| 07 | 11 | 76 | 1515 | | .3 | | | | | | 0.010L | 0.010L | | 0.020 | | 0.010L |
| 19 | 12 | 76 | 1110 | | .3 | | | | | | 0.01 L | 0.01 L | | 0.19 | | 0.01 L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.004
0.003
0.002

0.030
0.016D
0.010

0.010
0.010D
0.010

0.19
0.034D
0.010

0.020
0.011D
0.010

NO OF SAMPLES

4

10

10

10

10

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|-------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 25 | 03 | 76 | 1210 | | .3 | | | | 0.01 L | | | | | | | 15304 |
| 24 | 04 | 76 | 1100 | | .3 | | | | 0.01 L | | | | | | | 15329 |
| 22 | 05 | 76 | 1040 | | .3 | | | | 0.01 L | | | | | | | 15351 |
| 03 | 07 | 76 | 1800 | | .3 | | | | 0.01 L | | | | | | | 15375 |
| 25 | 07 | 76 | 1330 | | .3 | | | | 0.01 | | | | | | | 15403 |
| 15 | 08 | 76 | 1530 | | .3 | | | | | | | | | | | 15416 |
| 19 | 09 | 76 | 1215 | | .3 | | | | | | | | | | | 15429 |
| 13 | 10 | 76 | 1200 | | .3 | | | | | | | | | | | 15449 |
| 07 | 11 | 76 | 1515 | | .3 | | | | | | | | | | | 15472 |
| 19 | 12 | 76 | 1110 | | .3 | | | | 0.01 L | | | | | | | 15490 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.01
0.01 D
0.01

NO OF SAMPLES

5

B.O.W. / SITE: WABI CREEK
SAMPLE POINT: HIGHWAY 11 BYPASS NEAR NEW LISKEARD
STATION TYPE: RIVER

STATION ID: 18-7450-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: WABI CREEK

STORET CODE: 02
006
6970

| STN NO | | | 1 | LAT | | LONG | | U.T.M. 17 0598800.0 5263650.0 4 | | | | | REGION 05 | | MILEAGE | | 0.40 |
|--------|----|-----|------|-----|------|------|-------|---------------------------------|-----|------|----------|----------|-----------|----------|---------|-------|-------|
| SAMP | | DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY | | MO | YR | LMT | DIST | BRG | DEPTH | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | | | | FEET | | MTRS | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | O2 | BOD |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 | 04 | 76 | 1300 | | | | .3 | 15333 | 6 | | 1300. | 10. L | 1. | | 5.0 | | 1.2 |
| 22 | 05 | 76 | 1230 | | | | .3 | 15355 | 6 | | | | | | 10.0 | | 1.2 |
| 03 | 07 | 76 | 1930 | | | | .3 | 15379 | 6 | | | | | | 20.0 | | 0.6 |
| 25 | 07 | 76 | 1525 | | | | .3 | 15407 | 6 | | 100. | 1. | 1. | | 22.0 | | 1.0 |
| 15 | 08 | 76 | 1700 | | | | .3 | 15420 | 6 | | 1000. | | 60. | | | | 2.0 |
| 19 | 09 | 76 | 1015 | | | | .3 | 15424 | 6 | | 300. | 48. | 12. | | 15.0 | | 2.2 |
| 07 | 11 | 76 | 1150 | | | | .3 | 15467 | 4 | | 500. | 8. | 1. | | 0.0 | 10.0 | 1.3 |
| 19 | 12 | 76 | 1440 | | | | .3 | 15491 | 4 | | 7400. | 22. | 2. | | 0.0 | 7.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

7400.
724.
100.

48.
10.
1.

60.
3.
1.

22.0
10.3
0.0

10.0
8.5
7.0

2.2
1.3
0.6

NO OF SAMPLES

6

5

6

7

2

8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 04 | 76 | 1300 | | .3 | | 0.128 | 0.091 | 0.278 | 0.840 | 0.019 | 0.171 | 278. | 154. | | |
| 22 | 05 | 76 | 1230 | | .3 | | 0.130 | 0.054 | 0.068 | 0.680 | 0.021 | 0.214 | 233.0 | 100.0 | | |
| 03 | 07 | 76 | 1930 | | .3 | | 0.076 | 0.041 | 0.072 | 0.600 | 0.009 | 0.011 | 167.0 | 21.0 | | |
| 25 | 07 | 76 | 1525 | | .3 | | 0.188 | 0.023 | 0.018 | 0.960 | 0.003 | 0.007 | 139.0 | 25.0 | | |
| 15 | 08 | 76 | 1700 | | .3 | | 0.615 | 0.148 | 0.066 | 1.700 | 0.011 | 0.074 | 535.0 | 444.0 | | |
| 19 | 09 | 76 | 1015 | | .3 | | 0.133 | 0.086 | 0.082 | 1.080 | 0.014 | 0.331 | 200.0 | 31.0 | | |
| 07 | 11 | 76 | 1150 | | .3 | | 0.086 | 0.008 | 0.008 | 0.500 | 0.004 | 0.011 | 183.0 | 43.0 | | |
| 19 | 12 | 76 | 1440 | | .3 | | 0.023 | 0.001 | 0.002L | 0.310 | 0.005 | 0.095 | 109.0 | 5.1 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.615
0.172
0.023

0.148
0.057
0.001

0.278
0.074D
0.002

1.700
0.834
0.310

0.021
0.011
0.003

0.331
0.114
0.007

535.0
230.5
109.0

444.0
102.9
5.1

NO OF SAMPLES

8

8

8

8

8

8

8

8

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 04 | 76 | 1300 | | | .3 | | 190 | 120. | 13. | | | | | | | |
| 22 | 05 | 76 | 1230 | | | .3 | | 205 | 85.00 | 9.0 | | | | | | | |
| 03 | 07 | 76 | 1930 | | | .3 | | 225 | 34.00 | 6.9 | | | | | | | |
| 25 | 07 | 76 | 1525 | | | .3 | | 173 | 15.00 | 4.5 | | | | | | | |
| 15 | 08 | 76 | 1700 | | | .3 | | 142 | 200.00 | 4.2 | | | | | | | |
| 19 | 09 | 76 | 1015 | | | .3 | | 260 | 36.00 | 12.5 | | | | | | | |
| 07 | 11 | 76 | 1150 | | | .3 | | 215 | 33.00 | 7.6 | | | | | | | |
| 19 | 12 | 76 | 1440 | | | .3 | | 160 | 8.00 | 27.0 | | | | | | | |

| | | | |
|--------------------|-----|--------|------|
| MAXIMUM | 260 | 200.00 | 27.0 |
| AVG OR GEOM MN (*) | 196 | 66.38 | 10.6 |
| MINIMUM | 142 | 8.00 | 4.2 |
| NO OF SAMPLES | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 04 | 76 | 1300 | | | .3 | | 0.002 | | | | | | | | | |
| 22 | 05 | 76 | 1230 | | | .3 | | 0.001 | | | | | | | | | |
| 03 | 07 | 76 | 1930 | | | .3 | | 0.002 | | | | | | | | | |
| 25 | 07 | 76 | 1525 | | | .3 | | 0.002 | | | | | | | | | |
| 19 | 09 | 76 | 1015 | | | .3 | | 0.001 | | | | | | | | | |

| | | | |
|--------------------|--------|--|--|
| MAXIMUM | 0.002 | | |
| AVG OR GEOM MN (*) | 0.0020 | | |
| MINIMUM | 0.001 | | |
| NO OF SAMPLES | 5 | | |

B.O.W./ SITE: WINNIPEG RIVER
SAMPLE POINT: UPSTREAM OF O-M PULP & PAPER CO AT FIRST CPR BRIDGE WEST OF MAIN ST KENORA
STATION TYPE: RIVER
STATION ID: 19-0001-001-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
STORET CODE: 05 001

| STN NO 1 | | | | LAT | | LONG | | U.T.M. 15 0392025.0 5513975.0 4 | | | | | | REGION 06 | | MILEAGE | | 59.00 | |
|---------------|----|----|------|---------------|---------|-----------------|----|---------------------------------|-----|----------|-------------------------|-------------------------|----------------------|---------------------|-------------------|---------------|----------------|-------|--|
| SAMP DTE HOUR | | | | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | | |
| DAY | MO | YR | LMT | | | | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L | | |
| 16 | 02 | 76 | 0930 | | | .3 | | 12200 | 6 | | 1400. | 372. | 1. | | | | 0.2 | | |
| 17 | 03 | 76 | 0930 | | | .3 | | 12202 | 6 | | 12100. | 44. | 8. | | 1.0 | 13.0 | 1.0 | | |
| 20 | 04 | 76 | 1000 | | | .3 | | 12204 | 6 | | 73000E+1 | 24. | 1. | 2.0 | 13.0 | 0.6 | | | |
| 31 | 05 | 76 | 0930 | | | .3 | | 12206 | 6 9 | | 300. | 4. | 1. | 15.0 | 11.0 | | | | |
| 28 | 06 | 76 | 1030 | | | .3 | | 12208 | 5 | | | | | 18.0 | 10.0 | 1.8 | | | |
| 28 | 07 | 76 | 1030 | | | .3 | | 12210 | 6 | | 19000E+2 | 4. | 1. | 20.0 | 9.0 | 0.8 | | | |
| 07 | 09 | 76 | 0945 | | | .3 | | 12212 | 5 | | 58000E+1 | 232. | 52. | 18.0 | 10.5 | 5.0 | | | |
| 05 | 10 | 76 | 1015 | | | .3 | | 12214 | 5 | | | | | 11.0 | 10.0 | 2.2 | | | |
| 01 | 11 | 76 | 0915 | | | .3 | | 12216 | | | 1300. | 80. | 32. | 2.0 | 12.0 | 1.4 | | | |

| | | | | | | |
|--------------------|----------|------|-----|------|------|-----|
| MAXIMUM | 19000E+2 | 372. | 52. | 20.0 | 13.0 | 5.0 |
| AVG OR GEOM MN (*) | 24511. | 38. | 4. | 10.9 | 11.1 | 1.6 |
| MINIMUM | 300. | 4. | 1. | 1.0 | 9.0 | 0.2 |
| NO OF SAMPLES | 7 | 7 | 7 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 0930 | | | .3 | | 0.027 | 0.015 | 0.030 | 0.420 | 0.004 | 0.040 | | 3.0 | | |
| 17 | 03 | 76 | 0930 | | | .3 | | 0.024 | 0.014 | 0.020 | 0.620 | 0.004 | 0.090 | | 2.0 | | |
| 20 | 04 | 76 | 1000 | | | .3 | | 0.031 | 0.013 | 0.020 | 0.450 | 0.004 | 0.030 | | 2.0 | | |
| 31 | 05 | 76 | 0930 | | | .3 | | | | | | | | | | | |
| 28 | 06 | 76 | 1030 | | | .3 | | 0.018 | 0.005 | 0.040 | 0.540 | 0.003 | 0.010L | | 2.0 | | |
| 28 | 07 | 76 | 1030 | | | .3 | | 0.021 | 0.004 | 0.010 | 0.470 | 0.002 | 0.010L | | 3.0 | | |
| 07 | 09 | 76 | 0945 | | | .3 | | 0.036 | 0.002 | 0.030 | 0.950 | 0.003 | 0.010L | | 10.0 | | |
| 05 | 10 | 76 | 1015 | | | .3 | | 0.055 | 0.005 | 0.030 | 0.830 | 0.003 | 0.010L | | 10.0 | | |
| 01 | 11 | 76 | 0915 | | | .3 | | 0.020 | 0.005 | 0.060 | 0.600 | 0.010 | 0.020 | | 1.0 | | |

| | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|------|
| MAXIMUM | 0.055 | 0.015 | 0.060 | 0.950 | 0.010 | 0.090 | 10.0 |
| AVG OR GEOM MN (*) | 0.029 | 0.008 | 0.030 | 0.610 | 0.004 | 0.0280 | 4.1 |
| MINIMUM | 0.018 | 0.002 | 0.010 | 0.420 | 0.002 | 0.010 | 1.0 |
| NO OF SAMPLES | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 0930 | | | .3 | | 106 | 3.70 | 2.0 | | | | | | | |
| 17 | 03 | 76 | 0930 | | | .3 | | 103 | 3.30 | 1.0 | | | | | | | |
| 20 | 04 | 76 | 1000 | | | .3 | | 98 | 3.70 | 2.0 | | | | | | | |
| 28 | 06 | 76 | 1030 | | | .3 | | 112 | 1.50 | 1.0 | | | | | | | |
| 28 | 07 | 76 | 1030 | | | .3 | | 105 | 1.80 | 2.0 | | | | | | | |
| 07 | 09 | 76 | 0945 | | | .3 | | 112 | 6.60 | 2.0 | | | | | | | |
| 05 | 10 | 76 | 1015 | | | .3 | | 129 | 5.10 | 3.0 | | | | | | | |
| 01 | 11 | 76 | 0915 | | | .3 | | 113 | 1.60 | 1.0L | | | | | | | |

| | | | |
|--------------------|-----|------|------|
| MAXIMUM | 129 | 6.60 | 3.0 |
| AVG OR GEOM MN (*) | 110 | 3.41 | 1.80 |
| MINIMUM | 98 | 1.50 | 1.0 |
| NO OF SAMPLES | 8 | 8 | 8 |

B.O.W. / SITE: WINNIPEG RIVER
SAMPLE POINT: DOWNSTREAM OF O-M PULP & PAPER COMPANY NORTHWEST OF OLD FORT ISLAND
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER

STATION ID: 19-0001-002-02

STORET CODE: 05
001

| STN NO | 2 | LAT | LONG | U.T.M. 15 0391150.0 5515625.0 4 | | | | | | | | | | REGION 06 | MILEAGE | 57.30 | |
|--------------------|-----------|----------|------|---------------------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 16 | 02 | 76 | 1415 | | | .3 | | 12201 | 6 | | 900. | 40. | 20. | | | | 0.8 |
| 17 | 03 | 76 | 1400 | | | .3 | | 12203 | | | 14900. | 140. | 52. | | | | 2.4 |
| 20 | 04 | 76 | 1200 | | | .3 | | 12205 | 5 8 | | 30000E+2 | 3600. | 420. | | 2.0 | 12.0 | 3.6 |
| 31 | 05 | 76 | 1015 | | | .3 | | 12207 | 5 9 | | 30000. | 210. | 1. | | 18.0 | 8.0 | |
| 28 | 06 | 76 | 1115 | | | .3 | | 12209 | 5 | | | | | | 18.0 | 9.0 | 3.2 |
| 28 | 07 | 76 | 1115 | | | .3 | | 12211 | 5 9 | | 1900. | 252. | 168. | | 20.0 | 6.0 | 17.0 |
| 07 | 09 | 76 | 1045 | | | .3 | | 12213 | 5 9 | | 20000E+1 | 196. | 32. | | 18.0 | 9.5 | 2.8 |
| 05 | 10 | 76 | 1115 | | | .3 | | 12215 | 5 9 | | | | | | 10.0 | 8.5 | 9.5 |
| 01 | 11 | 76 | 1015 | | | .3 | | 12217 | 5 9 | | 90000E+2 | 92. | 64. | | 3.0 | 10.5 | 3.4 |
| MAXIMUM | | | | | | | | | | | 90000E+2 | 3600. | 420. | | 20.0 | 12.0 | 17.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 63422.* | 212.* | 40.* | | 12.7 | 9.1 | 5.3 |
| MINIMUM | | | | | | | | | | | 900. | 40. | 1. | | 2.0 | 6.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | | 7 | 7 | 7 | | 7 | 7 | 8 |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDHAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 16 | 02 | 76 | 1415 | | | .3 | | 0.028 | 0.018 | 0.020 | 0.460 | 0.004 | 0.040 | | 3.0 | | |
| 17 | 03 | 76 | 1400 | | | .3 | | 0.030 | 0.006 | 0.010 | 0.640 | 0.005 | 0.040 | | 2.0 | | |
| 20 | 04 | 76 | 1200 | | | .3 | | 0.041 | 0.006 | 0.020 | 0.530 | 0.008 | 0.020 | | 10.0 | | |
| 31 | 05 | 76 | 1015 | | | .3 | | | | | | | | | | | |
| 28 | 06 | 76 | 1115 | | | .3 | | 0.020 | 0.001 | 0.010 | 0.510 | 0.003 | 0.010L | | 5.0 | | |
| 28 | 07 | 76 | 1115 | | | .3 | | 0.029 | 0.002 | 0.030 | 0.570 | 0.002 | 0.010L | | 5.0 | | |
| 07 | 09 | 76 | 1045 | | | .3 | | 0.033 | 0.002 | 0.020 | 0.670 | 0.003 | 0.010L | | 5.0 | | |
| 05 | 10 | 76 | 1115 | | | .3 | | 0.044 | 0.003 | 0.010 | 0.840 | 0.002 | 0.010L | | 10.0 | | |
| 01 | 11 | 76 | 1015 | | | .3 | | 0.032 | 0.005 | 0.020 | 0.700 | 0.010 | 0.010 | | 5.0 | | |
| MAXIMUM | | | | | | | | 0.044 | 0.018 | 0.030 | 0.840 | 0.010 | 0.040 | | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.032 | 0.005 | 0.018 | 0.615 | 0.005 | 0.0190 | | 5.6 | | |
| MINIMUM | | | | | | | | 0.020 | 0.001 | 0.010 | 0.460 | 0.002 | 0.010 | | 2.0 | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | 8 | 8 | 8 | | 8 | | |

| SAMP DY | DTE MO | HR YR | STN LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|--------------------|-----------|----------|------------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 16 | 02 | 76 | 1415 | | | .3 | | 106 | 4.00 | 2.0 | | | | | | | |
| 17 | 03 | 76 | 1400 | | | .3 | | 108 | 3.70 | 2.0 | | | | | | | |
| 20 | 04 | 76 | 1200 | | | .3 | | 102 | 4.70 | 2.0 | | | | | | | |
| 28 | 06 | 76 | 1115 | | | .3 | | 124 | 2.80 | 2.0 | | | | | | | |
| 28 | 07 | 76 | 1115 | | | .3 | | 140 | 3.00 | 4.0 | | | | | | | |
| 07 | 09 | 76 | 1045 | | | .3 | | 113 | 3.30 | 2.0 | | | | | | | |
| 05 | 10 | 76 | 1115 | | | .3 | | 150 | 7.40 | 4.0 | | | | | | | |
| 01 | 11 | 76 | 1015 | | | .3 | | 120 | 3.00 | 1.0 | | | | | | | |
| MAXIMUM | | | | | | | | 150 | 7.40 | 4.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 120 | 3.99 | 2.4 | | | | | | | |
| MINIMUM | | | | | | | | 102 | 2.80 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | | | | 8 | 8 | 8 | | | | | | | |

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER

STATION ID: 19-0001-003-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

| STN NO | | | | 3 | | LAT | | LONG | | U.T.M. 15 0435500.0 5386000.0 4 | | | | REGION 06 | | MILEAGE | | 175.40 | |
|--------------------|----|------|------|------|-----|-------|----|---------|----------|---------------------------------|----------|----------|----------|-----------|---------|---------|----------|--------|--|
| SAMP DTE | | HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 | | |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY | | |
| | | | | FEET | | MTRS | | NO | | CFS | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD | | |
| | | | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L | | |
| 09 | 02 | 76 | 1435 | | | .3 | | 12306 | 4 | | 1400. | 1. | 1. | | | | 2.8 | | |
| 08 | 03 | 76 | 1430 | | | .3 | | 12315 | 4 | | 132. | 24. | 1. | | | | 3.2 | | |
| 05 | 04 | 76 | 1430 | | | .3 | | 12325 | 6 8 | | 568. | 236. | 12. | | | | 1.8 | | |
| 03 | 05 | 76 | 1530 | | | .3 | | 12335 | 6 | | 1100. | 8. | 1. | | | | 1.2 | | |
| 28 | 06 | 76 | 1530 | | | .3 | | 12344 | | | 480. | 16. | 1. | | 19.0 | 8.0 | 2.0 | | |
| 26 | 07 | 76 | 1520 | | | .3 | | 12353 | | | 200. | 20. | 1. | | 22.0 | 8.0 | 0.4 | | |
| 24 | 08 | 76 | 0910 | | | .3 | | 12362 | 8 | | 8. | 1. | 1. | | 23.0 | 8.0 | 1.2 | | |
| MAXIMUM | | | | | | | | | | | 1400. | 236. | 12. | | 23.0 | 8.0 | 3.2 | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 264.* | 11.* | 1.* | | 21.3 | 8.0 | 1.6 | | |
| MINIMUM | | | | | | | | | | | 8. | 1. | 1. | | 19.0 | 8.0 | 0.4 | | |
| NO OF SAMPLES | | | | | | | | | | | 7 | 7 | 7 | | 3 | 3 | 7 | | |
| SAMP DTE | | HOUR | | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 | | |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL | | |
| | | | | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS | | |
| | | | | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | | |
| 09 | 02 | 76 | 1435 | | | .3 | | 0.046 | 0.002 | 0.030 | 1.500 | 0.002 | 0.020 | | 3.0 | | | | |
| 08 | 03 | 76 | 1430 | | | .3 | | 0.110 | 0.077 | 0.200 | 1.800 | 0.019 | 0.230 | | 5. | | | | |
| 05 | 04 | 76 | 1430 | | | .3 | | 0.090 | 0.021 | 0.090 | 0.680 | 0.007 | 0.060 | | 50.0 | | | | |
| 03 | 05 | 76 | 1530 | | | .3 | | 0.032 | 0.005 | 0.020 | 0.300 | 0.005 | 0.010L | | 15.0 | | | | |
| 28 | 06 | 76 | 1530 | | | .3 | | 0.075 | 0.023 | 0.050 | 0.750 | 0.010 | 0.010 | | 25.0 | | | | |
| 26 | 07 | 76 | 1520 | | | .3 | | 0.054 | 0.015 | 0.020 | 0.560 | 0.005 | 0.010L | | 10.0 | | | | |
| 24 | 08 | 76 | 0910 | | | .3 | | 0.059 | 0.020 | 0.040 | 0.500 | 0.004 | 0.010L | | 5.0 | | | | |
| MAXIMUM | | | | | | | | 0.110 | 0.077 | 0.200 | 1.800 | 0.019 | 0.230 | | 50.0 | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.067 | 0.023 | 0.064 | 0.870 | 0.007 | 0.0500 | | 16.1 | | | | |
| MINIMUM | | | | | | | | 0.032 | 0.002 | 0.020 | 0.300 | 0.002 | 0.010 | | 3.0 | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | 7 | | | | |
| SAMP DTE | | HOUR | | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 | | |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL | | |
| | | | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON | | |
| | | | | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L | | |
| 09 | 02 | 76 | 1435 | | | .3 | | 69 | 2.00 | 3.0 | | | | | | | | | |
| 08 | 03 | 76 | 1430 | | | .3 | | 150 | 2. | 6. | | | | | | | | | |
| 05 | 04 | 76 | 1430 | | | .3 | | 93 | 14.00 | 3.0 | | | | | | | | | |
| 03 | 05 | 76 | 1530 | | | .3 | | 71 | 5.50 | 3.0 | | | | | | | | | |
| 28 | 06 | 76 | 1530 | | | .3 | | 116 | 16.00 | 3.0 | | | | | | | | | |
| 26 | 07 | 76 | 1520 | | | .3 | | 87 | 7.10 | 3.0 | | | | | | | | | |
| 24 | 08 | 76 | 0910 | | | .3 | | 87 | 3.60 | 6.0 | | | | | | | | | |
| MAXIMUM | | | | | | | | 150 | 16.00 | 6. | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 96 | 7.17 | 3.9 | | | | | | | | | |
| MINIMUM | | | | | | | | 69 | 2.00 | 3.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | | | | | | | | | |
| SAMP DTE | | HOUR | | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 | | |
| DY | MO | YR | LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT | | |
| | | | | FEET | | MTRS | | | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | | EXTRBLES | | |
| | | | | | | | | UG/L | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L | | |
| 09 | 02 | 76 | 1435 | | | .3 | | 8.0 | | | | | | | | | | | |
| 08 | 03 | 76 | 1430 | | | .3 | | 6. | | | | | | | | | | | |
| 05 | 04 | 76 | 1430 | | | .3 | | 5.0 | | | | | | | | | | | |
| 03 | 05 | 76 | 1530 | | | .3 | | 5.0 | | | | | | | | | | | |
| 28 | 06 | 76 | 1530 | | | .3 | | 2.0 | | | | | | | | | | | |
| 26 | 07 | 76 | 1520 | | | .3 | | 72.0 | | | | | | | | | | | |
| 24 | 08 | 76 | 0910 | | | .3 | | | | | | | | | | | | | |
| MAXIMUM | | | | | | | | 72.0 | | | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 16.3 | | | | | | | | | | | |
| MINIMUM | | | | | | | | 2.0 | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 6 | | | | | | | | | | | |

B.O.W./ SITE: RAINY RIVER
 SAMPLE POINT: TOLL BRIDGE FORT FRANCES
 STATION TYPE: RIVER FLOW GAUGE FED 05PC019

STATION ID: 19-0001-004-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
 001

STN NO 4 LAT LONG U.T.M. 15 0470300.0 5383700.0 4 REGION 06 MILEAGE 211.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|-----|
| 10 | 02 | 76 | 1315 | | | .3 | | 12301 | 6 | 6340.00 | 20. | 1. | 1. | | | | | 1.4 |
| 08 | 03 | 76 | 1515 | | | .3 | | 12310 | 4 | 8490.00 | | | | | | | | 0.8 |
| 05 | 04 | 76 | 1630 | | | .3 | | 12319 | 6 | 10900.00 | 12. | 16. | 4. | | | | | 1.0 |
| 04 | 05 | 76 | 1100 | | | .3 | | 12329 | 6 | 14300.00 | 24. | 4. | 1. | | | | | 0.8 |
| 29 | 06 | 76 | 1115 | | | .3 | | 12339 | | 10100.00 | 72. | 4. | 8. | | 17.0 | 10.0 | 1.6 | |
| 27 | 07 | 76 | 1030 | | | .3 | | 12348 | | 9850.00 | 356. | 4. | 16. | | 22.0 | 10.0 | 0.8 | |
| 24 | 08 | 76 | 1300 | | | .3 | | 12357 | 6 | 3980.00 | 168. | 1. | 1. | | 22.0 | 10.0 | 1.2 | |

| | MAXIMUM | 14300.00 | 356. | 16. | 16. | 22.0 | 10.0 | 1.6 |
|--------------------|---------|----------|------|-----|------|------|------|-----|
| AVG OR GEOM MN (*) | 9137.14 | 54.* | 3.* | 3.* | 20.3 | 10.0 | 1.1 | |
| MINIMUM | 3980.00 | 12. | 1. | 1. | 17.0 | 10.0 | 0.8 | |

| NO OF SAMPLES | 7 | 6 | 6 | 6 | 3 | 3 | 7 |
|---------------|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 02 | 76 | 1315 | | | .3 | | 0.014 | 0.005 | 0.010 | 0.350 | 0.003 | 0.030 | | 1.0 | | |
| 08 | 03 | 76 | 1515 | | | .3 | | | | 0.010 | 0.290 | 0.002 | 0.020 | | 1. | | |
| 05 | 04 | 76 | 1630 | | | .3 | | 0.012 | 0.007 | 0.020 | 0.300 | 0.003 | 0.030 | | 5.0 | | |
| 04 | 05 | 76 | 1100 | | | .3 | | 0.016 | 0.003 | 0.020 | 0.200 | 0.004 | 0.010 | | 4.0 | | |
| 29 | 06 | 76 | 1115 | | | .3 | | 0.014 | 0.005 | 0.020 | 0.340 | 0.003 | 0.010L | | 3.0 | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 0.019 | 0.002 | 0.030 | 0.510 | 0.003 | 0.010L | | 5.0 | | |
| 24 | 08 | 76 | 1300 | | | .3 | | 0.024 | 0.004 | 0.020 | 0.400 | 0.002 | 0.010L | | 5.0 | | |

| | MAXIMUM | 0.024 | 0.007 | 0.030 | 0.510 | 0.004 | 0.030 | 5.0 |
|--------------------|---------|-------|-------|-------|-------|--------|--------|-----|
| AVG OR GEOM MN (*) | 0.017 | 0.004 | 0.019 | 0.341 | 0.003 | 0.017D | 0.017D | 3.4 |
| MINIMUM | 0.012 | 0.002 | 0.010 | 0.200 | 0.002 | 0.010 | 0.010 | 1.0 |

| NO OF SAMPLES | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
|---------------|---|---|---|---|---|---|---|
|---------------|---|---|---|---|---|---|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 02 | 76 | 1315 | | | .3 | | 52 | 0.75 | 1.0L | | | | | | | |
| 08 | 03 | 76 | 1515 | | | .3 | | 50 | 0.8 | | | | | | | | |
| 05 | 04 | 76 | 1630 | | | .3 | | 52 | 1.00 | 1.0L | | | | | | | |
| 04 | 05 | 76 | 1100 | | | .3 | | 51 | 1.70 | 1.0L | | | | | | | |
| 29 | 06 | 76 | 1115 | | | .3 | | 54 | 2.30 | 1.0L | | | | | | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 52 | 2.70 | 1.0 | | | | | | | |
| 24 | 08 | 76 | 1300 | | | .3 | | 52 | 2.60 | 1.0L | | | | | | | |

| | MAXIMUM | 54 | 2.70 | 1.0 | | | |
|--------------------|---------|------|------|-----|--|--|--|
| AVG OR GEOM MN (*) | 52 | 1.69 | 1.0D | | | | |
| MINIMUM | 50 | 0.75 | 1.0 | | | | |

| NO OF SAMPLES | 7 | 7 | 6 |
|---------------|---|---|---|
|---------------|---|---|---|

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 10 | 02 | 76 | 1315 | | | .3 | | 1.0 | | | | | | | | | |
| 08 | 03 | 76 | 1515 | | | .3 | | 4.0 | | | | | | | | | |
| 05 | 04 | 76 | 1630 | | | .3 | | 2.0 | | | | | | | | | |
| 04 | 05 | 76 | 1100 | | | .3 | | 2.0 | | | | | | | | | |
| 29 | 06 | 76 | 1115 | | | .3 | | 1.0 | | | | | | | | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 16.0 | | | | | | | | | |
| 24 | 08 | 76 | 1300 | | | .3 | | | | | | | | | | | |

| | MAXIMUM | 16.0 | | | | | |
|--------------------|---------|------|--|--|--|--|--|
| AVG OR GEOM MN (*) | 4.3 | | | | | | |
| MINIMUM | 1.0 | | | | | | |

| NO OF SAMPLES | 6 |
|---------------|---|
|---------------|---|

B.O.W./ SITE: WABIGOON RIVER
 SAMPLE POINT: UPSTREAM FROM REED LIMITED
 STATION TYPE: RIVER

STATION ID: 19-0001-005-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
 TERM STREAM: ENGLISH RIVER

STORET CODE: 05
 001
 1890

STN NO 5 LAT LONG U.T.M. 15 0511300.0 5514100.0 4 REGION 06 MILEAGE 165.30

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 10 | 02 | 76 | 1200 | | | .3 | | 12001 | 2 | 4 | 6 | | | | 0.0 | 16.0 | 1.2 |
| 09 | 03 | 76 | 1130 | | | .3 | | 12003 | 4 | 6 | | | | | 0.0 | | 0.4 |
| 20 | 04 | 76 | 1430 | | | .3 | | 12005 | 6 | | | | | | 4.0 | 14.0 | 1.4 |
| 11 | 05 | 76 | 1145 | | | .3 | | 12007 | 6 | | | | | | 11.0 | 13.0 | 0.6 |
| 21 | 06 | 76 | 1145 | | | .3 | | 12008 | 6 | 9 | | | | | | | 1.8 |
| 19 | 07 | 76 | 1130 | | | .3 | | 12011 | 6 | | | | | | 21.0 | 11.0 | 0.8 |
| 01 | 09 | 76 | 1300 | | | .3 | | 12013 | 6 | | | | | | 17.0 | | 1.6 |
| 27 | 09 | 76 | 1230 | | | .3 | | 12015 | 5 | | | | | | 11.0 | 14.0 | 1.0 |
| 25 | 10 | 76 | 1230 | | | .3 | | 12017 | 6 | 4 | | | | | 2.0 | 14.0 | 0.8 |
| 15 | 11 | 76 | 1400 | | | .3 | | 12019 | 6 | 4 | | | | | 0.0 | 13.0 | 0.5 |
| 06 | 12 | 76 | 1330 | | | .3 | | 12021 | 4 | 6 | | | | | 0.0 | 15.0 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

21.0 16.0 1.8
 6.6 13.8 1.0
 0.0 11.0 0.4

NO OF SAMPLES

10 8 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KUJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 10 | 02 | 76 | 1200 | | | .3 | | 0.054 | 0.038 | 0.060 | 0.600 | 0.007 | 0.010L | | 3.0 | | |
| 09 | 03 | 76 | 1130 | | | .3 | | 0.024 | 0.012 | 0.040 | 0.350 | 0.009 | 0.010L | | 2.0 | | |
| 20 | 04 | 76 | 1430 | | | .3 | | 0.030 | 0.010 | 0.030 | 0.370 | 0.005 | 0.010 | | 5.0 | | |
| 11 | 05 | 76 | 1145 | | | .3 | | 0.026 | 0.009 | 0.030 | 0.550 | 0.003 | 0.010 | | 5.0 | | |
| 21 | 06 | 76 | 1145 | | | .3 | | 0.027 | 0.024 | 0.050 | 0.320 | 0.007 | 0.010 | | 3.0 | | |
| 19 | 07 | 76 | 1130 | | | .3 | | 0.044 | 0.009 | 0.060 | 0.590 | 0.007 | 0.020 | | 5.0 | | |
| 01 | 09 | 76 | 1300 | | | .3 | | 0.072 | 0.013 | 0.070 | 0.300 | 0.008 | 0.010 | | | | |
| 27 | 09 | 76 | 1230 | | | .3 | | 0.034 | 0.011 | 0.060 | 0.360 | 0.006 | 0.010 | | 10.0 | | |
| 25 | 10 | 76 | 1230 | | | .3 | | 0.022 | 0.010 | 0.040 | 0.330 | 0.007 | 0.010 | | 5.0 | | |
| 15 | 11 | 76 | 1400 | | | .3 | | 0.026 | 0.013 | 0.070 | 0.380 | 0.010 | 0.020 | | 5.0 | | |
| 06 | 12 | 76 | 1330 | | | .3 | | 0.026 | 0.013 | 0.040 | 0.430 | 0.016 | 0.020 | | 10.0 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

10.0 5.3 2.0

NO OF SAMPLES

11 11 11 11 11 11

10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 10 | 02 | 76 | 1200 | | | .3 | | 155 | 11.00 | 2.0 | | | | | | | |
| 09 | 03 | 76 | 1130 | | | .3 | | 100 | 9.40 | 1.0 | | | | | | | |
| 20 | 04 | 76 | 1430 | | | .3 | | 85 | 13.00 | 1.0 | | | | | | | |
| 11 | 05 | 76 | 1145 | | | .3 | | 97 | 13.00 | 1.0L | | | | | | | |
| 21 | 06 | 76 | 1145 | | | .3 | | 111 | 15.00 | 1.0L | | | | | | | |
| 19 | 07 | 76 | 1130 | | | .3 | | 100 | 19.00 | 1.0L | | | | | | | |
| 01 | 09 | 76 | 1300 | | | .3 | | 100 | 14.00 | 1.0 | | | | | | | |
| 27 | 09 | 76 | 1230 | | | .3 | | 100 | 18.00 | 1.0L | | | | | | | |
| 25 | 10 | 76 | 1230 | | | .3 | | 100 | 13.00 | 1.0L | | | | | | | |
| 15 | 11 | 76 | 1400 | | | .3 | | 100 | 14.00 | 1.0L | | | | | | | |
| 06 | 12 | 76 | 1330 | | | .3 | | 105 | 18.00 | 1.0L | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

155 19.00 2.0
 105 14.31 1.10
 85 9.40 1.0

NO OF SAMPLES

11 11 11

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL Mn MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 20 | 04 | 76 | 1430 | | | .3 | | | | | | | | | | | |
| 21 | 06 | 76 | 1145 | | | .3 | | | 0.050L | | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.050
 0.0500
 0.050

NO OF SAMPLES

2

B.O.W. / SITE: WABIGOON RIVER

STATION ID: 19-0001-006-02

SAMPLE POINT: DOWNSTREAM OF REED LIMITED AT GOLF COURSE BRIDGE

STATION TYPE: RIVER FLOW GAUGE FED 05QD016

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER

MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER

TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

| STN NO | 6 | LAT | LONG | U.T.M. 15 0510550.0 5515000.0 4 | | | | | | | REGION 06 | | MILEAGE | 164.30 |
|---------------|------|-----|-------|---------------------------------|--------|-------|----------|----------|----------|----------|-----------|-------|---------|--------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 800 |
| | | | | | | | | MP/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 10 02 76 1300 | | | .3 | | 12000 | 6 9 | 235.00 | | | | | 5.0 | 13.0 | 35.0 |
| 09 03 76 1230 | | | .3 | | 12002 | 6 9 0 | 420.00 | | | | | 4.0 | | 28.0 |
| 20 04 76 1400 | | | .3 | | 12004 | 6 9 0 | 390.00 | | | | | 6.0 | 13.0 | 9.5 |
| 11 05 76 1300 | | | .3 | | 12006 | 6 9 0 | 420.00 | | | | | 11.5 | 11.5 | 14.0 |
| 21 06 76 1545 | | | .3 | | 12009 | 6 9 0 | 260.00 | | | | | | | 1.4 |
| 19 07 76 1400 | | | .3 | | 12010 | 6 9 | 315.00 | | | | | 21.0 | 9.0 | 1.1 |
| 01 09 76 1400 | | | .3 | | 12012 | 6 9 | 210.00 | | | | | 19.0 | | 2.8 |
| 27 09 76 1330 | | | .3 | | 12014 | 6 9 | 230.00 | | | | | 11.0 | 12.0 | 2.8 |
| 25 10 76 1430 | | | .3 | | 12016 | 6 9 0 | 120.00 | | | | | 2.0 | 8.0 | 50.0 |
| 15 11 76 1500 | | | .3 | | 12018 | 6 9 0 | 120.00 | | | | | 5.8 | 7.0 | 60.0 |
| 06 12 76 1430 | | | .3 | | 12020 | 6 9 0 | 50.00 | | | | | 5.0 | 8.0 | 70.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

420.00
251.82
50.00

21.0
9.0
2.0

13.0
10.2
7.0

70.0
25.0
1.1

NO OF SAMPLES

11

10

8

11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 10 02 76 1300 | | | .3 | | 0.110 | 0.031 | 0.070 | 1.100 | 0.020 | 0.010L | | 60.0 | | |
| 09 03 76 1230 | | | .3 | | 0.060 | 0.022 | 0.100 | 0.350 | 0.013 | 0.010L | | 20.0 | | |
| 20 04 76 1400 | | | .3 | | 0.072 | 0.012 | 0.040 | 0.580 | 0.006 | 0.010 | | 20.0 | | |
| 11 05 76 1300 | | | .3 | | 0.064 | 0.016 | 0.030 | 0.710 | 0.008 | 0.010 | | 15.0 | | |
| 21 06 76 1545 | | | .3 | | 0.028 | 0.016 | 0.060 | 0.350 | 0.010 | 0.020 | | 3.0 | | |
| 19 07 76 1400 | | | .3 | | 0.048 | 0.009 | 0.060 | 0.590 | 0.010 | 0.020 | | 5.0 | | |
| 01 09 76 1400 | | | .3 | | 0.044 | 0.013 | 0.040 | 0.040 | 0.007 | 0.010 | | | | |
| 27 09 76 1330 | | | .3 | | 0.046 | 0.018 | 0.080 | 0.380 | 0.010 | 0.020 | | 10.0 | | |
| 25 10 76 1430 | | | .3 | | 0.070 | | | 0.350 | | | | 55.0 | | |
| 15 11 76 1500 | | | .3 | | 0.140 | | | 1.200 | | | 380.0 | 35.0 | | |
| 06 12 76 1430 | | | .3 | | 0.180 | | | 1.000 | | | 530.0 | 55.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.180
0.078
0.028

0.031
0.017
0.009

0.100
0.058
0.030

1.200
0.605
0.040

0.020
0.011
0.006

0.020
0.014
0.010

530.0
455.0
380.0

60.0
27.8
3.0

NO OF SAMPLES

11

8

8

11

8

8

2

10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TQT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 10 02 76 1300 | | | .3 | | 285 | 26.00 | 56.0 | | | | | | | |
| 09 03 76 1230 | | | .3 | | 330 | 21.00 | 53.0 | | | | | | | |
| 20 04 76 1400 | | | .3 | | 117 | 20.00 | 3.0 | | | | | | | |
| 11 05 76 1300 | | | .3 | | 180 | 13.00 | 17.0 | | | | | | | |
| 21 06 76 1545 | | | .3 | | 104 | 15.00 | 1.0L | | | | | | | |
| 19 07 76 1400 | | | .3 | | 104 | 19.00 | 1.0L | | | | | | | |
| 01 09 76 1400 | | | .3 | | 119 | 14.00 | 2.0 | | | | | | | |
| 27 09 76 1330 | | | .3 | | 142 | 21.00 | 2.0 | | | | | | | |
| 25 10 76 1430 | | | .3 | | 225 | 23.00 | 8.0 | | | | | | | |
| 15 11 76 1500 | | | .3 | | 447 | 32.00 | 48.0 | | | | | | | |
| 06 12 76 1430 | | | .3 | | 470 | 37.00 | 75.0 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

470
229
104

37.00
21.91
13.00

75.0
24.20
1.0

NO OF SAMPLES

11

11

11

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----|-------|----|---------|---------|----------|----------|--------|-------|---------|-------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 20 04 76 1400 | | | .3 | | | 0.060 | | | | | | | | |
| 21 06 76 1545 | | | .3 | | | 0.050L | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.060
0.0550
0.050

NO OF SAMPLES

2

B.O.W./ SITE: ENGLISH RIVER
 SAMPLE POINT: AT MANITOU FALLS
 STATION TYPE: RIVER FLOW GAUGE FED 05QE007

STATION ID: 19-0001-007-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
 TERM STREAM: ENGLISH RIVER

STORET CODE: 05
 001
 1890

| STN NO | 7 | LAT | LONG | U.T.M. 15 0470220.0 5600360.0 4 | REGION 06 | MILEAGE | 121.00 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------|-----------|----------|----------|----------|----------|---------|--------|-----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 02 76 1200 | | | .3 | | 12100 | 6 | 14000.00 | 4. | 1. | 1. | | 0.0 | 12.0 | 1.0 |
| 09 03 76 1300 | | | .3 | | 12102 | 6 | 12000.00 | 8. | 1. | 1. | | 0.0 | 12.0 | |
| 24 11 76 1200 | | | .3 | | 12110 | | 11400.00 | 1. | 1. | 1. | | | | 1.4 |
| MAXIMUM | | | | | | | 14000.00 | 8. | 1. | 1. | | 0.00 | 12.0 | 1.4 |
| AVG OR GEOM MN (*) | | | | | | | 12466.67 | 3.* | 1.* | 1.* | | 0.0 | 12.0 | 1.2 |
| MINIMUM | | | | | | | 11400.00 | 1. | 1. | 1. | | 0.0 | 12.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 3 | 3 | 3 | | 2 | 2 | 2 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 02 76 1200 | | | .3 | | 0.053 | 0.020 | 0.030 | 0.430 | 0.004 | 0.010 | | 2.0 | | |
| 09 03 76 1300 | | | .3 | | | | | | | | | | | |
| 24 11 76 1200 | | | .3 | | 0.024 | 0.007 | 0.030 | 0.330 | 0.002 | 0.010 | | 5.0 | | |
| MAXIMUM | | | | | | | 0.053 | 0.020 | 0.030 | 0.004 | 0.010 | 5.0 | | |
| AVG OR GEOM MN (*) | | | | | | | 0.039 | 0.014 | 0.030 | 0.003 | 0.010 | 3.5 | | |
| MINIMUM | | | | | | | 0.024 | 0.007 | 0.030 | 0.002 | 0.010 | 2.0 | | |
| NO OF SAMPLES | | | | | | | 2 | 2 | 2 | 2 | | 2 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 24 02 76 1200 | | | .3 | | 80 | 3.20 | | 3.0 | | | | | | |
| 09 03 76 1300 | | | .3 | | | | | 3.0 | | | | | | |
| 24 11 76 1200 | | | .3 | | 85 | 6.60 | 1.0L | 6.0 | | 1.0 | 37 | 6.60 | | 0.400 |
| MAXIMUM | | | | | | | 85 | 6.60 | 1.0 | 6.0 | 1.0 | 37 | 6.60 | 0.400 |
| AVG OR GEOM MN (*) | | | | | | | 83 | 4.90 | 1.00 | 4.0 | 1.0 | 37 | 6.60 | 0.400 |
| MINIMUM | | | | | | | 80 | 3.20 | 1.0 | 3.0 | 1.0 | 37 | 6.60 | 0.400 |
| NO OF SAMPLES | | | | | | | 2 | 2 | 1 | 3 | 1 | 1 | 1 | 1 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | | | MG/L |
| 24 02 76 1200 | | | .3 | | 1.0 | | 12.00 | 3.00 | | 1.10 | 4.20 | | 30 | |
| 09 03 76 1300 | | | .3 | | 2.0 | | 11.00 | 3.00 | | 0.75 | 1.30 | | 20 | |
| 24 11 76 1200 | | | .3 | | 1.0 | 40.0 | 13.00 | 2.00 | 20 | 1.00 | 0.70 | | 15 | |
| MAXIMUM | | | | | | | 2.0 | 40.0 | 13.00 | 3.00 | 4.20 | | 30 | |
| AVG OR GEOM MN (*) | | | | | | | 1.3 | 40.0 | 12.00 | 2.67 | 2.07 | | 22 | |
| MINIMUM | | | | | | | 1.0 | 40.0 | 11.00 | 2.00 | 0.70 | | 15 | |
| NO OF SAMPLES | | | | | | | 3 | 1 | 3 | 3 | 3 | | 3 | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | | MTRS | | ARSENIC | MERCURY | ALUMINIUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 02 76 1200 | | | .3 | | | 0.032 | 0.160 | | | | | | 0.010L | |
| 09 03 76 1300 | | | .3 | | | 0.055 | | | 0.019 | 0.012L | | | 0.007 | 0.008L |
| 24 11 76 1200 | | | .3 | | 0.010L | 0.050L | 0.440 | | 0.020 | | 0.020 | | | 0.020L |
| MAXIMUM | | | | | | | 0.010 | 0.055 | 0.440 | 0.020 | 0.012 | 0.020 | 0.010 | 0.020 |
| AVG OR GEOM MN (*) | | | | | | | 0.0100 | 0.0460 | 0.300 | 0.020 | 0.0120 | 0.019 | 0.0090 | 0.0140 |
| MINIMUM | | | | | | | 0.010 | 0.032 | 0.160 | 0.019 | 0.012 | 0.018 | 0.007 | 0.008 |
| NO OF SAMPLES | | | | | | | 1 | 3 | 2 | 2 | 1 | 2 | 2 | 2 |

B.O.W./ SITE: TROUTLAKE RIVER
SAMPLE POINT: AT HIGHWAY NO 105
STATION TYPE: RIVER

STATION ID: 19-0001-008-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 8 LAT LONG U.T.M. 15 0470080.0 5630060.0 4 REGION 06 MILEAGE 145.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 02 | 76 | 1245 | | | .3 | | 12101 | 4 | | 1. | 1. | 1. | | 0.0 | 12.0 | 6.5 |
| 09 | 03 | 76 | 1400 | | | .3 | | 12103 | 4 | | 16. | 8. | 1. | | 0.0 | 13.0 | 1.2 |

| | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-----|-----|--|------|------|-----|--|
| | | | | | | | | 16. | 8. | 1. | | 0.00 | 13.0 | 6.5 | |
| MAXIMUM | | | | | | | | 4.* | 3.* | 1.* | | 0.0 | 12.5 | 3.9 | |
| AVG OR GEOM MN (*) | | | | | | | | 1. | 1. | 1. | | 0.0 | 12.0 | 1.2 | |
| MINIMUM | | | | | | | | | | | | | | | |

NO OF SAMPLES 2 2 2 2 2 2

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 02 | 76 | 1245 | | | .3 | | 0.034 | 0.010 | 0.120 | 1.600 | 0.004 | 0.010 | | | | |
| 09 | 03 | 76 | 1400 | | | .3 | | 0.009 | 0.002 | 0.020 | 0.350 | 0.002 | 0.030 | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|-------|-------|-------|-------|--|--|--|
| | | | | | | | | 0.034 | 0.010 | 0.120 | 1.600 | 0.004 | 0.030 | | | |
| MAXIMUM | | | | | | | | 0.022 | 0.006 | 0.070 | 0.975 | 0.003 | 0.020 | | | |
| AVG OR GEOM MN (*) | | | | | | | | 0.009 | 0.002 | 0.020 | 0.350 | 0.002 | 0.010 | | | |
| MINIMUM | | | | | | | | | | | | | | | | |

NO OF SAMPLES 2 2 2 2 2 2

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 02 | 76 | 1245 | | | .3 | | 102 | | 2.0 | | | | | | | |
| 09 | 03 | 76 | 1400 | | | .3 | | 95 | 2.60 | 1.0L | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|------|------|--|--|--|--|--|--|
| | | | | | | | | 102 | 2.70 | 2.0 | | | | | | |
| MAXIMUM | | | | | | | | 99 | 2.65 | 1.50 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 95 | 2.60 | 1.0 | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |

NO OF SAMPLES 2 2 2

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 24 | 02 | 76 | 1245 | | | .3 | | | | | | | | | | | |
| 09 | 03 | 76 | 1400 | | | .3 | | | 0.082 | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--------|--|--|--|--|--|--|--|
| | | | | | | | | | 0.082 | | | | | | | |
| MAXIMUM | | | | | | | | | 0.0660 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | 0.050 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |

NO OF SAMPLES 2

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER

STATION ID: 19-0001-009-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO 9 LAT LONG U.T.M. 15 0382950.0 5397300.0 4 REGION 06 MILEAGE 140.40

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 09 | 02 | 76 | 1250 | | | .3 | | 12308 | 4 | | 144. | 40. | 8. | | | | 1.6 |
| 08 | 03 | 76 | 1315 | | | .3 | | 12317 | 4 | | 184. | 40. | 48. | | | | 1.6 |
| 05 | 04 | 76 | 1315 | | | .3 | | 12327 | 6 | | 18600. | 204. | 28. | | | | 1.8 |
| 03 | 05 | 76 | 1400 | | | .3 | | 12337 | 6 | | 330. | 20. | 1. | | | | 0.8 |
| 28 | 06 | 76 | 1400 | | | .3 | | 12346 | | | 56. | 52. | 4. | | 19.0 | 8.0 | 2.0 |
| 26 | 07 | 76 | 1245 | | | .3 | | 12355 | | | 1400. | 12. | 1. | | 23.0 | 9.0 | 1.4 |
| 23 | 08 | 76 | 1515 | | | .3 | | 12364 | 8 | | 80. | 4. | 1. | | 23.0 | 9.0 | 1.6 |
| 15 | 11 | 76 | 1245 | | | .3 | | 12382 | | | 4. | 1. | 56. | | 1.0 | 12.0 | 1.2 |

| | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--------|------|-----|--|------|------|-----|--|
| | | | | | | | | 18600. | 204. | 56. | | 23.0 | 12.0 | 2.0 | |
| MAXIMUM | | | | | | | | 212.* | 19.* | 6.* | | 16.5 | 9.5 | 1.5 | |
| AVG OR GEOM MN (*) | | | | | | | | 4. | 1. | 1. | | 1.0 | 8.0 | 0.8 | |
| MINIMUM | | | | | | | | | | | | | | | |

NO OF SAMPLES 8 8 8 4 4 8

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 09 02 76 1250 | | | .3 | | 0.028 | 0.002 | 0.040 | 0.600 | 0.002 | 0.010 | | 3.0 | | |
| 08 03 76 1315 | | | .3 | | 0.014 | 0.002 | 0.030 | 0.550 | 0.003 | 0.010 | | 1. | | |
| 05 04 76 1315 | | | .3 | | 0.082 | 0.025 | 0.090 | 0.680 | 0.007 | 0.050 | | 30.0 | | |
| 03 05 76 1400 | | | .3 | | 0.080 | 0.010 | 0.030 | 0.750 | 0.005 | 0.010L | | 35.0 | | |
| 28 06 76 1400 | | | .3 | | 0.050 | 0.012 | 0.050 | 0.550 | 0.009 | 0.010 | | 75.0 | | |
| 26 07 76 1245 | | | .3 | | 0.071 | 0.010 | 0.020 | 0.680 | 0.005 | 0.010L | | 10.0 | | |
| 23 08 76 1515 | | | .3 | | 0.240 | 0.020 | 0.040 | 1.000 | 0.004 | 0.010L | | 130.0 | | |
| 15 11 76 1245 | | | .3 | | 0.032 | 0.010 | 0.030 | 0.500 | 0.005 | 0.010 | | 5.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|--|-------|
| MAXIMUM | 0.240 | 0.025 | 0.090 | 1.000 | 0.009 | 0.050 | | 130.0 |
| AVG OR GEOM MN (*) | 0.075 | 0.011 | 0.041 | 0.664 | 0.005 | 0.015D | | 36.1 |
| MINIMUM | 0.014 | 0.002 | 0.020 | 0.500 | 0.002 | 0.010 | | 1. |

NO OF SAMPLES

8

8

8

8

8

8

8

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 09 02 76 1250 | | | .3 | | 76 | 2.40 | 2.0 | | | | | | | |
| 08 03 76 1315 | | | .3 | | 76 | 1.8 | 2. | | | | | | | |
| 05 04 76 1315 | | | .3 | | 122 | 12.00 | 3.0 | | | | | | | |
| 03 05 76 1400 | | | .3 | | 82 | 11.00 | 2.0 | | | | | | | |
| 28 06 76 1400 | | | .3 | | 114 | 21.00 | 2.0 | | | | | | | |
| 26 07 76 1245 | | | .3 | | 79 | 4.60 | 3.0 | | | | | | | |
| 23 08 76 1515 | | | .3 | | 94 | 40.00 | 5.0 | | | | | | | |
| 15 11 76 1245 | | | .3 | | 113 | 5.50 | 6.0 | | | | | | | |

| | | | |
|--------------------|-----|-------|-----|
| MAXIMUM | 122 | 40.00 | 6.0 |
| AVG OR GEOM MN (*) | 95 | 12.29 | 3.1 |
| MINIMUM | 76 | 1.8 | 2.0 |

NO OF SAMPLES

8

8

8

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | MG/L | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | | MG/L | MG/L | | MG/L |
| 09 02 76 1250 | | | .3 | | 8.0 | | | | | | | | | |
| 08 03 76 1315 | | | .3 | | 4. | | | | | | | | | |
| 05 04 76 1315 | | | .3 | | 12.0 | | | | | | | | | |
| 03 05 76 1400 | | | .3 | | 4.0 | | | | | | | | | |
| 28 06 76 1400 | | | .3 | | 3.0 | | | | | | | | | |
| 26 07 76 1245 | | | .3 | | 33.0 | | | | | | | | | |
| 23 08 76 1515 | | | .3 | | | | | | | | | | | |
| 15 11 76 1245 | | | .3 | | 12.0 | | | | | | | | | |

| | |
|--------------------|------|
| MAXIMUM | 33.0 |
| AVG OR GEOM MN (*) | 10.9 |
| MINIMUM | 3.0 |

NO OF SAMPLES

7

B.O.W./ SITE: RAINY RIVER

SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER

STATION TYPE: RIVER

STATION ID: 19-0001-010-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER

MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05

001

STN NO 10 LAT LONG U.T.M. 15 0385600.0 5396050.0 4 REGION 06 MILEAGE 142.00

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | |
| 09 02 76 1230 | | | .3 | | 12307 | 4 | | 72. | 1. | 1. | | | | 3.8 |
| 08 03 76 1330 | | | .3 | | 12316 | 4 | | 8. | 1. | 1. | | | | 4.4 |
| 03 05 76 1440 | | | .3 | | 12336 | 6 | | 92. | 1. | 1. | | | | 2.8 |
| 28 06 76 1445 | | | .3 | | 12345 | | | 1100. | 40. | 4. | | 19.0 | 9.0 | 2.0 |
| 26 07 76 1315 | | | .3 | | 12354 | | | 30. | 1. | 1. | | 22.0 | 9.0 | 1.0 |
| 23 08 76 1545 | | | .3 | | 12363 | 8 | | 40. | 1. | 1. | | 23.0 | 9.0 | 1.0 |

| | | | | | | | | | | |
|--------------------|--|--|--|-------|-----|-----|--|------|-----|-----|
| MAXIMUM | | | | 1100. | 40. | 4. | | 23.0 | 9.0 | 4.4 |
| AVG OR GEOM MN (*) | | | | 64.* | 2.* | 1.* | | 21.3 | 9.0 | 2.5 |
| MINIMUM | | | | 8. | 1. | 1. | | 19.0 | 9.0 | 1.0 |

NO OF SAMPLES

6

6

6

3

3

6

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 09 02 76 1230 | | | .3 | | 0.030 | 0.002 | 0.010 | 0.430 | 0.002 | 0.010 | | 10.0 | | |
| 08 03 76 1330 | | | .3 | | 0.084 | 0.004 | 0.040 | 1.900 | 0.004 | 0.010 | | 5. | | |
| 03 05 76 1440 | | | .3 | | 0.036 | 0.007 | 0.030 | 0.790 | 0.005 | 0.010L | | 15.0 | | |
| 28 06 76 1445 | | | .3 | | 0.050 | 0.015 | 0.060 | 0.600 | 0.008 | 0.010 | | 10.0 | | |
| 26 07 76 1315 | | | .3 | | 0.039 | 0.013 | 0.020 | 0.520 | 0.005 | 0.010L | | 1.0 | | |
| 23 08 76 1545 | | | .3 | | 0.066 | 0.022 | 0.020 | 0.540 | 0.004 | 0.010L | | 1.0 | | |

| | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|--|------|
| MAXIMUM | 0.084 | 0.022 | 0.060 | 1.900 | 0.008 | 0.010 | | 15.0 |
| AVG OR GEOM MN (*) | 0.051 | 0.011 | 0.030 | 0.797 | 0.005 | 0.010D | | 7.0 |
| MINIMUM | 0.030 | 0.002 | 0.010 | 0.430 | 0.002 | 0.010 | | 1.0 |

NO OF SAMPLES

6

6

6

6

6

6

6

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 | 02 | 76 | 1230 | | | .3 | | 88 | 4.40 | 5.0 | | | | | | | |
| 08 | 03 | 76 | 1330 | | | .3 | | 86 | 2.8 | 4. | | | | | | | |
| 03 | 05 | 76 | 1440 | | | .3 | | 110 | 7.70 | 2.0 | | | | | | | |
| 28 | 06 | 76 | 1445 | | | .3 | | 107 | 6.10 | 2.0 | | | | | | | |
| 26 | 07 | 76 | 1315 | | | .3 | | 77 | 5.80 | 6.0 | | | | | | | |
| 23 | 08 | 76 | 1545 | | | .3 | | 88 | 2.70 | 5.0 | | | | | | | |

MAXIMUM 110 7.70 6.0
AVG OR GEOM MN (*) 93 4.92 4.0
MINIMUM 77 2.70 2.0

NO OF SAMPLES 6 6 6

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 09 | 02 | 76 | 1230 | | | .3 | | 4.0 | | | | | | | | | |
| 08 | 03 | 76 | 1330 | | | .3 | | 4. | | | | | | | | | |
| 03 | 05 | 76 | 1440 | | | .3 | | 5.0 | | | | | | | | | |
| 28 | 06 | 76 | 1445 | | | .3 | | 1.0 | | | | | | | | | |
| 26 | 07 | 76 | 1315 | | | .3 | | 19.0 | | | | | | | | | |
| 23 | 08 | 76 | 1545 | | | .3 | | | | | | | | | | | |

MAXIMUM 19.0
AVG OR GEOM MN (*) 6.6
MINIMUM 1.0

NO OF SAMPLES 5

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: ABOVE EMO
STATION TYPE: RIVER

STATION ID: 19-0001-011-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO 11 LAT LONG U.T.M. 15 0439950.0 5382400.0 4 REGION 06 MILEAGE 182.40

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 09 | 02 | 76 | 1500 | | | .3 | | 12305 | 4 | | 252. | 52. | 1. | | | | 1.4 |
| 08 | 03 | 76 | 1500 | | | .3 | | 12314 | 4 | | 184. | 28. | 1. | | | | 2.6 |
| 05 | 04 | 76 | 1535 | | | .3 | | 12324 | 6 8 | | 1200. | 168. | 28. | | | | 2.2 |
| 03 | 05 | 76 | 1550 | | | .3 | | 12334 | 6 | | 1400. | 68. | 1. | | | | 1.2 |
| 28 | 06 | 76 | 1600 | | | .3 | | 12343 | | | 420. | 56. | 12. | | 19.0 | 8.0 | 1.8 |
| 26 | 07 | 76 | 1545 | | | .3 | | 12352 | | | 480. | 110. | 100. | | 22.0 | 9.0 | 0.6 |
| 24 | 08 | 76 | 1015 | | | .3 | | 12361 | 8 | | 12. | 1. | 1. | | 23.0 | 8.0 | 1.2 |

MAXIMUM 1400. 168. 100. 23.0 9.0 2.6
AVG OR GEOM MN (*) 294.* 37.* 4.* 21.3 8.3 1.6
MINIMUM 12. 1. 1. 19.0 8.0 0.6

NO OF SAMPLES 7 7 7 3 3 7

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 09 | 02 | 76 | 1500 | | | .3 | | 0.025 | 0.004 | 0.050 | 0.780 | 0.005 | 0.020 | | 2.0 | | |
| 08 | 03 | 76 | 1500 | | | .3 | | 0.180 | 0.060 | 0.020 | 1.400 | 0.004 | 0.030 | | 50. | | |
| 05 | 04 | 76 | 1535 | | | .3 | | 0.090 | 0.032 | 0.050 | 0.680 | 0.011 | 0.090 | | 50.0 | | |
| 03 | 05 | 76 | 1550 | | | .3 | | 0.030 | 0.006 | 0.020 | 1.100 | 0.005 | 0.010L | | 10.0 | | |
| 28 | 06 | 76 | 1600 | | | .3 | | 0.090 | 0.029 | 0.070 | 0.850 | 0.012 | 0.010 | | 45.0 | | |
| 26 | 07 | 76 | 1545 | | | .3 | | 0.140 | 0.019 | 0.040 | 1.000 | 0.009 | 0.010 | | 65.0 | | |
| 24 | 08 | 76 | 1015 | | | .3 | | 0.058 | 0.026 | 0.030 | 0.420 | 0.004 | 0.010L | | 5.0 | | |

MAXIMUM 0.180 0.060 0.070 1.400 0.012 0.090 65.0
AVG OR GEOM MN (*) 0.088 0.025 0.040 0.890 0.007 0.026D 32.4
MINIMUM 0.025 0.004 0.020 0.420 0.004 0.010 2.0

NO OF SAMPLES 7 7 7 7 7 7

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|-------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 09 | 02 | 76 | 1500 | | | .3 | | 63 | 1.60 | 2.0 | | | | | | | |
| 08 | 03 | 76 | 1500 | | | .3 | | 74 | 5.2 | 2. | | | | | | | |
| 05 | 04 | 76 | 1535 | | | .3 | | 108 | 25.00 | 2.0 | | | | | | | |
| 03 | 05 | 76 | 1550 | | | .3 | | 68 | 5.00 | 2.0 | | | | | | | |
| 28 | 06 | 76 | 1600 | | | .3 | | 132 | 25.00 | 2.0 | | | | | | | |
| 26 | 07 | 76 | 1545 | | | .3 | | 106 | 38.00 | 3.0 | | | | | | | |
| 24 | 08 | 76 | 1015 | | | .3 | | 86 | 3.60 | 6.0 | | | | | | | |

MAXIMUM 132 38.00 6.0
AVG OR GEOM MN (*) 91 14.77 2.7
MINIMUM 63 1.60 2.0

NO OF SAMPLES 7 7 7

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 09 02 76 1500 | | | .3 | | 3.0 | | | | | | | | | |
| 08 03 76 1500 | | | .3 | | 2. | | | | | | | | | |
| 05 04 76 1535 | | | .3 | | 5.0 | | | | | | | | | |
| 03 05 76 1550 | | | .3 | | 5.0 | | | | | | | | | |
| 28 06 76 1600 | | | .3 | | 4.0 | | | | | | | | | |
| 26 07 76 1545 | | | .3 | | 18.0 | | | | | | | | | |
| 24 08 76 1015 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 18.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 6.2 | | | | | | | | | |
| MINIMUM | | | | | 2. | | | | | | | | | |
| NO OF SAMPLES | | | | | 6 | | | | | | | | | |

B.O.W. / SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
STATION TYPE: RIVER

STATION ID: 19-0001-012-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

| STN NO | 12 | LAT | LONG | U.T.M. 15 0464340.0 5376700.0 4 | | | | | | REGION 06 | | MILEAGE 204.00 | | |
|--------------------|------|-----|-------|---------------------------------|--------|-----|----------|----------|----------|-----------|----------|----------------|-------|-------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | 90D |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 09 02 76 1545 | | | .3 | | 12302 | 4 | | 112. | 1. | 1. | | | | 1.2 |
| 05 04 76 1600 | | | .3 | | 12320 | 8 6 | | 3000. | 10. L | 1. | | | | 1.0 |
| 29 06 76 1015 | | | .3 | | 12340 | | | 1400. | 44. | 8. | | 18.0 | 9.0 | 2.0 |
| 27 07 76 0930 | | | .3 | | 12349 | 9 | | 72000. | 48. | 8. | | 22.0 | 8.0 | 0.8 |
| MAXIMUM | | | | | | | | 72000. | 48. | 8. | | 22.0 | 9.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 2411.* | 12.* D | 3.* | | 20.0 | 8.5 | 1.3 |
| MINIMUM | | | | | | | | 112. | 1. | 1. | | 18.0 | 8.0 | 0.8 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | 2 | 2 | 4 |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 09 02 76 1545 | | | .3 | | 0.042 | 0.003 | 0.050 | 1.100 | 0.005 | 0.060 | | 10.0 | | |
| 05 04 76 1600 | | | .3 | | 0.075 | 0.014 | 0.050 | 0.520 | 0.004 | 0.030 | | 30.0 | | |
| 29 06 76 1015 | | | .3 | | 0.038 | 0.009 | 0.020 | 0.470 | 0.003 | 0.010L | | 5.0 | | |
| 27 07 76 0930 | | | .3 | | 0.039 | 0.005 | 0.030 | 0.680 | 0.004 | 0.010L | | 1.0 | | |
| MAXIMUM | | | | | 0.075 | 0.014 | 0.050 | 1.100 | 0.005 | 0.060 | | 30.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.049 | 0.008 | 0.038 | 0.693 | 0.004 | 0.028D | | 11.5 | | |
| MINIMUM | | | | | 0.038 | 0.003 | 0.020 | 0.470 | 0.003 | 0.010 | | 1.0 | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | 4 | 4 | 4 | | 4 | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|--------------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 09 02 76 1545 | | | .3 | | 58 | 3.70 | 1.0 | | | | | | | |
| 05 04 76 1600 | | | .3 | | 75 | 7.40 | 2.0 | | | | | | | |
| 29 06 76 1015 | | | .3 | | 70 | 4.50 | 3.0 | | | | | | | |
| 27 07 76 0930 | | | .3 | | 67 | 4.30 | 3.0 | | | | | | | |
| MAXIMUM | | | | | 75 | 7.40 | 3.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 68 | 4.98 | 2.3 | | | | | | | |
| MINIMUM | | | | | 58 | 3.70 | 1.0 | | | | | | | |
| NO OF SAMPLES | | | | | 4 | 4 | 4 | | | | | | | |

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|--------------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|-----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 09 02 76 1545 | | | .3 | | 3.0 | | | | | | | | | |
| 05 04 76 1600 | | | .3 | | 6.0 | | | | | | | | | |
| 29 06 76 1015 | | | .3 | | 13.0 | | | | | | | | | |
| 27 07 76 0930 | | | .3 | | 29.0 | | | | | | | | | |
| MAXIMUM | | | | | 29.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 12.8 | | | | | | | | | |
| MINIMUM | | | | | 3.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 4 | | | | | | | | | |

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, CENTRE
STATION TYPE: RIVER

STATION ID: 19-0001-013-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

| STN NO | 13 | LAT | LONG | U.T.M. 15 0464350.0 5376600.0 4 | REGION 06 | MILEAGE | 204.00 | | | | | | | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 29 06 76 1005 | | | .3 | | 12341 | | | 1400. | 12. | 1. | | 18.0 | 9.0 | 2.0 |
| 27 07 76 0935 | | | .3 | | 12350 | 9 | | 83000E+1 | 356. | 4. | | 22.0 | 8.0 | 0.6 |
| MAXIMUM | | | | | | | | 83000E+1 | 356. | 4. | | 22.0 | 9.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 34081.* | 65.* | 2.* | | 20.0 | 8.5 | 1.3 |
| MINIMUM | | | | | | | | 1400. | 12. | 1. | | 18.0 | 8.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | 2 | 2 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 29 06 76 1005 | | | .3 | | 0.030 | 0.007 | 0.020 | 0.400 | 0.003 | 0.010L | | 5.0 | | |
| 27 07 76 0935 | | | .3 | | 0.043 | 0.009 | 0.010 | 0.460 | 0.003 | 0.010L | | 3.0 | | |
| MAXIMUM | | | | | 0.043 | 0.009 | 0.020 | 0.460 | 0.003 | 0.010 | | 5.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.037 | 0.008 | 0.015 | 0.430 | 0.003 | 0.0100 | | 4.0 | | |
| MINIMUM | | | | | 0.030 | 0.007 | 0.010 | 0.400 | 0.003 | 0.010 | | 3.0 | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 29 06 76 1005 | | | .3 | | 66 | 4.40 | 2.0 | | | | | | | |
| 27 07 76 0935 | | | .3 | | 64 | 4.40 | 3.0 | | | | | | | |
| MAXIMUM | | | | | 66 | 4.40 | 3.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 65 | 4.40 | 2.5 | | | | | | | |
| MINIMUM | | | | | 64 | 4.40 | 2.0 | | | | | | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | | | | | | | |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 29 06 76 1005 | | | .3 | | 8.0 | | | | | | | | | |
| 27 07 76 0935 | | | .3 | | 11.0 | | | | | | | | | |
| MAXIMUM | | | | | 11.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 9.5 | | | | | | | | | |
| MINIMUM | | | | | 8.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 2 | | | | | | | | | |

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, SOUTH
STATION TYPE: RIVER

STATION ID: 19-0001-014-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

| STN NO | 14 | LAT | LONG | U.T.M. 15 0464350.0 5376475.0 4 | | | | | | | REGION 06 | MILEAGE | 204.00 | |
|-------------------------------|---------------------|--------------------|-----------------------|---------------------------------|--------------------------|--------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------------------|
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 29 06 76 1000 | | | .3 | | 12342 | | | 3900. | 84. | 1. | | 18.0 | 9.0 | 2.2 |
| 27 07 76 0940 | | | .3 | | 12351 | 9 | | 10000E+2 | 372. | 24. | | 22.0 | 8.0 | 1.2 |
| MAXIMUM | | | | | | | | 10000E+2 | 372. | 24. | | 22.0 | 9.0 | 2.2 |
| AVG OR GEOM MN (*) | | | | | | | | 62474.* | 177.* | 5.* | | 20.0 | 8.5 | 1.7 |
| MINIMUM | | | | | | | | 3900. | 84. | 1. | | 18.0 | 8.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | 2 | 2 | 2 | | 2 | 2 | 2 |
| SAMP DTE HOUR DY MO YR LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 29 06 76 1000 | | | .3 | | 0.042 | 0.021 | 0.040 | 0.450 | 0.004 | 0.010L | | 20.0 | | |
| 27 07 76 0940 | | | .3 | | 0.057 | 0.012 | 0.010 | 0.600 | 0.002 | 0.010L | | 3.0 | | |
| MAXIMUM | | | | | 0.057 | 0.021 | 0.040 | 0.600 | 0.004 | 0.010 | | 20.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.050 | 0.017 | 0.025 | 0.525 | 0.003 | 0.0100 | | 11.5 | | |
| MINIMUM | | | | | 0.042 | 0.012 | 0.010 | 0.450 | 0.002 | 0.010 | | 3.0 | | |
| NO OF SAMPLES | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | 2 | | |

[illegible]

STORET CODE: 05
001
1890

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D- SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|---|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|
| 01 | 06 | 76 | 1200 | | | .3 | | 0.026 | 0.012 | 0.030 | 0.410 | 0.007 | 0.010L | | 3.0 | | |
| 16 | 06 | 76 | 1200 | | | .3 | | | | 0.400 | 1.700 | 0.180 | 3.300 | 1080.0 | 45.0 | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 0.031 | 0.018 | 0.040 | 0.520 | 0.005 | 0.030 | | 3.0 | | |
| | | | | | | MAXIMUM | | 0.031 | 0.018 | 0.400 | 1.700 | 0.180 | 3.300 | 1080.0 | 45.0 | | |
| | | | | | | AVG OR GEOM MN (-) | | 0.029 | 0.015 | 0.157 | 0.877 | 0.064 | 1.113p | 1080.0 | 17.0 | | |
| | | | | | | MINIMUM | | 0.026 | 0.012 | 0.030 | 0.410 | 0.005 | 0.030 | 1080.0 | 3.0 | | |
| | | | | | | NO OF SAMPLES | | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | | |

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS | 76 CALCUL HARDNESS | 72 TOTAL CALCIUM | 74 TOT. MAG NESIUM | 68 COLOUR HAZEN | 67 PTSSIUM K | 66 SODIUM NA | 47 ORGANIC C AS C | 41 COD | 361 SOLVENT EXTRBLES |
|--------------------|-----------|------------|------|-------------|------------|---------------|----|---------------|--------------------------|------------------------|--------------------------|-----------------------|--------------------|--------------------|-------------------------|-----------|----------------------------|
| | | | | FEET | | MTRS | | UG/L | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 01 | 06 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 16 | 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 4.0 | | | | | | | | | |
| MAXIMUM | | | | | | | | 4.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 2.50 | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 2 | | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 01 | 06 | 76 | 1200 | | | .3 | | 0.020 | 0.050L | | | 0.004L | 0.012L | | | 0.008 | |
| 17 | 08 | 76 | 1200 | | | .3 | | 0.060 | 0.060 | | | 0.013 | 0.012L | | | | |
| | | | | | | | | MAXIMUM | 0.060 | 0.060 | | 0.013 | 0.012 | | | 0.008 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.040 | 0.0550 | | 0.0090 | 0.0120 | | | 0.008 | |
| | | | | | | | | MINIMUM | 0.020 | 0.050 | | 0.004 | 0.012 | | | 0.008 | |
| | | | | | | | | NO OF SAMPLES | 2 | 2 | | 2 | 2 | | | 1 | |

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER

STATION ID: 19-0001-016-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

| STN NO | 16 | LAT | LONG | U.T.M. 15 0448800.0 5656300.0 4 | | | | | | | | | | REGION 06 | MILEAGE | 176.20 | |
|--------------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 11 | 03 | 76 | 1200 | | | .3 | | 12703 | 4 | | 4. | 1. | 1. | | 0.0 | 12.0 | 2.0 |
| 26 | 04 | 76 | 1200 | | | .3 | | 12710 | | | 12. | 1. | 1. | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 12729 | | | | | | | | | 2.6 |
| 23 | 11 | 76 | 1200 | | | .3 | | 12736 | | | | | | | | | 1.6 |
| | | | | | | | | | | | 12. | 1. | 1. | | 0.00 | 12.0 | 2.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 7.* | 1.* | 1.* | | 0.0 | 12.0 | 2.1 |
| | | | | | | | | | | | 4. | 1. | 1. | | 0.0 | 12.0 | 1.6 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 2 | 2 | | 1 | 1 | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 11 | 03 | 76 | 1200 | | | .3 | | 0.180 | 0.130 | 0.800 | 1.800 | 0.026 | 0.080 | | 80.0 | | |
| 26 | 04 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 0.150 | | 0.220 | 0.830 | 0.024 | 0.900 | 360.0 | 10.0 | | |
| 23 | 11 | 76 | 1200 | | | .3 | | 0.160 | 0.150 | 0.780 | 2.000 | 0.043 | 1.600 | 430.0 | 15.0 | | |
| | | | | | | | | MAXIMUM | 0.180 | 0.150 | 0.800 | 2.000 | 0.043 | 1.600 | 430.0 | 80.0 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.163 | 0.140 | 0.600 | 1.543 | 0.031 | 0.860 | 395.0 | 35.0 | |
| | | | | | | | | MINIMUM | 0.150 | 0.130 | 0.220 | 0.830 | 0.024 | 0.080 | 360.0 | 10.0 | |
| | | | | | | | | NO OF SAMPLES | 3 | 2 | 3 | 3 | 3 | 2 | 3 | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 11 | 03 | 76 | 1200 | | | .3 | | 560 | 30.00 | 72. | | | | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 478 | 7.50 | 34.0 | | | | | | | |
| 23 | 11 | 76 | 1200 | | | .3 | | 630 | 12.00 | 59.0 | 44.0 | | | | | | |
| | | | | | | | | MAXIMUM | 630 | 30.00 | 72. | 44.0 | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 556 | 16.50 | 55.0 | 44.0 | | | | | |
| | | | | | | | | MINIMUM | 478 | 7.50 | 34.0 | 44.0 | | | | | |
| | | | | | | | | NO OF SAMPLES | 3 | 3 | 3 | 1 | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|-----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 11 | 03 | 76 | 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 17 | 08 | 76 | 1200 | | | .3 | | 4.0 | | | | | | | | | |
| 23 | 11 | 76 | 1200 | | | .3 | | 1.0 | | | | | | | | | |
| | | | | | | | | MAXIMUM | 4.0 | | | | | | | | |
| | | | | | | | | AVG OR GEOM MN (*) | 2.00 | | | | | | | | |
| | | | | | | | | MINIMUM | 1.0 | | | | | | | | |
| | | | | | | | | NO OF SAMPLES | 3 | | | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|------|---------------------|--------------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 11 | 03 | 76 | 1200 | | | .3 | | 0.053 | 0.082 | | | 0.540 | 0.019 | | | 0.280 | |
| 17 | 08 | 76 | 1200 | | | .3 | | 0.550 | 0.050L | | | 0.260 | 0.012L | | | | |
| 23 | 11 | 76 | 1200 | | | .3 | | 0.110 | 0.050L | | | 0.003 | 0.012L | | | 0.011 | |
| | | | | | | | | MAXIMUM | 0.550 | 0.082 | | 0.540 | 0.019 | | | 0.280 | |
| | | | | | | | | AVG OR GEOM MN (*) | 0.238 | 0.0610 | | 0.268 | 0.0140 | | | 0.146 | |
| | | | | | | | | MINIMUM | 0.053 | 0.050 | | 0.003 | 0.012 | | | 0.011 | |
| | | | | | | | | NO OF SAMPLES | 3 | 3 | | 3 | 3 | | | 2 | |

B.O.W. / SITE: SNIB LAKE CREEK
 SAMPLE POINT: AT SNIB LAKE OUTLET
 STATION TYPE: RIVER

STATION ID: 19-0001-017-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
 TERM STREAM: ENGLISH RIVER

STORET CODE: 05
 001
 1890

| STN NO | 17 | LAT | LONG | U.T.M. 15 0439800.0 5650350.0 4 | REGION 06 | MILEAGE | 185.80 | | | | | | |
|--------------------|------|-----------|------|---------------------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 10 03 76 1400 | | .3 | | 12701 | 4 | | | | | | 0.0 | 14.0 | 0.2 |
| 26 04 76 1200 | | .3 | | 12708 | | | 1. | 1. | 1. | | | | 1.4 |
| 01 06 76 1200 | | .3 | | 12716 | | | | | | | | | 1.4 |
| 16 06 76 1200 | | .3 | | 12720 | | | | 1. | 1. | | | | |
| 17 08 76 1200 | | .3 | | 12728 | | | | | | | | | 1.8 |
| 23 11 76 1200 | | .3 | | 12734 | | | | | | | | | 2.8 |
| MAXIMUM | | | | | | | 1. | 1. | 1. | | 0.00 | 14.0 | 2.8 |
| AVG OR GEOM MN (*) | | | | | | | 1.* | 1.* | 1.* | | 0.0 | 14.0 | 1.5 |
| MINIMUM | | | | | | | 1. | 1. | 1. | | 0.0 | 14.0 | 0.2 |
| NO OF SAMPLES | | | | | | | 1 | 2 | 2 | | 1 | 1 | 5 |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 10 03 76 1400 | | .3 | | 0.022 | 0.020 | 0.300 | 0.870 | 0.014 | 0.070 | | | | |
| 26 04 76 1200 | | .3 | | 0.039 | 0.027 | 0.280 | 0.960 | 0.010 | 0.090 | | | | |
| 01 06 76 1200 | | .3 | | 0.022 | 0.023 | 0.280 | 1.100 | 0.033 | 0.460 | | | | |
| 16 06 76 1200 | | .3 | | | | | | | | | | | |
| 17 08 76 1200 | | .3 | | 0.040 | 0.043 | 0.020 | 0.940 | 0.018 | 0.210 | | | | |
| 23 11 76 1200 | | .3 | | 0.040 | 0.035 | 0.030 | 0.520 | 0.010 | 0.160 | | | | |
| MAXIMUM | | | | 0.040 | 0.043 | 0.300 | 1.100 | 0.033 | 0.460 | | | | |
| AVG OR GEOM MN (*) | | | | 0.033 | 0.030 | 0.182 | 0.878 | 0.017 | 0.198 | | | | |
| MINIMUM | | | | 0.022 | 0.020 | 0.020 | 0.520 | 0.010 | 0.070 | | | | |
| NO OF SAMPLES | | | | 5 | 5 | 5 | 5 | 5 | 5 | | | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 10 03 76 1400 | | .3 | | 220 | 1.60 | 28.0 | | | | | | | |
| 26 04 76 1200 | | .3 | | 250 | 1.80 | 39.0 | | | | | | | |
| 01 06 76 1200 | | .3 | | 290 | 1.90 | 42.0 | 36.0 | | | | | | |
| 17 08 76 1200 | | .3 | | 308 | 1.20 | 46.0 | | | | | | | |
| 23 11 76 1200 | | .3 | | 345 | 0.80 | 52.0 | 100.0 | | | | | | |
| MAXIMUM | | | | 345 | 1.90 | 52.0 | 100.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | 283 | 1.46 | 41.4 | 68.0 | | | | | | |
| MINIMUM | | | | 220 | 0.80 | 28.0 | 36.0 | | | | | | |
| NO OF SAMPLES | | | | 5 | 5 | 5 | 2 | | | | | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRBLES MG/L |
| 10 03 76 1400 | | .3 | | 1.0 | | | | | | | | | |
| 26 04 76 1200 | | .3 | | 5.0 | | | | | | | | | |
| 01 06 76 1200 | | .3 | | 13.0 | | | | | | | | | |
| 17 08 76 1200 | | .3 | | 3.0 | | | | | | | | | |
| 23 11 76 1200 | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | 13.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | 4.6 | | | | | | | | | |
| MINIMUM | | | | 1.0 | | | | | | | | | |
| SAMP DTE HOUR | STN | STN SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 10 03 76 1400 | | .3 | | 0.006 | 0.050L | | | 0.052 | 0.012L | | | 0.082 | |
| 26 04 76 1200 | | .3 | | 0.080 | 0.050L | | | 0.130 | 0.012L | | | 0.062 | |
| 01 06 76 1200 | | .3 | | | 0.050L | | | 0.096 | 0.012L | | | 0.066 | |
| 17 08 76 1200 | | .3 | | 0.110 | 0.050L | | | 0.070 | 0.012L | | | | |
| 23 11 76 1200 | | .3 | | 0.620 | 0.050L | | | 0.350 | 0.012L | | | 0.230 | |
| MAXIMUM | | | | 0.620 | 0.050 | | | 0.350 | 0.012 | | | 0.230 | |
| AVG OR GEOM MN (*) | | | | 0.204 | 0.0500 | | | 0.140 | 0.0120 | | | 0.110 | |
| MINIMUM | | | | 0.006 | 0.050 | | | 0.052 | 0.012 | | | 0.062 | |
| NO OF SAMPLES | | | | 4 | 5 | | | 5 | 5 | | | 4 | |

B.O.W. / SITE: RED LAKE
SAMPLE POINT: IN BRUCE CHANNEL AT FERRY CROSSING
STATION TYPE: RIVER

STATION ID: 19-0001-018-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

| STN NO | 18 | LAT | LONG | U.T.M. 15 0442500.0 5658075.0 4 | REGION 06 | MILEAGE | 179.60 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 11 03 | 76 | 1100 | | | .3 | | 12702 | 4 | | 1. | 1. | 4. | | 0.0 | 13.5 | 0.8 |
| 01 06 | 76 | 1200 | | | .3 | | 12713 | | | 4. | 1. | 1. | | | | |
| 16 06 | 76 | 1200 | | | .3 | | 12718 | | | 600. G | 4. | 1. | | | | 0.8 |
| 17 08 | 76 | 1200 | | | .3 | | 12731 | | | | | | | | | 1.8 |
| MAXIMUM | | | | | | | | | | 600. | 4. | 4. | | 0.00 | 13.5 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 13.* U | 2.* | 2.* | | 0.0 | 13.5 | 1.1 |
| MINIMUM | | | | | | | | | | 1. | 1. | 1. | | 0.0 | 13.5 | 0.8 |
| NO OF SAMPLES | | | | | | | | | | 3 | 3 | 3 | | 1 | 1 | 3 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 11 03 | 76 | 1100 | | | .3 | | 0.013 | 0.008 | 0.030 | 0.360 | 0.003 | 0.020 | | | | |
| 01 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 06 | 76 | 1200 | | | .3 | | 0.020 | 0.005 | 0.020 | 0.520 | 0.003 | 0.010L | | | | |
| 17 08 | 76 | 1200 | | | .3 | | 0.017 | 0.004 | 0.020 | 0.630 | 0.003 | 0.010L | | | | |
| MAXIMUM | | | | | | | 0.020 | 0.008 | 0.030 | 0.630 | 0.003 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.017 | 0.006 | 0.023 | 0.503 | 0.003 | 0.013D | | | | |
| MINIMUM | | | | | | | 0.013 | 0.004 | 0.020 | 0.360 | 0.003 | 0.010 | | | | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 11 03 | 76 | 1100 | | | .3 | | 73 | 0.55 | 1.0 | | | | | | | |
| 01 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 16 06 | 76 | 1200 | | | .3 | | 58 | 1.30 | 1.0L | 2.0 | | | | | | |
| 17 08 | 76 | 1200 | | | .3 | | 56 | 1.00 | 1.0 | | | | | | | |
| MAXIMUM | | | | | | | 73 | 1.30 | 1.0 | 2.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 62 | 0.95 | 1.0D | 2.0 | | | | | | |
| MINIMUM | | | | | | | 56 | 0.55 | 1.0 | 2.0 | | | | | | |
| NO OF SAMPLES | | | | | | | 3 | 3 | 3 | 1 | | | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 11 03 | 76 | 1100 | | | .3 | | 4.0 | | | | | | | | | |
| 01 06 | 76 | 1200 | | | .3 | | 3.0 | | | | | | | | | |
| 16 06 | 76 | 1200 | | | .3 | | | | | | | | | | | |
| 17 08 | 76 | 1200 | | | .3 | | 3.0 | | | | | | | | | |
| MAXIMUM | | | | | | | 4.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 3.3 | | | | | | | | | |
| MINIMUM | | | | | | | 3.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 3 | | | | | | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 11 03 | 76 | 1100 | | | .3 | | 0.003 | 0.050L | | | 0.005 | 0.012L | | | 0.005 | |
| 01 06 | 76 | 1200 | | | .3 | | 0.020 | 0.050L | | | 0.004L | 0.012L | | | 0.007 | |
| 17 08 | 76 | 1200 | | | .3 | | 0.010L | 0.050 | | | 0.006 | 0.012L | | | | |
| MAXIMUM | | | | | | | 0.020 | 0.050 | | | 0.006 | 0.012 | | | 0.007 | |
| AVG OR GEOM MN (*) | | | | | | | 0.011D | 0.050D | | | 0.005D | 0.012D | | | 0.006 | |
| MINIMUM | | | | | | | 0.003 | 0.050 | | | 0.004 | 0.012 | | | 0.005 | |
| NO OF SAMPLES | | | | | | | 3 | 3 | | | 3 | 3 | | | 2 | |

B.O.W./ SITE: BALMER CREEK
 SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
 STATION TYPE: RIVER

STATION ID: 19-0001-032-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
 TERM STREAM: ENGLISH RIVER

STORET CODE: 05
 001
 1890

| STN NO | 32 | LAT | LONG | U.T.M. 15 0448400.0 5653200.0 4 | | | | | | REGION 06 | | MILEAGE | 173.20 | | | | |
|--------------------|--------|-------|----------|---------------------------------|---------|-----------------|----|------------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|----------------------------|
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 26 04 | 76 | 1200 | | | | .3 | | 12709 | | | 8. | 12. | 1. | | | | |
| 01 06 | 76 | 1200 | | | | .3 | | 12714 | | | 15000E+1G | 1. | 1. | | | | 4.4 |
| 16 06 | 76 | 1200 | | | | .3 | | 12719 | | | 1600. | 4. | 4. | | | | 7.6 |
| 17 08 | 76 | 1200 | | | | .3 | | 12732 | | | | | | | | | 2.4 |
| MAXIMUM | | | | | | | | | | | 15000E+1 | 12. | 4. | | | | 7.6 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 1243.* U | 4.* | 2.* | | | | 4.6 |
| MINIMUM | | | | | | | | | | | 8. | 1. | 1. | | | | 2.4 |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | | | 3 |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 26 04 | 76 | 1200 | | | | .3 | | | | | | | | | | | |
| 01 06 | 76 | 1200 | | | | .3 | | 0.170 | 0.130 | 0.370 | 1.400 | 0.075 | 0.750 | | 10.0 | | |
| 16 06 | 76 | 1200 | | | | .3 | | 0.200 | 0.130 | 0.010L | 1.900 | 0.008 | 0.010L | | 20.0 | | |
| 17 08 | 76 | 1200 | | | | .3 | | 0.130 | 0.140 | 0.160 | 1.300 | 0.030 | 0.570 | | 5.0 | | |
| MAXIMUM | | | | | | | | | | | 0.200 | 0.075 | 0.750 | | 20.0 | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.167 | 0.038 | 0.443D | | 11.7 | | |
| MINIMUM | | | | | | | | | | | 0.130 | 0.008 | 0.010 | | 5.0 | | |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 3 | | 3 | | |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 01 06 | 76 | 1200 | | | | .3 | | 375 | 10.00 | 12.0 | 12.0 | | | | | | |
| 16 06 | 76 | 1200 | | | | .3 | | 380 | 6.30 | 33.0 | 40.0 | | | | | | |
| 17 08 | 76 | 1200 | | | | .3 | | 330 | 5.60 | 24.0 | | | | | | | |
| MAXIMUM | | | | | | | | | | | 380 | 40.0 | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 362 | 23.0 | 26.0 | | | | |
| MINIMUM | | | | | | | | | | | 330 | 12.0 | 12.0 | | | | |
| NO OF SAMPLES | | | | | | | | | | | 3 | 3 | 2 | | | | |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 01 06 | 76 | 1200 | | | | .3 | | 4.0 | | | | | | | | | |
| 16 06 | 76 | 1200 | | | | .3 | | | | | | | | | | | |
| 17 08 | 76 | 1200 | | | | .3 | | 4.0 | | | | | | | | | |
| MAXIMUM | | | | | | | | | | | 4.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | | | | 4.0 | | | | | | |
| MINIMUM | | | | | | | | | | | 4.0 | | | | | | |
| NO OF SAMPLES | | | | | | | | | | | 2 | | | | | | |
| SAMP DY | DTE MO | HR YR | HOUR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
| 01 06 | 76 | 1200 | | | | .3 | | 0.430 | 0.050L | | | 0.178 | 0.012L | | | 0.152 | |
| 17 08 | 76 | 1200 | | | | .3 | | 0.370 | 0.050 | | | 0.096 | 0.010L | | | | |
| MAXIMUM | | | | | | | | | | | 0.430 | 0.050 | 0.178 | 0.012 | | | 0.152 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 0.400 | 0.050D | 0.137 | 0.011D | | | 0.152 |
| MINIMUM | | | | | | | | | | | 0.370 | 0.050 | 0.096 | 0.010 | | | 0.152 |
| NO OF SAMPLES | | | | | | | | | | | 2 | 2 | 2 | 2 | | | 1 |

B.O.W./ SITE: HOWEY BAY
SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
STATION TYPE: LAKE

STATION ID: 19-0001-033-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

| STN NO | 33 | LAT | LONG | U.T.M. 15 0442675.0 5652425.0 4 | REGION 06 | MILEAGE | 177.50 | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|--------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|------------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 09 03 76 0830 | | | .3 | | 12700 | 4 | | 24. | 4. | 1. | | 0.0 | 14.0 | 1.4 |
| 26 04 76 1200 | | | .3 | | 12711 | | | 28. | 1. | 1. | | | | 1.6 |
| 01 06 76 1200 | | | .3 | | 12712 | | | 20. | 1. | 1. | | | | |
| 16 06 76 1200 | | | .3 | | 12717 | | | 600. G | 4. | 1. | | | | 1.2 |
| 17 08 76 1200 | | | .3 | | 12730 | | | | | | | | | 1.6 |
| 23 11 76 1200 | | | .3 | | 12735 | | | | | | | | | 2.0 |
| MAXIMUM | | | | | | | | 600. | 4. | 1. | | 0.00 | 14.0 | 2.0 |
| AVG OR GEOM MN (*) | | | | | | | | 53.* U | 2.* | 1.* | | 0.0 | 14.0 | 1.6 |
| MINIMUM | | | | | | | | 20. | 1. | 1. | | 0.0 | 14.0 | 1.2 |
| NO OF SAMPLES | | | | | | | | 4 | 4 | 4 | | 1 | 1 | 5 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 09 03 76 0830 | | | .3 | | 0.016 | 0.010 | 0.050 | 0.370 | 0.003 | 0.020 | | | | |
| 26 04 76 1200 | | | .3 | | 0.041 | 0.008 | 0.030 | 0.680 | 0.003 | 0.010 | | | | |
| 01 06 76 1200 | | | .3 | | | | | | | | | | | |
| 16 06 76 1200 | | | .3 | | 0.053 | 0.036 | 0.020 | 0.490 | 0.033 | 0.010L | | | | |
| 17 08 76 1200 | | | .3 | | 0.011 | 0.004 | 0.010 | 0.760 | 0.003 | 0.010L | | | | |
| 23 11 76 1200 | | | .3 | | 0.019 | 0.004 | 0.030 | 0.360 | 0.002 | 0.010 | | | | |
| MAXIMUM | | | | | 0.053 | 0.036 | 0.050 | 0.760 | 0.033 | 0.020 | | | | |
| AVG OR GEOM MN (*) | | | | | 0.028 | 0.012 | 0.028 | 0.532 | 0.009 | 0.0120 | | | | |
| MINIMUM | | | | | 0.011 | 0.004 | 0.010 | 0.360 | 0.002 | 0.010 | | | | |
| NO OF SAMPLES | | | | | 5 | 5 | 5 | 5 | 5 | 5 | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 09 03 76 0830 | | | .3 | | 67 | 0.70 | 1.0L | | | | | | | |
| 26 04 76 1200 | | | .3 | | 56 | 2.20 | 1.0 | | | 1.0 | 40 | 6.80 | 0.25 | |
| 01 06 76 1200 | | | .3 | | | | | | | | | | | |
| 16 06 76 1200 | | | .3 | | 60 | 1.10 | 1.0L | 2.0 | | | | | | |
| 17 08 76 1200 | | | .3 | | 56 | 0.95 | 1.0 | | | | | | | |
| 23 11 76 1200 | | | .3 | | 60 | 0.60 | 1.0L | 4.5 | | | | | | |
| MAXIMUM | | | | | 67 | 2.20 | 1.0 | 4.5 | | 1.0 | 40 | 6.80 | 0.25 | |
| AVG OR GEOM MN (*) | | | | | 60 | 1.11 | 1.00 | 3.3 | | 1.0 | 40 | 6.80 | 0.25 | |
| MINIMUM | | | | | 56 | 0.60 | 1.0 | 2.0 | | 1.0 | 40 | 6.80 | 0.25 | |
| NO OF SAMPLES | | | | | 5 | 5 | 5 | 2 | | 1 | 1 | 1 | 1 | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRIBLES MG/L |
| 09 03 76 0830 | | | .3 | | 1.0L | 44.0 | | | 30 | | | | | |
| 26 04 76 1200 | | | .3 | | | | | | | | | | | |
| 01 06 76 1200 | | | .3 | | 1.0L | | | | | | | | | |
| 16 06 76 1200 | | | .3 | | | | | | | | | | | |
| 17 08 76 1200 | | | .3 | | 4.0 | | | | | | | | | |
| 23 11 76 1200 | | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | | 4.0 | 44.0 | | | 30 | | | | | |
| AVG OR GEOM MN (*) | | | | | 1.80 | 44.0 | | | 30 | | | | | |
| MINIMUM | | | | | 1.0 | 44.0 | | | 30 | | | | | |
| NO OF SAMPLES | | | | | 4 | 1 | | | 1 | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 09 03 76 0830 | | | .3 | | 0.004 | 0.050L | | | 0.004L | 0.013 | | 0.013 | 0.003L | 0.008L |
| 01 06 76 1200 | | | .3 | | | 0.130 | | | 0.004L | 0.012L | | | 0.006 | |
| 17 08 76 1200 | | | .3 | | 0.010L | 0.150 | | | 0.004L | 0.012L | | | | |
| 23 11 76 1200 | | | .3 | | 0.010L | 0.050L | | | 0.025 | 0.012L | | | 0.018 | |
| MAXIMUM | | | | | 0.010 | 0.150 | | | 0.025 | 0.013 | | 0.013 | 0.018 | 0.008 |
| AVG OR GEOM MN (*) | | | | | 0.0080 | 0.0950 | | | 0.0090 | 0.0120 | | 0.013 | 0.0090 | 0.0080 |
| MINIMUM | | | | | 0.004 | 0.050 | | | 0.004 | 0.012 | | 0.013 | 0.003 | 0.008 |
| NO OF SAMPLES | | | | | 3 | 4 | | | 4 | 4 | | 1 | 3 | 1 |

B.O.W. / SITE: RAINY LAKE
 SAMPLE POINT: HIGHWAY 11 NODEN CAUSEWAY
 STATION TYPE: RAINY LAKE

STATION ID: 19-0001-034-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
 MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
 TERM STREAM: RAINY RIVER

STORET CODE: 05
 001
 4610

| STN NO | 34 | LAT | LONG | U.T.M. 15 0477650.0 5388700.0 4 | | | | | | REGION 06 | | MILEAGE 217.80 | | |
|--------------------|------|-----|-------|---------------------------------|--------------------|--------------------------|-----------------------|-------------------------|---------------------------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE NO | SCD | FLOW CFS | TOTAL COLIFORM MF/100ML | FECAL COLIFORM MF/100ML | M.F. ENTER. MF/100ML | PSEUD. MPA MF/100ML | WATER TEMP. DEG C | DISS. O2 MG/L | 5-DAY BOD MG/L |
| 09 02 76 1635 | | | .3 | | 12300 | 4 | | 1. | 1. | 1. | | | | 2.8 |
| 08 03 76 1700 | | | .3 | | 12309 | 4 | | 1. | 1. | 1. | | | | 3.4 |
| 06 04 76 1000 | | | .3 | | 12318 | 4 | | 1. | 1. | 1. | | | | 2.8 |
| 04 05 76 1030 | | | .3 | | 12328 | 6 | | 1. | 1. | 1. | | | | 2.0 |
| 29 06 76 1210 | | | .3 | | 12338 | | | 272. | 1. | 4. | | 16.0 | 10.0 | 1.4 |
| 27 07 76 1100 | | | .3 | | 12347 | | | 10. L | 1. | 1. | | 22.0 | 10.0 | 1.4 |
| 24 08 76 1240 | | | .3 | | 12356 | 6 | | 156. | 1. | 1. | | 22.0 | 10.0 | 1.0 |
| MAXIMUM | | | | | | | | 272. | 1. | 4. | | 22.0 | 10.0 | 3.4 |
| AVG OR GEOM MN (*) | | | | | | | | 6. * D | 1. * | 1. * | | 20.0 | 10.0 | 2.1 |
| MINIMUM | | | | | | | | 1. | 1. | 1. | | 16.0 | 10.0 | 1.0 |
| NO OF SAMPLES | | | | | | | | 7 | 7 | 7 | | 3 | 3 | 7 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL P MG/L | FILTERED REACTIVE P MG/L | FILTERED AMMONIA MG/L | TOTAL KJELDAHL MG/L | FILTERED NO2-N MG/L | FILTERED NO3-N MG/L | TOTAL SOLIDS MG/L | SUSP. SOLIDS MG/L | DISS. SOLIDS MG/L | CALCUL D-SOLIDS MG/L |
| 09 02 76 1635 | | | .3 | | 0.021 | 0.002 | 0.020 | 0.880 | 0.003 | 0.020 | | 2. | | |
| 08 03 76 1700 | | | .3 | | 0.090 | 0.086 | 0.040 | 0.750 | 0.003 | 0.020 | | 1.0 | | |
| 06 04 76 1000 | | | .3 | | 0.033 | 0.011 | 0.200 | 0.980 | 0.003 | 0.050 | | 10.0 | | |
| 04 05 76 1030 | | | .3 | | 0.010 | 0.004 | 0.040 | 0.270 | 0.004 | 0.010 | | 3.0 | | |
| 29 06 76 1210 | | | .3 | | 0.014 | 0.001 | 0.040 | 0.300 | 0.003 | 0.010L | | 5.0 | | |
| 27 07 76 1100 | | | .3 | | 0.014 | 0.002 | 0.030 | 0.360 | 0.003 | 0.010L | | 5.0 | | |
| 24 08 76 1240 | | | .3 | | 0.049 | 0.020 | 0.070 | 0.700 | 0.002 | 0.010L | | 2.0 | | |
| MAXIMUM | | | | | 0.090 | 0.086 | 0.200 | 0.980 | 0.004 | 0.050 | | 10.0 | | |
| AVG OR GEOM MN (*) | | | | | 0.033 | 0.018 | 0.063 | 0.606 | 0.003 | 0.019D | | 4.0 | | |
| MINIMUM | | | | | 0.010 | 0.001 | 0.020 | 0.270 | 0.002 | 0.010 | | 1.0 | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | 7 | 7 | 7 | | 7 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. 25C UMHOS | TURB. FORMAZIN UNITS | CHLORIDE MG/L | SULPHATE MG/L | REACTIVE SILICATE SI MG/L | ACIDITY MG/L | TOT ALK AT LAB MG/L | PH AT LAB | TOTAL IRON MG/L | TOTAL IRON MG/L |
| 09 02 76 1635 | | | .3 | | 75 | 0.70 | 1. | | | | | | | |
| 08 03 76 1700 | | | .3 | | 86 | 1.10 | 2.0 | | | | | | | |
| 06 04 76 1000 | | | .3 | | 30 | 3.80 | 1.0 | | | | | | | |
| 04 05 76 1030 | | | .3 | | 59 | 1.30 | 1.0L | | | | | | | |
| 29 06 76 1210 | | | .3 | | 68 | 2.40 | 1.0L | | | | | | | |
| 27 07 76 1100 | | | .3 | | 62 | 1.70 | 1.0 | | | | | | | |
| 24 08 76 1240 | | | .3 | | 62 | 2.00 | 1.0L | | | | | | | |
| MAXIMUM | | | | | 86 | 3.80 | 2.0 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 63 | 1.86 | 1.1D | | | | | | | |
| MINIMUM | | | | | 30 | 0.70 | 1. | | | | | | | |
| NO OF SAMPLES | | | | | 7 | 7 | 7 | | | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS UG/L | CALCUL HARDNESS MG/L | TOTAL CALCIUM MG/L | TOT. MAG NESIUM MG/L | COLOUR HAZEN UNITS | PTSSIUM K MG/L | SODIUM NA MG/L | ORGANIC C AS C MG/L | COD MG/L | SOLVENT EXTRBLES MG/L |
| 09 02 76 1635 | | | .3 | | 2. | | | | | | | | | |
| 08 03 76 1700 | | | .3 | | 4.0 | | | | | | | | | |
| 06 04 76 1000 | | | .3 | | 3.0 | | | | | | | | | |
| 04 05 76 1030 | | | .3 | | 7.0 | | | | | | | | | |
| 29 06 76 1210 | | | .3 | | 1.0 | | | | | | | | | |
| 27 07 76 1100 | | | .3 | | 14.0 | | | | | | | | | |
| 24 08 76 1240 | | | .3 | | | | | | | | | | | |
| MAXIMUM | | | | | 14.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 5.2 | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 6 | | | | | | | | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL ARSENIC MG/L | TOTAL MERCURY UG/L | TOTAL ALUMINUM MG/L | TOTAL CHROMIUM MG/L | TOTAL COPPER MG/L | TOTAL LEAD MG/L | TOTAL CADMIUM MG/L | TOTAL ZINC MG/L | TOTAL MN MG/L | TOTAL NICKEL MG/L |
| 09 02 76 1635 | | | .3 | | | 0.050L | | | | | | | | |
| MAXIMUM | | | | | | 0.050 | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | 0.050D | | | | | | | | |
| MINIMUM | | | | | | 0.050 | | | | | | | | |
| NO OF SAMPLES | | | | | | 1 | | | | | | | | |

B.O.W. / SITE: MATTAGAMI RIVER
 SAMPLE POINT: DOWNSTREAM FROM TIMMINS STP.
 STATION TYPE: RIVER FLOW GAUGE FED 04LA002

STATION ID: 19-0064-001-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

| STN NO | | 1 | | LAT | | LONG | | U.T.M. 17 0473350.0 5371250.0 4 | | | | REGION 05 | | MILEAGE 264.50 | | | | | | | | | | | | | | | |
|---------------|----|----------|------|---------|--|------------|----|---------------------------------|--|---------------|-----|-----------|--|----------------|----------|----------------------------|--------|----------------------------|-------|-------------------------|--|------------------------|--|-----------------------|--|-----------------|--|------------------|--|
| SAMP DTE HOUR | | STN DIST | | STN BRG | | SAMP DEPTH | | PJ | | 934 SAMPLE NO | | 901 SCD | | 444 FLOW CFS | | 80 TOTAL COLIFORM MF/100ML | | 81 FECAL COLIFORM MF/100ML | | 84 M.F. ENTER. MF/100ML | | 88 PSEUD. MPA MF/100ML | | 805 WATER TEMP. DEG C | | 3 DISS. O2 MG/L | | 1 5-DAY BOD MG/L | |
| 25 | 01 | 76 | 1205 | | | | .3 | | | 15714 | 4 | | | | 2790.00 | | 230. | | 8. | | | | | 0.0 | | 13.0 | | 4.0 | |
| 22 | 02 | 76 | 1110 | | | | .3 | | | 15731 | 4 | | | | 2400.00 | | 300. | | 16. | | | | | 0.0 | | 8.0 | | 1.6 | |
| 21 | 03 | 76 | 1220 | | | | .3 | | | 15748 | 4 | | | | 1630.00 | | 2700. | | 380. | | | | | 0.0 | | 11.0 | | 1.8 | |
| 25 | 04 | 76 | 1040 | | | | .3 | | | 15765 | 3 | | | | 11000.00 | | 160. | | 16. | | | | | 1.0 | | 10.0 | | 1.2 | |
| 24 | 05 | 76 | 1255 | | | | .3 | | | 15782 | 3 | | | | 6430.00 | | 1000. | | 12. | | | | | 7.0 | | 6.0 | | 0.8 | |
| 30 | 06 | 76 | 1525 | | | | .3 | | | 15799 | 8 9 | | | | 1430.00 | | 80000. | | 8000. | | | | | 23.0 | | 6.0 | | 1.4 | |
| 27 | 07 | 76 | 1200 | | | | .3 | | | 15816 | 8 9 | | | | 950.00 | | 22000. | | 640. | | | | | 20.0 | | 8.0 | | 1.0 | |
| 29 | 08 | 76 | 1110 | | | | .3 | | | 15833 | 8 9 | | | | 820.00 | | 6000. | | 250. | | | | | 14.0 | | 7.0 | | 0.6 | |
| 30 | 09 | 76 | 1210 | | | | .3 | | | 15850 | 8 | | | | 1010.00 | | 370. | | 24. | | | | | 9.0 | | 10.0 | | 1.0 | |
| 31 | 10 | 76 | 1115 | | | | .3 | | | 15867 | 9 | | | | 1390.00 | | 220. | | 16. | | | | | 2.0 | | 9.0 | | 1.8 | |
| 28 | 11 | 76 | 1340 | | | | .3 | | | 15884 | 4 | | | | 962.00 | | 3300. | | 38. | | | | | 0.0 | | 11.0 | | 1.2 | |
| 28 | 12 | 76 | 1055 | | | | .3 | | | 15901 | 4 | | | | 1650.00 | | 1500. | | 14. | | | | | 0.0 | | 4.0 | | 0.8 | |

| | | | | | | |
|--------------------|----------|--------|-------|------|------|-----|
| MAXIMUM | 11000.00 | 80000. | 8000. | 23.0 | 13.0 | 4.0 |
| AVG OR GEOM MN (*) | 2705.17 | 1497.* | 61.* | 6.3 | 8.6 | 1.4 |
| MINIMUM | 820.00 | 160. | 8. | 0.0 | 4.0 | 0.6 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------------|----------|---------|------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 25 01 76 1205 | | | .3 | | 0.040 | 0.002 | 0.012 | 1.110 | 0.005 | 0.005L | | | | |
| 22 02 76 1110 | | | .3 | | 0.060 | 0.023 | 0.072 | 0.530 | 0.002 | 0.068 | | | | |
| 21 03 76 1220 | | | .3 | | 0.028 | 0.001 | 0.002L | 0.520 | 0.004 | 0.116 | | | | |
| 25 04 76 1040 | | | .3 | | 0.036 | 0.008 | 0.020 | 0.440 | 0.005 | 0.075 | | | | |
| 24 05 76 1255 | | | .3 | | 0.020 | 0.005 | 0.022 | 0.400 | 0.004 | 0.031 | | | | |
| 30 06 76 1525 | | | .3 | | 0.111 | 0.044 | 0.164 | 0.690 | 0.057 | 0.053 | | | | |
| 27 07 76 1200 | | | .3 | | 0.078 | 0.029 | 0.104 | 0.700 | 0.002 | 0.005L | | | | |
| 29 08 76 1110 | | | .3 | | 0.022 | 0.021 | 0.120 | 0.480 | 0.003 | 0.005L | | | | |
| 30 09 76 1210 | | | .3 | | 0.024 | 0.015 | 0.074 | 0.400 | 0.002 | 0.005L | | | | |
| 31 10 76 1115 | | | .3 | | 0.036 | 0.003 | 0.002L | 0.370 | 0.003 | 0.013 | | | | |
| 28 11 76 1340 | | | .3 | | 0.016 | 0.002 | 0.026 | 0.270 | 0.002 | 0.028 | | | | |
| 28 12 76 1055 | | | .3 | | 0.046 | 0.024 | 0.400 | 0.720 | 0.005 | 0.045 | | | | |

| | | | | | | |
|--------------------|-------|-------|--------|-------|-------|--------|
| MAXIMUM | 0.111 | 0.044 | 0.400 | 1.110 | 0.057 | 0.116 |
| AVG OR GEOM MN (*) | 0.043 | 0.015 | 0.085D | 0.553 | 0.008 | 0.037D |
| MINIMUM | 0.016 | 0.001 | 0.002 | 0.270 | 0.002 | 0.005 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 01 76 1205 | | | .3 | | 126 | 2.40 | 3.3 | | | | | | | |
| 22 02 76 1110 | | | .3 | | 120 | 1.60 | 1.8 | | | | | | | |
| 21 03 76 1220 | | | .3 | | 150 | 2.60 | 9.0 | | | | | | | |
| 25 04 76 1040 | | | .3 | | 115 | 6.50 | 7.1 | | | | | | | |
| 24 05 76 1255 | | | .3 | | 85 | 2.60 | 2.2 | | | | | | | |
| 30 06 76 1525 | | | .3 | | 107 | 19.00 | 1.6 | | | | | | | |
| 27 07 76 1200 | | | .3 | | 105 | 2.50 | 1.1 | | | | | | | |
| 29 08 76 1110 | | | .3 | | 106 | 1.40 | 1.0 | | | | | | | |
| 30 09 76 1210 | | | .3 | | 118 | 1.80 | 1.2 | | | | | | | |
| 31 10 76 1115 | | | .3 | | 122 | 3.60 | 1.2 | | | | | | | |
| 28 11 76 1340 | | | .3 | | 125 | 1.60 | 3.1 | | | | | | | |
| 28 12 76 1055 | | | .3 | | 140 | 1.40 | 2.4 | | | | | | | |

| | | | |
|--------------------|-----|-------|-----|
| MAXIMUM | 150 | 19.00 | 9.0 |
| AVG OR GEOM MN (*) | 118 | 3.92 | 2.9 |
| MINIMUM | 85 | 1.40 | 1.0 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W./ SITE: MATTAGAMI RIVER
 SAMPLE POINT: HIGHWAY 101 BRIDGE, TIMMINS
 STATION TYPE: RIVER

STATION ID: 19-0064-002-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORE CODE: 04
 001
 0230

| STN NO | 2 | LAT | LONG | U.T.M. 17 0474100.0 5369000.0 4 | REGION 05 | MILEAGE | 265.50 | | | | | | | | | |
|--------------------|--------|-------|----------|---------------------------------|------------|---------|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|-----------------------|---------------------|--------------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 25 | 01 | 76 | 1235 | | .3 | | 15715 | 4 | | 14. | 0. | | | 0.0 | 12.0 | 0.6 |
| 22 | 02 | 76 | 1130 | | .3 | | 15732 | 4 | | 40. | 0. | | | 0.0 | 10.0 | 1.4 |
| 21 | 03 | 76 | 1245 | | .3 | | 15749 | 4 | | 20. | 2. | | | 0.0 | 13.0 | 1.0 |
| 25 | 04 | 76 | 1055 | | .3 | | 15766 | 3 | | 80. | 6. | | | 1.0 | 10.0 | 1.0 |
| 24 | 05 | 76 | 1320 | | .3 | | 15783 | 3 | | 220. | 2. | | | 7.0 | 10.0 | 0.6 |
| 30 | 06 | 76 | 1545 | | .3 | | 15800 | 6 | | 42. | 0. | | | 23.0 | 8.0 | 0.6 |
| 27 | 07 | 76 | 1215 | | .3 | | 15817 | 6 | | 155. | 14. | | | 20.0 | 8.0 | 0.4 |
| 29 | 08 | 76 | 1130 | | .3 | | 15834 | 6 | | 125. | 4. | | | 14.0 | 7.0 | 0.2 |
| 30 | 09 | 76 | 1230 | | .3 | | 15851 | 6 | | 10. | 2. | | | 10.0 | 11.0 | 1.0 |
| 31 | 10 | 76 | 1135 | | .3 | | 15868 | 6 | | 200. | 2. | | | 2.0 | 10.0 | 1.4 |
| 28 | 11 | 76 | 1405 | | .3 | | 15885 | 4 | | 1000. | 2. | | | 0.0 | 11.0 | 0.6 |
| 28 | 12 | 76 | 1110 | | .3 | | 15902 | 4 | | 16. | 0. | | | 0.0 | 4.0 | 0.4 |
| | | | | | | | | | | 1000. | 14. | | | 23.0 | 13.0 | 1.4 |
| MAXIMUM | | | | | | | | | | 64.* | 2.* | | | 6.4 | 9.5 | 0.8 |
| AVG OR GEOM MN (*) | | | | | | | | | | 10. | 0. | | | 0.0 | 4.0 | 0.2 |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | | | 12 | 12 | | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 25 | 01 | 76 | 1235 | | .3 | | 0.025 | 0.006 | 0.015 | 0.470 | 0.003 | 0.082 | | | | |
| 22 | 02 | 76 | 1130 | | .3 | | 0.018 | 0.004 | 0.002L | 0.290 | 0.002 | 0.068 | | | | |
| 21 | 03 | 76 | 1245 | | .3 | | 0.018 | 0.002 | 0.006 | 0.520 | 0.006 | 0.274 | | | | |
| 25 | 04 | 76 | 1055 | | .3 | | 0.018 | 0.003 | 0.010 | 0.360 | 0.004 | 0.066 | | | | |
| 24 | 05 | 76 | 1320 | | .3 | | 0.046 | 0.002 | 0.008 | 0.400 | 0.004 | 0.036 | | | | |
| 30 | 06 | 76 | 1545 | | .3 | | 0.012 | 0.005 | 0.020 | 0.900 | 0.003 | 0.012 | | | | |
| 27 | 07 | 76 | 1215 | | .3 | | 0.010 | 0.004 | 0.024 | 0.380 | 0.002 | 0.005L | | | | |
| 29 | 08 | 76 | 1130 | | .3 | | 0.009 | 0.008 | 0.002L | 0.230 | 0.001 | 0.005L | | | | |
| 30 | 09 | 76 | 1230 | | .3 | | 0.005 | 0.002 | 0.014 | 0.250 | 0.002 | 0.005L | | | | |
| 31 | 10 | 76 | 1135 | | .3 | | 0.043 | 0.001 | 0.006 | 0.290 | 0.002 | 0.005L | | | | |
| 28 | 11 | 76 | 1405 | | .3 | | 0.010 | 0.001 | 0.008 | 0.210 | 0.002 | 0.028 | | | | |
| 28 | 12 | 76 | 1110 | | .3 | | 0.005 | 0.001 | 0.012 | 0.100 | 0.002 | 0.013 | | | | |
| | | | | | | | 0.046 | 0.008 | 0.220 | 0.900 | 0.006 | 0.274 | | | | |
| MAXIMUM | | | | | | | 0.018 | 0.003 | 0.027D | 0.367 | 0.003 | 0.050D | | | | |
| AVG OR GEOM MN (*) | | | | | | | 0.005 | 0.001 | 0.002 | 0.100 | 0.001 | 0.005 | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | | | | |
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 25 | 01 | 76 | 1235 | | .3 | | 112 | 2.00 | 1.1 | | | | | | | |
| 22 | 02 | 76 | 1130 | | .3 | | 110 | 1.20 | 1.2 | | | | | | | |
| 21 | 03 | 76 | 1245 | | .3 | | 205 | 1.70 | 10.0 | | | | | | | |
| 25 | 04 | 76 | 1055 | | .3 | | 70 | 8.50 | 1.2 | | | | | | | |
| 24 | 05 | 76 | 1320 | | .3 | | 70 | 8.00 | 1.1 | | | | | | | |
| 30 | 06 | 76 | 1545 | | .3 | | 97 | 2.60 | 1.6 | | | | | | | |
| 27 | 07 | 76 | 1215 | | .3 | | 93 | 2.50 | 0.8 | | | | | | | |
| 29 | 08 | 76 | 1130 | | .3 | | 97 | 1.30 | 0.7 | | | | | | | |
| 30 | 09 | 76 | 1230 | | .3 | | 105 | 1.50 | 0.7 | | | | | | | |
| 31 | 10 | 76 | 1135 | | .3 | | 96 | 7.00 | 0.7 | | | | | | | |
| 28 | 11 | 76 | 1405 | | .3 | | 106 | 1.20 | 1.0 | | | | | | | |
| 28 | 12 | 76 | 1110 | | .3 | | 112 | 0.90 | 1.0 | | | | | | | |
| | | | | | | | 205 | 8.50 | 10.0 | | | | | | | |
| MAXIMUM | | | | | | | 106 | 3.20 | 1.8 | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | 70 | 0.90 | 0.7 | | | | | | | |
| MINIMUM | | | | | | | | | | | | | | | | |
| NO OF SAMPLES | | | | | | | 12 | 12 | 12 | | | | | | | |

B.O.W. / SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 WHITNEY TOWNSHIP
STATION TYPE: RIVER

STATION ID: 19-0064-003-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

| STN NO | | 3 | LAT | | LONG | | U.T.M. 17 0487025.0 5371100.0 4 | | | | REGION 05 | | MILEAGE 268.40 | | |
|---------------|----|------|------|-------|------|--------|---------------------------------|----------|----------|----------|-----------|----------|----------------|-------|-------|
| SAMP DTE HOUR | | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 | 01 | 76 | 1120 | | .3 | 15713 | 4 | | 40. | 0. | | | 0.0 | 12.0 | |
| 22 | 02 | 76 | 1050 | | .3 | 15730 | 4 | | 200. | 100. | | | 0.0 | 7.0 | 1.4 |
| 21 | 03 | 76 | 1115 | | .3 | 15747 | 4 | | 190. | 0. | | | 0.0 | 7.0 | 1.8 |
| 25 | 04 | 76 | 1015 | | .3 | 15764 | 3 | | 140. | 80. | | | 1.0 | 9.0 | 1.4 |
| 24 | 05 | 76 | 1215 | | .3 | 15781 | 3 | | 95. | 0. | | | 7.0 | 12.0 | 1.6 |
| 30 | 06 | 76 | 1450 | | .3 | 15798 | 7 | | 5. | 0. | | | 22.0 | 6.0 | |
| 27 | 07 | 76 | 1135 | | .3 | 15815 | 7 5 | | 110. | 10. | | | 18.0 | 5.0 | 1.0 |
| 29 | 08 | 76 | 1040 | | .3 | 15832 | 7 5 | | 75. | 70. | | | 15.0 | 4.0 | 2.8 |
| 30 | 09 | 76 | 1145 | | .3 | 15849 | 7 | | 15. | 12. | | | 8.0 | 9.0 | 1.6 |
| 31 | 10 | 76 | 1055 | | .3 | 15866 | 6 | | 5. | 4. | | | 1.0 | 12.0 | 2.1 |
| 28 | 11 | 76 | 1305 | | .3 | 15883 | 4 | | 80000. | 22. | | | 0.0 | 13.0 | 2.5 |
| 28 | 12 | 76 | 1025 | | .3 | 15900 | 4 | | 12. | 4. | | | 0.0 | 5.0 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

80000.
79.
5.
100.
7.
0.
22.0
6.0
0.0
13.0
8.4
4.0
2.8
1.8
1.0

NO OF SAMPLES

12 12 12 12 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|-----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDRAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 1120 | | | .3 | | 0.041 | 0.010 | 0.182 | 0.800 | 0.014 | 0.116 | 575.0 | 9.2 | | |
| 22 02 76 1050 | | | .3 | | 0.058 | 0.019 | 0.192 | 0.730 | 0.025 | 0.200 | 566.0 | 8.0 | | |
| 21 03 76 1115 | | | .3 | | 0.042 | 0.005 | 0.058 | 0.280 | 0.006 | 0.044 | 72.0 | 17.0 | | |
| 25 04 76 1015 | | | .3 | | 0.042 | 0.003 | 0.290 | 0.930 | 0.027 | 0.318 | 397.0 | 8.2 | | |
| 24 05 76 1215 | | | .3 | | | | | | | | | | | |
| 30 06 76 1450 | | | .3 | | | | | | | | | | | |
| 27 07 76 1135 | | | .3 | | 0.264 | 0.200 | 0.092 | 0.800 | 0.005 | 0.005L | 382.0 | 2.5 | | |
| 29 08 76 1040 | | | .3 | | 0.210 | 0.200 | 0.130 | 0.650 | 0.071 | 0.024 | 394.0 | 12.0 | | |
| 30 09 76 1145 | | | .3 | | 0.085 | 0.051 | 0.036 | 0.600 | 0.002 | 0.005L | 460.0 | 5.6 | | |
| 31 10 76 1055 | | | .3 | | 0.078 | 0.034 | 0.002 | 0.570 | 0.001 | 0.005L | 513.0 | 31.0 | | |
| 28 11 76 1305 | | | .3 | | 0.060 | 0.037 | 0.036 | 0.490 | 0.001 | 0.005L | 529.0 | 4.2 | | |
| 28 12 76 1025 | | | .3 | | 0.164 | 0.062 | 0.076 | 0.880 | 0.028 | 0.047 | 637.0 | 55.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.264 0.200 0.290 0.930 0.071 0.318 637.0 55.0
0.104 0.062 0.109 0.673 0.018 0.077D 452.5 15.3
0.041 0.003 0.002 0.280 0.001 0.005 72.0 2.5

NO OF SAMPLES

10 10 10 10 10 10 10 10

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 25 01 76 1120 | | | .3 | | 660 | | | 260.0 | | | | 7.90 | 0.12 | |
| 22 02 76 1050 | | | .3 | | 650 | 1.90 | 26.2 | | | | | 7.80 | 0.14 | |
| 21 03 76 1115 | | | .3 | | 760 | 3.80 | 0.7 | | | | | 7.80 | 0.70 | |
| 25 04 76 1015 | | | .3 | | 85 | 11.00 | 5.3 | 9.5 | | | | 7.90 | | 0.570 |
| 24 05 76 1215 | | | .3 | | 500 | 3.40 | 19.0 | 150.0 | | | | 8.07 | | 0.320 |
| 30 06 76 1450 | | | .3 | | | | | 110.0 | | | | 7.38 | | 0.280 |
| 27 07 76 1135 | | | .3 | | 550 | 1.50 | 25.0 | 115.0 | | | | 7.67 | | 0.050L |
| 29 08 76 1040 | | | .3 | | 600 | 1.90 | 34.5 | 165.0 | | | | 7.78 | | 0.560 |
| 30 09 76 1145 | | | .3 | | 630 | 3.00 | 25.5 | 180.0 | | | | 8.05 | | 0.220 |
| 31 10 76 1055 | | | .3 | | 700 | 2.60 | | 24.5 | | | | 8.26 | | 0.690 |
| 28 11 76 1305 | | | .3 | | 770 | 1.80 | 30.0 | 220.0 | | | | 8.10 | | 0.170 |
| 28 12 76 1025 | | | .3 | | 810 | 14.00 | 42.5 | | | | | 7.71 | | 0.980 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

810 14.00 42.5 260.0 8.26 0.70 0.980
610 4.49 23.2 137.1 7.87 0.32 0.427D
85 1.50 0.7 9.5 7.38 0.12 0.050

NO OF SAMPLES

11 10 9 9 12 3 9

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----|-------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 25 01 76 1120 | | | .3 | | 1.0L | | | | | | | | | |
| 22 02 76 1050 | | | .3 | | | | | | | | | | | |
| 21 03 76 1115 | | | .3 | | | | | | | | | | | |
| 25 04 76 1015 | | | .3 | | | | | | | | | | | |
| 24 05 76 1215 | | | .3 | | | | | | | | | | | |
| 30 06 76 1450 | | | .3 | | 48.0 | | | | | | | | | |
| 27 07 76 1135 | | | .3 | | | | | | | | | | | |
| 29 08 76 1040 | | | .3 | | | | | | | | | | | |
| 30 09 76 1145 | | | .3 | | 1.0L | | | | | | | | | |
| 31 10 76 1055 | | | .3 | | | | | | | | | | | |
| 28 11 76 1305 | | | .3 | | | | | | | | | | | |
| 28 12 76 1025 | | | .3 | | 1.0L | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

48.0
12.8D
1.0

NO OF SAMPLES

4

| SAMP DTE HOUR | STN | STN SAMP | PJ | 265 | 235 | 203 | 221 | 225 | 229 | 215 | 249 | 201 | 238 |
|---------------|------|-----------|----|---------|---------|----------|----------|--------|-------|---------|--------|-------|--------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL |
| | FEET | MTRS | | ARSENIC | MERCURY | ALUMINUM | CHROMIUM | COPPER | LEAD | CADMIUM | ZINC | MN | NICKEL |
| | | | | MG/L | UG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 1120 | | .3 | | 0.004 | | | | 0.030 | | | 0.020 | | 0.050 |
| 22 02 76 1050 | | .3 | | 0.005 | | | | 0.030 | | | 0.020L | | 0.020L |
| 21 03 76 1115 | | .3 | | 0.006 | | | | 0.040L | | | 0.040 | | 0.030 |
| 25 04 76 1015 | | .3 | | 0.004 | | | | 0.020 | | | 0.010L | | 0.020L |
| 24 05 76 1215 | | .3 | | 0.005 | | | | 0.060 | | | 0.010 | | 0.040 |
| 30 06 76 1450 | | .3 | | 0.006 | | | | 0.030 | | | 0.010L | | 0.030 |
| 27 07 76 1135 | | .3 | | 0.012 | | | | 0.020 | | | 0.010L | | 0.010L |
| 29 08 76 1040 | | .3 | | 0.010 | | | | 0.050 | | | 0.010L | | 0.020 |
| 30 09 76 1145 | | .3 | | 0.012 | | | | 0.010 | | | 0.010L | | 0.010 |
| 31 10 76 1055 | | .3 | | 0.013 | | | | 0.010L | | | 0.010L | | 0.020 |
| 28 11 76 1305 | | .3 | | 0.011 | | | | 0.020 | | | 0.020 | | 0.020 |
| 28 12 76 1025 | | .3 | | 0.014 | | | | 0.020 | | | | | 0.010 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.014
0.009
0.004

0.060
0.028D
0.010

0.040
0.015D
0.010

0.050
0.023D
0.010

NO OF SAMPLES

12

12

11

12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 60 | 272 | 217 | 451 | 452 | 453 | 454 | 455 | 456 | 934 |
|---------------|------|-----------|----|----------|---------|--------|----------|----------|----------|----------|----------|---------|--------|
| DY MO YR LMT | DIST | BRG DEPTH | | FLUORIDE | SIMPLE | TOTAL | RADIUM | GROSS"A" | GROSS"A" | GROSS"B" | GROSS"B" | URANIUM | SAMPLE |
| | FEET | MTRS | | MG/L | CYANIDE | COBALT | 226 DISS | DISS | UNDISS | DISS | UNDISS | 238 | NO |
| | | | | | MG/L | MG/L | PCI/L | PCI/L | PCI/L | PCI/L | PCI/L | UG/L | |
| 25 01 76 1120 | | .3 | | | 0.01L | | | | | | | | 15713 |
| 22 02 76 1050 | | .3 | | | 0.01L | | | | | | | | 15730 |
| 21 03 76 1115 | | .3 | | | 0.01L | | | | | | | | 15747 |
| 25 04 76 1015 | | .3 | | | | | | | | | | | 15764 |
| 24 05 76 1215 | | .3 | | | 0.01L | | | | | | | | 15781 |
| 30 06 76 1450 | | .3 | | | 0.01L | | | | | | | | 15798 |
| 27 07 76 1135 | | .3 | | | 0.01L | | | | | | | | 15815 |
| 29 08 76 1040 | | .3 | | | 0.01L | | | | | | | | 15832 |
| 30 09 76 1145 | | .3 | | | 0.01L | | | | | | | | 15849 |
| 31 10 76 1055 | | .3 | | | 0.01L | | | | | | | | 15866 |
| 28 11 76 1305 | | .3 | | | 0.01L | | | | | | | | 15883 |
| 28 12 76 1025 | | .3 | | | 0.01L | | | | | | | | 15900 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.01
0.01D
0.01

NO OF SAMPLES

11

B.O.W. / SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 BRIDGE, HOYLE
STATION TYPE: RIVER

STATION ID: 19-0064-004-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 4 LAT LONG U.T.M. 17 0496000.0 5377200.0 4 REGION 05 MILEAGE 251.50

| SAMP DTE HOUR | STN | STN SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOO |
| | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 01 76 1040 | | .3 | | 15712 | 4 | | 300. | 200. | | | 0.0 | 2.0 | |
| 22 02 76 1020 | | .3 | | 15729 | 4 | | 5400. | 100. | | | 0.0 | 3.0 | 1.0 |
| 21 03 76 1055 | | .3 | | 15746 | 4 | | 80000. | 1200. | | | 0.0 | 4.0 | 1.6 |
| 25 04 76 1000 | | .3 | | 15763 | 3 | | 300. | 72. | | | 1.0 | 10.0 | 1.6 |
| 24 05 76 1150 | | .3 | | 15780 | 6 | | 45. | 4. | | | 6.0 | 10.0 | 1.2 |
| 30 06 76 1415 | | .3 | | 15797 | 8 | | 1200. | 44. | | | 23.0 | 7.0 | |
| 27 07 76 1110 | | .3 | | 15814 | 8 | | 320. | 20. | | | 19.0 | 4.0 | 0.6 |
| 29 08 76 1020 | | .3 | | 15831 | 8 | | 35. | 18. | | | 17.0 | 7.0 | 0.6 |
| 30 09 76 1125 | | .3 | | 15848 | 9 | | 50. | 16. | | | 8.0 | 7.0 | 2.0 |
| 31 10 76 1030 | | .3 | | 15865 | 6 | | 700. | 32. | | | 1.0 | 11.0 | 1.2 |
| 28 11 76 1235 | | .3 | | 15882 | 4 | | 60. | 48. | | | 0.0 | 8.0 | 1.0 |
| 28 12 76 1000 | | .3 | | 15899 | 4 | | 800. | 100. | | | 0.0 | 2.0 | 1.8 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

80000.
430.*
35.

1200.
50.*
4.

23.0
6.3
0.0

11.0
6.3
2.0

2.0
1.3
0.6

NO OF SAMPLES

12

12

12

12

10

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 1040 | | .3 | | 0.177 | 0.075 | 0.380 | 1.010 | 0.026 | 0.299 | | 9.0 | | |
| 22 02 76 1020 | | .3 | | 0.150 | 0.045 | 0.520 | 1.070 | 0.195 | 0.230 | 678.0 | 9.3 | | |
| 21 03 76 1055 | | .3 | | 0.048 | 0.008 | 0.076 | 0.580 | 0.011 | 0.064 | 104.0 | 19.0 | | |
| 25 04 76 1000 | | .3 | | 0.048 | 0.006 | 0.024 | 0.660 | 0.013 | 0.092 | 162.0 | 12.0 | | |
| 24 05 76 1150 | | .3 | | | | | | | | | | | |
| 30 06 76 1415 | | .3 | | 0.058 | 0.022 | 0.048 | 0.380 | 0.002 | 0.005L | 385.0 | 5.0 | | |
| 27 07 76 1110 | | .3 | | 0.044 | 0.022 | 0.050 | 0.420 | 0.002 | 0.005L | 571.0 | 5.1 | | |
| 29 08 76 1020 | | .3 | | 0.038 | 0.011 | 0.046 | 0.760 | 0.003 | 0.005L | 730.0 | 5.9 | | |
| 30 09 76 1125 | | .3 | | 0.060 | 0.024 | 0.014 | 0.680 | 0.006 | 0.124 | 422.0 | 8.5 | | |
| 31 10 76 1030 | | .3 | | 0.128 | 0.089 | 0.260 | 0.700 | 0.005 | 0.090 | 537.0 | 11.0 | | |
| 28 11 76 1235 | | .3 | | 0.126 | 0.065 | 0.370 | 1.020 | 0.010 | 0.130 | 626.0 | 12.0 | | |
| 28 12 76 1000 | | .3 | | | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.177
0.088
0.038

0.089
0.037
0.006

0.520
0.179
0.014

1.070
0.728
0.380

0.195
0.027
0.002

0.299
0.104D
0.005

730.0
468.3
104.0

19.0
9.7
5.0

NO OF SAMPLES

10

10

10

10

10

10

9

10

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | 640 | | | 270.0 | | | | 7.50 | 1.30 | |
| 22 | 02 | 76 | 1020 | | | .3 | | 650 | 8.50 | 15.5 | | | | | 7.80 | 1.00 | |
| 21 | 03 | 76 | 1055 | | | .3 | | 840 | 9.00 | 24.0 | | | | | 7.50 | 1.20 | |
| 25 | 04 | 76 | 1000 | | | .3 | | 130 | 20.00 | 3.4 | 31.0 | | | | 7.50 | | 1.000 |
| 24 | 05 | 76 | 1150 | | | .3 | | 230 | 5.70 | 5.3 | 60.0 | | | | 7.82 | | 0.710 |
| 30 | 06 | 76 | 1415 | | | .3 | | | | | 90.0 | | | | 7.72 | | 0.260 |
| 27 | 07 | 76 | 1110 | | | .3 | | 530 | 3.00 | 45.0 | 160.0 | | | | 7.82 | | 0.160 |
| 29 | 08 | 76 | 1020 | | | .3 | | 750 | 1.90 | 7.4 | 250.0 | | | | 7.77 | | 0.080 |
| 30 | 09 | 76 | 1125 | | | .3 | | 870 | 3.60 | 8.3 | 385.0 | | | | 7.39 | | 0.500 |
| 31 | 10 | 76 | 1030 | | | .3 | | 560 | 7.00 | 8.7 | 19.5 | | | | 7.46 | | 0.580 |
| 28 | 11 | 76 | 1235 | | | .3 | | 720 | 9.00 | 16.0 | 250.0 | | | | 7.40 | | 0.820 |
| 28 | 12 | 76 | 1000 | | | .3 | | 790 | 15.00 | 16.0 | | | | | 7.06 | | 0.960 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

870
610
130

20.00
8.27
1.90

45.0
15.0
3.4

385.0
168.4
19.5

7.82
7.56
7.06

1.30
1.17
1.00

1.000
0.563
0.080

NO OF SAMPLES

11

10

10

9

12

3

9

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | 1.0L | | | | | | | | | |
| 22 | 02 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 21 | 03 | 76 | 1055 | | | .3 | | | | | | | | | | | |
| 25 | 04 | 76 | 1000 | | | .3 | | | | | | | | | | | |
| 24 | 05 | 76 | 1150 | | | .3 | | | | | | | | | | | |
| 30 | 06 | 76 | 1415 | | | .3 | | 100.0 | | | | | | | | | |
| 27 | 07 | 76 | 1110 | | | .3 | | | | | | | | | | | |
| 29 | 08 | 76 | 1020 | | | .3 | | | | | | | | | | | |
| 30 | 09 | 76 | 1125 | | | .3 | | 2.0 | | | | | | | | | |
| 31 | 10 | 76 | 1030 | | | .3 | | | | | | | | | | | |
| 28 | 11 | 76 | 1235 | | | .3 | | | | | | | | | | | |
| 28 | 12 | 76 | 1000 | | | .3 | | 2.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

100.0
26.30
1.0

NO OF SAMPLES

4

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 265 TOTAL ARSENIC MG/L | 235 TOTAL MERCURY UG/L | 203 TOTAL ALUMINUM MG/L | 221 TOTAL CHROMIUM MG/L | 225 TOTAL COPPER MG/L | 229 TOTAL LEAD MG/L | 215 TOTAL CADMIUM MG/L | 249 TOTAL ZINC MG/L | 201 TOTAL MN MG/L | 238 TOTAL NICKEL MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------------------|---------------------------------|----------------------------------|----------------------------------|--------------------------------|------------------------------|---------------------------------|------------------------------|----------------------------|--------------------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | 0.004 | | | | 0.030 | | | 0.150 | | 0.110 |
| 22 | 02 | 76 | 1020 | | | .3 | | 0.003 | | | | 0.010L | | | 0.050 | | 0.020L |
| 21 | 03 | 76 | 1055 | | | .3 | | 0.003 | | | | 0.020L | | | 0.080 | | 0.020 |
| 25 | 04 | 76 | 1000 | | | .3 | | 0.004 | | | | 0.040 | | | 0.200 | | 0.020L |
| 24 | 05 | 76 | 1150 | | | .3 | | 0.002 | | | | 0.020 | | | 0.030 | | 0.020L |
| 30 | 06 | 76 | 1415 | | | .3 | | 0.001 | | | | 0.030 | | | 0.010L | | 0.010 |
| 27 | 07 | 76 | 1110 | | | .3 | | 0.003 | | | | 0.020 | | | 0.010L | | 0.010 |
| 29 | 08 | 76 | 1020 | | | .3 | | 0.003 | | | | 0.020 | | | 0.010L | | 0.020 |
| 30 | 09 | 76 | 1125 | | | .3 | | 0.002 | | | | 0.060 | | | 0.060 | | 0.010L |
| 31 | 10 | 76 | 1030 | | | .3 | | 0.003 | | | | 0.020 | | | 0.040 | | 0.010L |
| 28 | 11 | 76 | 1235 | | | .3 | | 0.004 | | | | 0.010L | | | 0.070 | | 0.010L |
| 28 | 12 | 76 | 1000 | | | .3 | | 0.005 | | | | 0.010 | | | | | 0.010L |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.005
0.003
0.001

0.060
0.0240
0.010

0.200
0.0650
0.010

0.110
0.0230
0.010

NO OF SAMPLES

12

12

11

12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 60 FLUORIDE MG/L | 272 SIMPLE CYANIDE MG/L | 217 TOTAL COBALT MG/L | 451 RADIUM 226 DISS PCI/L | 452 GROSS*A* DISS PCI/L | 453 GROSS*A* UNDISS PCI/L | 454 GROSS*B* DISS PCI/L | 455 GROSS*B* UNDISS PCI/L | 456 URANIUM 238 UG/L | 934 SAMPLE NO |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|------------------------|----------------------------------|--------------------------------|------------------------------------|----------------------------------|------------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------|
| 25 | 01 | 76 | 1040 | | | .3 | | | | | | | | | | | 15712 |
| 22 | 02 | 76 | 1020 | | | .3 | | | | | | | | | | | 15729 |
| 21 | 03 | 76 | 1055 | | | .3 | | | | | | | | | | | 15746 |
| 25 | 04 | 76 | 1000 | | | .3 | | | | | | | | | | | 15763 |
| 24 | 05 | 76 | 1150 | | | .3 | | | | | | | | | | | 15780 |
| 30 | 06 | 76 | 1415 | | | .3 | | | | | | | | | | | 15797 |
| 27 | 07 | 76 | 1110 | | | .3 | | | | | | | | | | | 15814 |
| 29 | 08 | 76 | 1020 | | | .3 | | | | | | | | | | | 15831 |
| 30 | 09 | 76 | 1125 | | | .3 | | | | | | | | | | | 15848 |
| 31 | 10 | 76 | 1030 | | | .3 | | | | | | | | | | | 15865 |
| 28 | 11 | 76 | 1235 | | | .3 | | | | | | | | | | | 15882 |
| 28 | 12 | 76 | 1000 | | | .3 | | | | | | | | | | | 15899 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.01
0.010
0.01

NO OF SAMPLES

11

B.O.W. / SITE: ABITIBI RIVER
SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STATION ID: 19 0064-005-02

STORET CODE: 04
001
0230

| STN NO | 5 | LAT | LONG | U.T.M. 17 0523700.0 5402350.0 4 | REGION 05 | MILEAGE 231.80 | | | | | | | | |
|--------------------|------|-----|-------|---------------------------------|-----------|----------------|----------|----------|----------|----------|----------|---------|--------|-----------|
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 25 01 76 0830 | | | .3 | | 15709 | 4 | | 200. | 50. | | | 0 0 | 12.0 | 0.8 |
| 22 02 76 0805 | | | .3 | | 15726 | 4 | | 350. | 60. | | | 0 0 | 13.0 | 1.4 |
| 21 03 76 0820 | | | .3 | | 15743 | 9 | | 80000. | 1100. | | | 1 0 | 3 0 | 3 8 |
| 25 04 76 0815 | | | .3 | | 15760 | 9 | | 700. | 180. | | | 1 0 | 12 0 | 1 6 |
| 24 05 76 0940 | | | .3 | | 15777 | 9 | | 3100. | 180. | | | 6 0 | 10 0 | 1 2 |
| 30 06 76 1140 | | | .3 | | 15794 | 9 | | 5000. | 66. | | | 20 0 | 6 0 | 1 4 |
| 27 07 76 0920 | | | .3 | | 15811 | 9 | | 76000. | 2600. | | | 18 0 | 7 0 | 2 0 |
| 19 08 76 0835 | | | .3 | | 15828 | 9 | | 45000. | 1200. | | | 17 0 | 6 0 | 1 2 |
| 30 09 76 0945 | | | .3 | | 15845 | 9 | | 1000. | 390. | | | 10 0 | 7 0 | 4 0 |
| 31 10 76 0900 | | | .3 | | 15862 | 9 | | 5700. | 400. | | | 2 0 | 10 0 | 6 9 |
| 28 11 76 1010 | | | .3 | | 15879 | 9 | | 56000. | 4. | | | 1 0 | 11 0 | 2 5 |
| 28 12 76 0820 | | | .3 | | 15896 | 4 | | 1500. | 400. | | | 0 0 | 9 0 | 1 0 |
| MAXIMUM | | | | | | | | 80000. | 2600. | | | 20 0 | 13 0 | 6 9 |
| AVG OR GEOM MN (*) | | | | | | | | 4639. | 205. | | | 6 3 | 8 8 | 2 3 |
| MINIMUM | | | | | | | | 200. | 4. | | | 0 0 | 3 0 | 0 8 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | | | 12 | 12 | 12 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 25 01 76 0830 | | | .3 | | 0.090 | 0.061 | 0.080 | 0.560 | 0.028 | 0.257 | 98 0 | 7 0 | | 91 |
| 22 02 76 0805 | | | .3 | | 0.080 | 0.060 | 0.074 | 0.550 | 0.027 | 0.178 | 104 0 | 3 4 | | 101 |
| 21 03 76 0820 | | | .3 | | 0.080 | 0.048 | 0.060 | 0.580 | 0.028 | 0.162 | 125 0 | 14 0 | | |
| 25 04 76 0815 | | | .3 | | 0.066 | 0.018 | 0.020 | 0.680 | 0.014 | 0.126 | 98 0 | 39 0 | | |
| 24 05 76 0940 | | | .3 | | 0.046 | 0.021 | 0.022 | 0.540 | 0.013 | 0.102 | 88 0 | 23 0 | | 65 |
| 30 06 76 1140 | | | .3 | | 0.046 | 0.015 | 0.014 | 0.500 | 0.011 | 0.054 | 88 0 | 23 0 | | |
| 27 07 76 0920 | | | .3 | | 0.080 | 0.019 | 0.022 | 0.400 | 0.006 | 0.079 | 108 0 | 33 0 | | |
| 29 08 76 0835 | | | .3 | | 0.070 | 0.025 | 0.024 | 0.350 | 0.008 | 0.027 | 122 0 | 44 0 | | |
| 30 09 76 0945 | | | .3 | | 0.040 | 0.030 | 0.042 | 1.100 | 0.012 | 0.028 | 99 0 | 18 0 | | |
| 31 10 76 0900 | | | .3 | | 0.270 | 0.041 | 0.060 | 3.500 | 0.018 | 0.032 | 125 0 | 40 0 | | |
| 28 11 76 1010 | | | .3 | | 0.070 | 0.036 | 0.044 | 0.480 | 0.022 | 0.063 | 98 0 | 23 0 | | |
| 28 12 76 0820 | | | .3 | | 0.074 | 0.041 | 0.062 | 0.500 | 0.017 | 0.048 | 93 0 | 15 0 | | |
| MAXIMUM | | | | | 0.270 | 0.061 | 0.080 | 3.500 | 0.028 | 0.257 | 125 0 | 44 0 | | 101 |
| AVG OR GEOM MN (*) | | | | | 0.084 | 0.035 | 0.044 | 0.812 | 0.017 | 0.096 | 103 8 | 23 5 | | 86 |
| MINIMUM | | | | | 0.040 | 0.015 | 0.014 | 0.350 | 0.006 | 0.027 | 88 0 | 3 4 | | 65 |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | UMHOS | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 25 01 76 0830 | | | .3 | | 142 | 65.00 | 1.0 | | | | | 7.7 | | |
| 22 02 76 0805 | | | .3 | | 155 | 56.00 | 16.0 | | | | | 7.70 | | |
| 21 03 76 0820 | | | .3 | | 170 | 6.10 | 2.6 | | | | | | | |
| 25 04 76 0815 | | | .3 | | 90 | 42.00 | 1.4 | | | | | 8.30 | | |
| 24 05 76 0940 | | | .3 | | 100 | 26.00 | 1.5 | | | | | 7.41 | | |
| 30 06 76 1140 | | | .3 | | 102 | 23.00 | 1.1 | | | | | 7.05 | | |
| 27 07 76 0920 | | | .3 | | 114 | 43.00 | 1.5 | | | | | | | |
| 29 08 76 0835 | | | .3 | | 122 | 45.00 | 1.6 | | | | | 7.55 | | |
| 30 09 76 0945 | | | .3 | | 126 | 55.00 | 1.6 | | | | | 7.16 | | |
| 31 10 76 0900 | | | .3 | | 132 | 76.00 | 2.0 | | | | | | | |
| 28 11 76 1010 | | | .3 | | 114 | 78.00 | 2.0 | | | | | 7.80 | | |
| 28 12 76 0820 | | | .3 | | 119 | 80.00 | 1.7 | | | | | | | |
| MAXIMUM | | | | | 170 | 80.00 | 16.0 | | | | | 8.30 | | |
| AVG OR GEOM MN (*) | | | | | 124 | 49.59 | 2.8 | | | | | 7.58 | | |
| MINIMUM | | | | | 90 | 6.10 | 1.0 | | | | | 7.05 | | |
| NO OF SAMPLES | | | | | 12 | 12 | 12 | | | | | 8 | | |
| SAMP DTE HOUR | STN | STN | SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
| DY MO YR LMT | DIST | BRG | DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRIBLES |
| | | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | | MG/L |
| 25 01 76 0830 | | | .3 | | 1.0L | | | | | | | | | |
| 22 02 76 0805 | | | .3 | | 1.0L | | | | | | | | | |
| 21 03 76 0820 | | | .3 | | 5.0 | | | | | | | | | |
| 25 04 76 0815 | | | .3 | | 1.0 | | | | | | | | | |
| 24 05 76 0940 | | | .3 | | 1.0 | | | | | | | | | |
| 30 06 76 1140 | | | .3 | | 2.0 | | | | | | | | | |
| 27 07 76 0920 | | | .3 | | 1.0 | | | | | | | | | |
| 29 08 76 0835 | | | .3 | | 2.0 | | | | | | | | | |
| 30 09 76 0945 | | | .3 | | 3.0 | | | | | | | | | |
| 31 10 76 0900 | | | .3 | | 8.0 | | | | | | | | | |
| 28 11 76 1010 | | | .3 | | 1.0 | | | | | | | | | |
| 28 12 76 0820 | | | .3 | | 1.0 | | | | | | | | | |
| MAXIMUM | | | | | 8.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | 2.30 | | | | | | | | | |
| MINIMUM | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | 12 | | | | | | | | | |

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER FLOW GAUGE FED 04MCO01

STATION 10: 19-0064-006-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

| STN NO | | 6 | LAT | | LONG | | U.T.M. 17 0524325.0 5400950.0 4 | | | | | REGION 05 | | MILEAGE 232.00 | | |
|---------|--------|-------|----------|---------|------------|----|---------------------------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 25 01 | 76 | 0855 | | | .3 | | 15710 | 4 | 4850.00 | 10. | 0. | | | 0.0 | 12.0 | 1.0 |
| 22 02 | 76 | 0845 | | | .3 | | 15727 | 4 | 4870.00 | 10. | 0. | | | 0.0 | 12.0 | 1.0 |
| 21 03 | 76 | 0845 | | | .3 | | 15744 | 4 | 4860.00 | 70. | 0. | | | 0.0 | 11.0 | 4.6 |
| 25 04 | 76 | 0840 | | | .3 | | 15761 | 9 | 11000.00 | 400. | 36. | | | 1.0 | 12.0 | 1.6 |
| 24 05 | 76 | 1010 | | | .3 | | 15778 | 9 | 14700.00 | 770. | 6. | | | 6.0 | 10.0 | 0.4 |
| 30 06 | 76 | 1210 | | | .3 | | 15795 | 9 | 5000.00 | 80. | 24. | | | 22.0 | 7.0 | 0.4 |
| 27 07 | 76 | 0940 | | | .3 | | 15812 | 9 | 4930.00 | 540. | 22. | | | 19.0 | 7.0 | 0.8 |
| 29 08 | 76 | 0855 | | | .3 | | 15829 | 9 | 4840.00 | 200. | 50. | | | 16.0 | 7.0 | 0.2 |
| 30 09 | 76 | 1005 | | | .3 | | 15846 | 9 | 4880.00 | 35. | 30. | | | 10.0 | 8.0 | 3.6 |
| 31 10 | 76 | 0920 | | | .3 | | 15863 | 9 | 5060.00 | 30. | 2. | | | 2.0 | 11.0 | 1.1 |
| 28 11 | 76 | 1040 | | | .3 | | 15880 | 4 | 7220.00 | 8000. | 12. | | | 0.0 | 12.0 | 1.4 |
| 28 12 | 76 | 0835 | | | .3 | | 15897 | 4 | 7210.00 | 16. | 0. | | | 0.0 | 4.0 | 1.2 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

14700.00
6618.33
4840.00

8000.
108.*
10.

50.
6.*
0.

22.0
6.3
0.0

12.0
9.4
4.0

4.6
1.4
0.2

NO OF SAMPLES

12

12

12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 33 TOTAL MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|----------|---------|------------|----|---------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 25 01 | 76 | 0855 | | | .3 | | 0.102 | 0.063 | 0.090 | 0.980 | 0.037 | 0.868 | 172.0 | 19.0 | | 153 |
| 22 02 | 76 | 0845 | | | .3 | | 0.092 | 0.061 | 0.076 | 0.490 | 0.028 | 0.242 | 121.0 | 17.0 | | 104 |
| 21 03 | 76 | 0845 | | | .3 | | 0.104 | 0.031 | 0.044 | 0.720 | 0.020 | 0.270 | 166.0 | 20.0 | | |
| 25 04 | 76 | 0840 | | | .3 | | 0.074 | 0.017 | 0.018 | 0.560 | 0.013 | 0.107 | 111.0 | 52.0 | | |
| 24 05 | 76 | 1010 | | | .3 | | 0.036 | 0.022 | 0.022 | 0.480 | 0.012 | 0.118 | 79.0 | 14.0 | | 65 |
| 30 06 | 76 | 1210 | | | .3 | | 0.032 | 0.027 | 0.050 | 0.360 | 0.011 | 0.094 | 70.0 | 5.0 | | |
| 27 07 | 76 | 0940 | | | .3 | | 0.080 | 0.043 | 0.042 | 0.300 | 0.010 | 0.200 | 115.0 | 43.0 | | |
| 29 08 | 76 | 0855 | | | .3 | | 0.080 | 0.052 | 0.058 | 0.400 | 0.011 | 0.089 | 87.0 | 15.0 | | |
| 30 09 | 76 | 1005 | | | .3 | | 0.045 | 0.045 | 0.060 | 0.950 | 0.011 | 0.094 | 97.0 | 19.0 | | |
| 31 10 | 76 | 0920 | | | .3 | | 0.110 | 0.051 | 0.076 | 0.700 | 0.020 | 0.110 | 90.0 | 15.0 | | |
| 28 11 | 76 | 1040 | | | .3 | | 0.076 | 0.041 | 0.056 | 0.460 | 0.023 | 0.112 | 91.0 | 16.0 | | |
| 28 12 | 76 | 0835 | | | .3 | | 0.152 | 0.036 | 0.034 | 0.640 | 0.012 | 0.005L | 187.0 | 106.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.152
0.082
0.032

0.063
0.041
0.017

0.090
0.052
0.018

0.980
0.587
0.300

0.037
0.017
0.010

0.868
0.192D
0.005

187.0
115.5
70.0

106.0
28.4
5.0

153
107
65

NO OF SAMPLES

12

12

12

12

12

3

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|----------|---------|------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 25 01 | 76 | 0855 | | | .3 | | 235 | 67.00 | 2.0 | | | | | | 7.9 | |
| 22 02 | 76 | 0845 | | | .3 | | 160 | 63.00 | 1.5 | | | | | | 7.60 | |
| 21 03 | 76 | 0845 | | | .3 | | 155 | 5.30 | 8.0 | | | | | | | |
| 25 04 | 76 | 0840 | | | .3 | | 90 | 42.00 | 1.5 | | | | | | 8.00 | |
| 24 05 | 76 | 1010 | | | .3 | | 100 | 24.00 | 1.2 | | | | | | 7.53 | |
| 30 06 | 76 | 1210 | | | .3 | | 99 | 24.00 | 1.0 | | | | | | 7.49 | |
| 27 07 | 76 | 0940 | | | .3 | | 111 | 55.00 | 1.2 | | | | | | | |
| 29 08 | 76 | 0855 | | | .3 | | 110 | 50.00 | 1.4 | | | | | | 7.76 | |
| 30 09 | 76 | 1005 | | | .3 | | 120 | 60.00 | 1.6 | | | | | | 7.40 | |
| 31 10 | 76 | 0920 | | | .3 | | 116 | 74.00 | 1.6 | | | | | | | |
| 28 11 | 76 | 1040 | | | .3 | | 114 | 75.00 | 1.8 | | | | | | 7.60 | |
| 28 12 | 76 | 0835 | | | .3 | | 124 | 120.00 | 1.8 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

235
128
90

120.00
54.94
5.30

8.0
2.1
1.0

8.00
7.66
7.40

NO OF SAMPLES

12

12

12

8

| SAMP DY | DTE MO | HR YR | STN DIST | STN BRG | SAMP DEPTH | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESTUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM X MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|---------|--------|-------|----------|---------|------------|----|-----------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------|-------------------|------------------------|-------------|---------------------------|
| 25 01 | 76 | 0855 | | | .3 | | 1.0 | | | | | | | | | |
| 22 02 | 76 | 0845 | | | .3 | | 1.0L | | | | | | | | | |
| 21 03 | 76 | 0845 | | | .3 | | 2.0 | | | | | | | | | |
| 25 04 | 76 | 0840 | | | .3 | | 1.0 | | | | | | | | | |
| 24 05 | 76 | 1010 | | | .3 | | 2.0 | | | | | | | | | |
| 30 06 | 76 | 1210 | | | .3 | | 1.0L | | | | | | | | | |
| 27 07 | 76 | 0940 | | | .3 | | 1.0L | | | | | | | | | |
| 29 08 | 76 | 0855 | | | .3 | | 1.0 | | | | | | | | | |
| 30 09 | 76 | 1005 | | | .3 | | 6.0 | | | | | | | | | |
| 31 10 | 76 | 0920 | | | .3 | | 2.0 | | | | | | | | | |
| 28 11 | 76 | 1040 | | | .3 | | 1.0L | | | | | | | | | |
| 28 12 | 76 | 0835 | | | .3 | | 2.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

6.0
1.80
1.0

NO OF SAMPLES

12

708

B.O.W./ SITE: BLACK RIVER
 SAMPLE POINT: HIGHWAY 101 TOWN OF MATHESON
 STATION TYPE: RIVER

STATION ID: 19-0064-007-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

STN NO 7 LAT LONG U.T.M. 17 0539500.0 5376150.0 4 REGION 05 MILEAGE 262.70

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 0950 | | | .3 | | 15711 | 4 | | 60. | 10. | | | 0.0 | 6.0 | 0.6 |
| 22 | 02 | 76 | 0935 | | | .3 | | 15728 | 4 | | 35. | 2. | | | 0.0 | 10.0 | 1.2 |
| 21 | 03 | 76 | 1010 | | | .3 | | 15745 | 4 | | 85. | 4. | | | 0.0 | 12.0 | 0.6 |
| 25 | 04 | 76 | 0920 | | | .3 | | 15762 | 3 | | 175. | 16. | | | 1.0 | 12.0 | 1.4 |
| 24 | 05 | 76 | 1055 | | | .3 | | 15779 | 3 | | 25. | 12. | | | 7.0 | 12.0 | 0.8 |
| 30 | 06 | 76 | 1330 | | | .3 | | 15796 | 6 | | 20. | 0. | | | 23.0 | 7.0 | 0.8 |
| 27 | 07 | 76 | 1030 | | | .3 | | 15813 | 6 | | 105. | 24. | | | 18.0 | 7.0 | 0.4 |
| 29 | 08 | 76 | 0935 | | | .3 | | 15830 | 8 | | 9000. | 30. | | | 18.0 | 7.0 | 0.6 |
| 30 | 09 | 76 | 1045 | | | .3 | | 15847 | 6 | | 40. | 30. | | | 7.0 | 12.0 | 1.8 |
| 31 | 10 | 76 | 0950 | | | .3 | | 15864 | 6 | | 28. | 28. | | | 2.0 | 12.0 | 1.5 |
| 28 | 11 | 76 | 1130 | | | .3 | | 15881 | 4 | | 100. | 8. | | | 0.0 | 10.0 | 0.6 |
| 28 | 12 | 76 | 0920 | | | .3 | | 15898 | 4 | | 6. | 4. | | | 0.0 | 7.0 | 1.4 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

9000.
 68.*
 6.

NO OF SAMPLES

12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 0950 | | | .3 | | 0.020 | 0.019 | 0.055 | 0.350 | 0.028 | 0.117 | | | | |
| 22 | 02 | 76 | 0935 | | | .3 | | 0.019 | 0.017 | 0.052 | 0.260 | 0.006 | 0.109 | | | | |
| 21 | 03 | 76 | 1010 | | | .3 | | 0.024 | 0.009 | 0.084 | 0.360 | 0.009 | 0.146 | | | | |
| 25 | 04 | 76 | 0920 | | | .3 | | 0.074 | 0.015 | 0.044 | 0.500 | 0.011 | 0.064 | | | | |
| 24 | 05 | 76 | 1055 | | | .3 | | 0.027 | 0.009 | 0.020 | 0.490 | 0.008 | 0.017 | | | | |
| 30 | 06 | 76 | 1330 | | | .3 | | 0.026 | 0.020 | 0.050 | 0.510 | 0.009 | 0.006 | | | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 0.034 | 0.018 | 0.048 | 0.420 | 0.006 | 0.005L | | | | |
| 29 | 08 | 76 | 0935 | | | .3 | | 0.034 | 0.029 | 0.053 | 0.640 | 0.014 | 0.011 | | | | |
| 30 | 09 | 76 | 1045 | | | .3 | | 0.027 | 0.007 | 0.022 | 0.600 | 0.007 | 0.008 | | | | |
| 31 | 10 | 76 | 0950 | | | .3 | | 0.030 | 0.002 | 0.010 | 0.500 | 0.006 | 0.007 | | | | |
| 28 | 11 | 76 | 1130 | | | .3 | | 0.016 | 0.009 | 0.018 | 0.400 | 0.004 | 0.036 | | | | |
| 28 | 12 | 76 | 0920 | | | .3 | | 0.094 | 0.008 | 0.010 | 0.680 | 0.006 | 0.079 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.094
 0.035
 0.016

NO OF SAMPLES

12 12 12 12 12 12

| SAMP DY | DTE MO | HR YR | HR LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|-----------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 0950 | | | .3 | | 195 | 7.80 | 1.8 | | | | | | | |
| 22 | 02 | 76 | 0935 | | | .3 | | 215 | 8.10 | 7.7 | | | | | | | |
| 21 | 03 | 76 | 1010 | | | .3 | | 290 | 1.10 | 28.0 | | | | | | | |
| 25 | 04 | 76 | 0920 | | | .3 | | 60 | 35.00 | 1.1 | | | | | | | |
| 24 | 05 | 76 | 1055 | | | .3 | | 80 | 8.80 | 1.2 | | | | | | | |
| 30 | 06 | 76 | 1330 | | | .3 | | 123 | 7.90 | 1.2 | | | | | | | |
| 27 | 07 | 76 | 1030 | | | .3 | | 167 | 13.00 | 1.2 | | | | | | | |
| 29 | 08 | 76 | 0935 | | | .3 | | 140 | 14.00 | 1.4 | | | | | | | |
| 30 | 09 | 76 | 1045 | | | .3 | | 90 | 6.00 | 1.5 | | | | | | | |
| 31 | 10 | 76 | 0950 | | | .3 | | 122 | 6.50 | 1.9 | | | | | | | |
| 28 | 11 | 76 | 1130 | | | .3 | | 144 | 6.80 | 1.6 | | | | | | | |
| 28 | 12 | 76 | 0920 | | | .3 | | 182 | 42.00 | 3.6 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

290
 151
 60

NO OF SAMPLES

12 12 12

B.O.W. / SITE: MATTAWISHKWINIA RIVER
 SAMPLE POINT: HIGHWAY 11 TOWN OF HEARST
 STATION TYPE: RIVER

STATION ID: 19-0064-008-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

STN NO 8 LAT LONG U.T.M. 17 0310050.0 5506750.0 4 REGION 05 MILEAGE 214.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1200 | | | .3 | | 15700 | 4 | | 600. | 108. | | | 0.0 | 10.0 | 1.0 |
| 21 | 02 | 76 | 1120 | | | .3 | | 15717 | 4 | | 1200. | 150. | | | 0.0 | 11.0 | 3.6 |
| 20 | 03 | 76 | 1155 | | | .3 | | 15734 | 4 | | 1400. | 42. | | | 0.0 | 14.0 | 3.2 |
| 24 | 04 | 76 | 1110 | | | .3 | | 15751 | 3 | | 6000. | 14. | | | 2.0 | 12.0 | 1.8 |
| 23 | 05 | 76 | 1130 | | | .3 | | 15768 | 9 | | 2900. | 22. | | | 7.0 | 10.0 | 0.4 |
| 29 | 06 | 76 | 1900 | | | .3 | | 15785 | 5 | | 80000. | 3400. | | | 22.0 | 7.0 | 0.6 |
| 26 | 07 | 76 | 1715 | | | .3 | | 15802 | 9 | | 78000. | 260. | | | 21.0 | 7.0 | 1.4 |
| 28 | 08 | 76 | 1310 | | | .3 | | 15819 | 8 | | 150. | 90. | | | 21.0 | 8.0 | 1.6 |
| 29 | 09 | 76 | 1720 | | | .3 | | 15836 | 9 | | 4000. | 20. | | | 10.0 | 12.0 | 2.0 |
| 30 | 10 | 76 | 1540 | | | .3 | | 15853 | 5 9 | | 15000. | 80. | | | 4.0 | 12.0 | 2.5 |
| 27 | 11 | 76 | 1350 | | | .3 | | 15870 | 4 | | 7000. | 8. | | | 0.0 | 10.0 | 1.6 |
| 27 | 12 | 76 | 1320 | | | .3 | | 15887 | 4 | | 8600. | 72. | | | 0.0 | 9.0 | 1.6 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

80000.
 4444.
 150.

3400.
 71.
 8.

22.0
 7.3
 0.0

14.0
 10.2
 7.0

3.6
 1.8
 0.4

NO OF SAMPLES

12 12

12

12

12

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1200 | | | .3 | | 0.034 | 0.013 | 0.050 | 0.760 | 0.022 | 0.093 | 128.0 | 4.0 | | 124 |
| 21 | 02 | 76 | 1120 | | | .3 | | 0.087 | 0.029 | 0.110 | 1.080 | 0.009 | 0.146 | 193.0 | 19.0 | | |
| 20 | 03 | 76 | 1155 | | | .3 | | 0.112 | 0.019 | 0.034 | 1.280 | 0.023 | 0.427 | 73.0 | 27.0 | | |
| 24 | 04 | 76 | 1110 | | | .3 | | 0.048 | 0.007 | 0.040 | 0.620 | 0.007 | 0.013 | 69.0 | 23.0 | | |
| 23 | 05 | 76 | 1130 | | | .3 | | 0.017 | 0.006 | 0.014 | 0.530 | 0.006 | 0.005 | 50.0 | 4.2 | | |
| 29 | 06 | 76 | 1900 | | | .3 | | 0.023 | 0.013 | 0.034 | 0.590 | 0.008 | 0.007 | 73.0 | 5.5 | | |
| 26 | 07 | 76 | 1715 | | | .3 | | 0.140 | 0.045 | 0.032 | 1.100 | 0.008 | 0.007 | 207.0 | 70.0 | | |
| 28 | 08 | 76 | 1310 | | | .3 | | 0.068 | 0.037 | 0.112 | 1.320 | 0.021 | 0.005L | 113.0 | 12.0 | | |
| 29 | 09 | 76 | 1720 | | | .3 | | 0.045 | 0.019 | 0.108 | 1.250 | 0.007 | 0.008 | 126.0 | 9.1 | | |
| 30 | 10 | 76 | 1540 | | | .3 | | 0.018 | 0.011 | 0.002 | 0.120 | 0.004 | 0.006 | 129.0 | 4.5 | | |
| 27 | 11 | 76 | 1350 | | | .3 | | 0.028 | 0.005 | 0.010 | 0.640 | 0.004 | 0.006 | 130.0 | 9.6 | | |
| 27 | 12 | 76 | 1320 | | | .3 | | 0.026 | 0.016 | 0.076 | 0.880 | 0.007 | 0.008 | 141.0 | 7.8 | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.140
 0.054
 0.017

0.045
 0.018
 0.005

0.112
 0.052
 0.002

1.320
 0.848
 0.120

0.023
 0.011
 0.004

0.427
 0.061D
 0.005

207.0
 119.3
 50.0

70.0
 16.3
 4.0

124
 124
 124

NO OF SAMPLES

12

12

12

12

12

12

12

12

1

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1200 | | | .3 | | 190 | 3.10 | 1.0 | | | | | | | |
| 21 | 02 | 76 | 1120 | | | .3 | | 650 | 5.00 | 1.5 | | | | | | | |
| 20 | 03 | 76 | 1155 | | | .3 | | 72 | 5.40 | 6.0 | | | | | | | |
| 24 | 04 | 76 | 1110 | | | .3 | | 70 | 9.50 | 1.0 | | | | | | | |
| 23 | 05 | 76 | 1130 | | | .3 | | 70 | 3.50 | 0.8 | | | | | | | |
| 29 | 06 | 76 | 1900 | | | .3 | | 106 | 3.40 | 0.9 | | | | | | | |
| 26 | 07 | 76 | 1715 | | | .3 | | 210 | 57.00 | 9.0 | | | | | | | |
| 28 | 08 | 76 | 1310 | | | .3 | | 155 | 5.90 | 2.8 | | | | | | | |
| 29 | 09 | 76 | 1720 | | | .3 | | 180 | 7.00 | 2.7 | | | | | | | |
| 30 | 10 | 76 | 1540 | | | .3 | | 190 | 4.80 | 2.1 | | | | | | | |
| 27 | 11 | 76 | 1350 | | | .3 | | 185 | 7.60 | 1.8 | | | | | | | |
| 27 | 12 | 76 | 1320 | | | .3 | | 205 | 5.20 | 1.5 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

650
 190
 70

57.00
 9.78
 3.10

9.0
 2.6
 0.8

NO OF SAMPLES

12

12

12

B.O.W. / SITE: KAPUSKASING RIVER
 SAMPLE POINT: UPSTREAM FROM SPRUCE FALLS PAPER COMPANY
 STATION TYPE: RIVER FLOW GAUGE FED 04LF001

STATION ID: 19-0064-009-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: JAMES BAY SHORE

STORET CODE: 04
 001
 0230

STN NO 9 LAT LONG U.T.M. 17 0396000.0 5473400.0 4 REGION 05 MILEAGE 187.00

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 24 | 01 | 76 | 1400 | | | .3 | | 15703 | 4 | | 40. | 0. | | | 0.0 | 13.0 | 0.8 |
| 21 | 02 | 76 | 1355 | | | .3 | | 15720 | 4 | 555.00 | 120. | 0. | | | 0.0 | 13.0 | 1.4 |
| 20 | 03 | 76 | 1420 | | | .3 | | 15737 | 4 | 450.00 | 13000. | 10. | | | 0.0 | 11.0 | 0.8 |
| 24 | 04 | 76 | 1315 | | | .3 | | 15754 | 9 | 21400.00 | 165. | 0. | | | 3.0 | 13.0 | 1.6 |
| 23 | 05 | 76 | 1345 | | | .3 | | 15771 | 9 | 6140.00 | 15. | 2. | | | 7.0 | 8.0 | 0.6 |
| 29 | 06 | 76 | 2110 | | | .3 | | 15788 | 9 | 2130.00 | 40. | 0. | | | 22.0 | 8.0 | 0.6 |
| 26 | 07 | 76 | 1910 | | | .3 | | 15805 | 9 | 889.00 | 410. | 34. | | | 21.0 | 5.0 | 0.4 |
| 28 | 08 | 76 | 1515 | | | .3 | | 15822 | 9 | 540.00 | 125. | 80. | | | 22.0 | 5.0 | 0.4 |
| 29 | 09 | 76 | 2040 | | | .3 | | 15839 | 9 | | 60. | 14. | | | 10.0 | 7.0 | 1.6 |
| 30 | 10 | 76 | 1735 | | | .3 | | 15856 | 9 | 522.00 | 180. | 0. | | | 3.0 | 10.0 | 1.8 |
| 27 | 11 | 76 | 1555 | | | .3 | | 15873 | 4 | 244.00 | 1100. | 4. | | | 0.0 | 11.0 | 1.0 |
| 27 | 12 | 76 | 1510 | | | .3 | | 15890 | 4 | 272.00 | 300. | 0. | | | 0.0 | 4.0 | 0.6 |

| | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|----------|--------|-----|----|--|--|------|------|-----|
| MAXIMUM | | | | | | | | 21400.00 | 13000. | 80. | | | | 22.0 | 13.0 | 1.8 |
| AVG OR GEOM MN (*) | | | | | | | | 3314.20 | 180.* | 3.* | | | | 7.3 | 9.0 | 1.0 |
| MINIMUM | | | | | | | | 244.00 | 15. | 0. | | | | 0.0 | 4.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | 10 | 12 | 12 | | | | 12 | 12 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 24 | 01 | 76 | 1400 | | | .3 | | 0.038 | 0.025 | 0.020 | 0.420 | 0.007 | 0.118 | 102.0 | 1.5 | | 101 |
| 21 | 02 | 76 | 1355 | | | .3 | | 0.009 | 0.001 | 0.002L | 0.380 | 0.003 | 0.127 | 108.0 | 1.7 | | 107 |
| 20 | 03 | 76 | 1420 | | | .3 | | 0.061 | 0.018 | 0.106 | 0.620 | 0.023 | 0.627 | 98.0 | 20.0 | | |
| 24 | 04 | 76 | 1315 | | | .3 | | 0.058 | 0.006 | 0.018 | 0.580 | 0.007 | 0.043 | 97.0 | 52.0 | | |
| 23 | 05 | 76 | 1345 | | | .3 | | 0.014 | 0.002 | 0.010 | 0.450 | 0.005 | 0.010 | 71.0 | 6.0 | | 65 |
| 29 | 06 | 76 | 2110 | | | .3 | | 0.024 | 0.006 | 0.004 | 0.320 | 0.004 | 0.011 | 96.0 | 5.0 | | |
| 26 | 07 | 76 | 1910 | | | .3 | | 0.024 | 0.008 | 0.012 | 0.440 | 0.003 | 0.005L | 100.0 | 5.6 | | |
| 28 | 08 | 76 | 1515 | | | .3 | | 0.070 | 0.019 | 0.037 | 0.400 | 0.008 | 0.012 | 162.0 | 51.0 | | |
| 29 | 09 | 76 | 2040 | | | .3 | | 0.020 | 0.009 | 0.016 | 0.420 | 0.003 | 0.005L | 121.0 | 7.1 | | |
| 30 | 10 | 76 | 1735 | | | .3 | | 0.019 | 0.005 | 0.002 | 0.370 | 0.002 | 0.005L | 128.0 | 4.3 | | |
| 27 | 11 | 76 | 1555 | | | .3 | | 0.026 | 0.005 | 0.010 | 0.660 | 0.003 | 0.007 | 147.0 | 20.0 | | |
| 27 | 12 | 76 | 1510 | | | .3 | | 0.006 | 0.006 | 0.024 | 0.320 | 0.002 | 0.005L | 135.0 | 2.4 | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-------|-------|--------|-------|-------|--------|-------|------|--|-----|
| MAXIMUM | | | | | | | | 0.070 | 0.025 | 0.106 | 0.660 | 0.023 | 0.627 | 162.0 | 52.0 | | 107 |
| AVG OR GEOM MN (*) | | | | | | | | 0.031 | 0.009 | 0.022D | 0.448 | 0.006 | 0.081D | 113.8 | 14.7 | | 91 |
| MINIMUM | | | | | | | | 0.006 | 0.001 | 0.002 | 0.320 | 0.002 | 0.005 | 71.0 | 1.5 | | 65 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 24 | 01 | 76 | 1400 | | | .3 | | 155 | 1.40 | 1.0 | 8.0 | | | | | | |
| 21 | 02 | 76 | 1355 | | | .3 | | 165 | 1.10 | 1.4 | 9.0 | | | | | | |
| 20 | 03 | 76 | 1420 | | | .3 | | 122 | 21.00 | 4.4 | 7.5 | | | | | | |
| 24 | 04 | 76 | 1315 | | | .3 | | 80 | 25.00 | 0.7 | 6.5 | | | | | | |
| 23 | 05 | 76 | 1345 | | | .3 | | 100 | 3.30 | 0.5 | 7.0 | | | | | | |
| 29 | 06 | 76 | 2110 | | | .3 | | 138 | 3.30 | 0.6 | 7.0 | | | | | | |
| 26 | 07 | 76 | 1910 | | | .3 | | 146 | 3.70 | 0.6 | 6.5 | | | | | | |
| 28 | 08 | 76 | 1515 | | | .3 | | 170 | 30.00 | 0.8 | 7.0 | | | | | | |
| 29 | 09 | 76 | 2040 | | | .3 | | 175 | 5.00 | 17.0 | 6.0 | | | | | | |
| 30 | 10 | 76 | 1735 | | | .3 | | 190 | 4.00 | 0.6 | 6.0 | | | | | | |
| 27 | 11 | 76 | 1555 | | | .3 | | 194 | 4.00 | 1.8 | 10.0 | | | | | | |
| 27 | 12 | 76 | 1510 | | | .3 | | 203 | 1.00 | 0.9 | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|-----|-------|------|------|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 203 | 30.00 | 17.0 | 10.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 153 | 8.57 | 2.5 | 7.3 | | | | | | |
| MINIMUM | | | | | | | | 80 | 1.00 | 0.5 | 6.0 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 11 | | | | | | |

| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRABLES MG/L |
|------------|-----------|----------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|-------------------------------------|
| 24 | 01 | 76 | 1400 | | | .3 | | 1.0 | | | | | | | | | |
| 21 | 02 | 76 | 1355 | | | .3 | | 1.0L | | | | | | | | | |
| 20 | 03 | 76 | 1420 | | | .3 | | 4.0 | | | | | | | | | |
| 24 | 04 | 76 | 1315 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 1345 | | | .3 | | 1.0L | | | | | | | | | |
| 29 | 06 | 76 | 2110 | | | .3 | | 1.0 | | | | | | | | | |
| 26 | 07 | 76 | 1910 | | | .3 | | 3.0 | | | | | | | | | |
| 28 | 08 | 76 | 1515 | | | .3 | | 1.0L | | | | | | | | | |
| 29 | 09 | 76 | 2040 | | | .3 | | 3.0 | | | | | | | | | |
| 30 | 10 | 76 | 1735 | | | .3 | | 1.0 | | | | | | | | | |
| 27 | 11 | 76 | 1555 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 12 | 76 | 1510 | | | .3 | | 3.0 | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|
| MAXIMUM | | | | | | | | 4.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 1.8D | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | | | | | | | | | |

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: DOWNSTREAM FROM SPRUCE PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-010-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: JAMES BAY SHORE

STORET CODE: 04
001
0230

| STN NO | 10 | LAT | LONG | U.T.M. 17 0395150.0 5477950.0 4 | | | | | | | | | | REGION 05 | MILEAGE | 184.00 | |
|--------------------|--------|-------|------|---------------------------------|---------|-----------------|----|--------------------|-----------------------------|--------------------------|----------------------------|-------------------------------|-------------------------|------------------------|------------------------|---------------------|---------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1425 | | | .3 | | 15704 | 4 | | 40. | 6. | | | 0.0 | 14.0 | 0.6 |
| 21 | 02 | 76 | 1430 | | | .3 | | 15721 | 4 | | 3400. | 300. | | | 0.0 | 10.0 | 22.0 |
| 20 | 03 | 76 | 1515 | | | .3 | | 15738 | 4 | | 20000. | 8000. | | | 0.0 | 9.0 | 80.0 |
| 24 | 04 | 76 | 1340 | | | .3 | | 15755 | 3 9 | | 400. | 16. | | | 3.0 | 12.0 | 1.8 |
| 23 | 05 | 76 | 1410 | | | .3 | | 15772 | 9 0 | | 50. | 12. | | | 7.0 | 10.0 | 2.6 |
| 29 | 06 | 76 | 2130 | | | .3 | | 15789 | 9 0 | | 3000. | 6. | | | 22.0 | 6.0 | 3.6 |
| 26 | 07 | 76 | 1935 | | | .3 | | 15806 | 9 0 | | 1200. | 132. | | | 22.0 | 3.0 | 5.5 |
| 28 | 08 | 76 | 1550 | | | .3 | | 15823 | 9 0 | | 80000. | 4500. | | | 23.0 | 0.0 | 67.0 |
| 29 | 09 | 76 | 2100 | | | .3 | | 15840 | 0 9 | | 26000. | 4500. | | | 11.0 | 6.0 | 110.0 |
| 30 | 10 | 76 | 1755 | | | .3 | | 15857 | 0 9 | | 80000. | 80000. | | | 5.0 | 5.0 | 30.0 |
| 27 | 11 | 76 | 1615 | | | .3 | | 15874 | 0 9 | | 80000. | 8000. | | | 1.0 | 2.0 | 100.0 |
| 27 | 12 | 76 | 1530 | | | .3 | | 15891 | 4 | | 6600. | 1000. | | | 0.0 | 1.0 | 100.0 |
| MAXIMUM | | | | | | | | | | | 80000. | 80000. | | | 23.0 | 14.0 | 110.0 |
| AVG OR GEOM MN (*) | | | | | | | | | | | 4008.* | 418.* | | | 7.8 | 6.5 | 43.6 |
| MINIMUM | | | | | | | | | | | 40. | 6. | | | 0.0 | 0.0 | 0.6 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 | 01 | 76 | 1425 | | | .3 | | 0.064 | 0.047 | 0.020 | 0.430 | 0.005 | 0.110 | 105.0 | 1.3 | | 104 |
| 21 | 02 | 76 | 1430 | | | .3 | | 0.000 | 0.000 | 0.012 | 0.630 | 0.006 | 0.005 | 156.0 | 13.0 | | 143 |
| 20 | 03 | 76 | 1515 | | | .3 | | 0.200 | 0.015 | 0.070 | 1.250 | 0.015 | 0.005L | 261.0 | 108.0 | | |
| 24 | 04 | 76 | 1340 | | | .3 | | 0.036 | 0.003 | 0.006 | 0.560 | 0.006 | 0.005L | 79.0 | 14.0 | | |
| 23 | 05 | 76 | 1410 | | | .3 | | 0.016 | 0.003 | 0.004 | 0.500 | 0.004 | 0.005L | 78.0 | 9.6 | | 68 |
| 29 | 06 | 76 | 2130 | | | .3 | | 0.042 | 0.009 | | 0.640 | 0.004 | 0.005L | 80.0 | 15.0 | | |
| 26 | 07 | 76 | 1935 | | | .3 | | 0.050 | 0.007 | | 0.750 | 0.004 | 0.005L | 133.0 | 16.0 | | |
| 28 | 08 | 76 | 1550 | | | .3 | | 0.170 | 0.053 | 0.106 | 1.800 | 0.016 | 0.039 | 235.0 | 43.0 | | |
| 29 | 09 | 76 | 2100 | | | .3 | | 0.190 | 0.008 | 0.002 | 2.100 | 0.007 | 0.005L | 203.0 | 18.0 | | |
| 30 | 10 | 76 | 1755 | | | .3 | | 0.255 | 0.008 | 0.018 | 1.450 | 0.006 | 0.005L | 217.0 | 22.0 | | |
| 27 | 11 | 76 | 1615 | | | .3 | | 3.970 | 2.300 | 10.300 | 22.000 | 0.010 | 0.030 | 867.0 | 148.0 | | |
| 27 | 12 | 76 | 1530 | | | .3 | | 0.144 | 0.015 | 0.070 | 1.260 | 0.001 | 0.005L | 261.0 | 27.0 | | |
| MAXIMUM | | | | | | | | 3.970 | 2.300 | 10.300 | 22.000 | 0.016 | 0.110 | 867.0 | 148.0 | | 143 |
| AVG OR GEOM MN (*) | | | | | | | | 0.428 | 0.206 | 1.061 | 2.781 | 0.007 | 0.0190 | 222.9 | 36.2 | | 105 |
| MINIMUM | | | | | | | | 0.000 | 0.000 | 0.002 | 0.430 | 0.001 | 0.005 | 78.0 | 1.3 | | 68 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 10 | 12 | 12 | 12 | 12 | 12 | | 3 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 | 01 | 76 | 1425 | | | .3 | | 160 | 1.20 | 1.0 | 7.5 | | | | | | |
| 21 | 02 | 76 | 1430 | | | .3 | | 220 | 5.20 | 2.2 | 29.5 | | | | | | |
| 20 | 03 | 76 | 1515 | | | .3 | | 235 | 33.00 | 8.1 | 30.0 | | | | | | |
| 24 | 04 | 76 | 1340 | | | .3 | | 100 | 12.00 | 1.0 | 11.0 | | | | | | |
| 23 | 05 | 76 | 1410 | | | .3 | | 105 | 4.10 | 1.2 | 6.5 | | | | | | |
| 29 | 06 | 76 | 2130 | | | .3 | | 160 | 2.50 | 2.3 | 18.0 | | | | | | |
| 26 | 07 | 76 | 1935 | | | .3 | | 180 | 7.00 | 3.9 | 15.0 | | | | | | |
| 28 | 08 | 76 | 1550 | | | .3 | | 295 | 20.00 | 22.5 | 26.0 | | | | | | |
| 29 | 09 | 76 | 2100 | | | .3 | | 285 | 16.00 | 1.1 | 36.5 | | | | | | |
| 30 | 10 | 76 | 1755 | | | .3 | | 300 | 9.40 | 15.5 | 31.0 | | | | | | |
| 27 | 11 | 76 | 1615 | | | .3 | | 1090 | 66.00 | 150.0 | 68.0 | | | | | | |
| 27 | 12 | 76 | 1530 | | | .3 | | 360 | 21.00 | 16.5 | | | | | | | |
| MAXIMUM | | | | | | | | 1090 | 66.00 | 150.0 | 68.0 | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 291 | 16.45 | 18.8 | 25.4 | | | | | | |
| MINIMUM | | | | | | | | 100 | 1.20 | 1.0 | 6.5 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 11 | | | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
| 24 | 01 | 76 | 1425 | | | .3 | | 1.0 | | | | | | | | | |
| 21 | 02 | 76 | 1430 | | | .3 | | 5.0 | | | | | | | | | |
| 20 | 03 | 76 | 1515 | | | .3 | | 12.0 | | | | | | | | | |
| 24 | 04 | 76 | 1340 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 1410 | | | .3 | | 2.0 | | | | | | | | | |
| 29 | 06 | 76 | 2130 | | | .3 | | 2.0 | | | | | | | | | |
| 26 | 07 | 76 | 1935 | | | .3 | | 13.0 | | | | | | | | | |
| 28 | 08 | 76 | 1550 | | | .3 | | 40.0 | | | | | | | | | |
| 29 | 09 | 76 | 2100 | | | .3 | | 21.0 | | | | | | | | | |
| 30 | 10 | 76 | 1755 | | | .3 | | 21.0 | | | | | | | | | |
| 27 | 11 | 76 | 1615 | | | .3 | | | | | | | | | | | |
| 27 | 12 | 76 | 1530 | | | .3 | | 22.0 | | | | | | | | | |
| MAXIMUM | | | | | | | | 40.0 | | | | | | | | | |
| AVG OR GEOM MN (*) | | | | | | | | 12.70 | | | | | | | | | |
| MINIMUM | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | | | | | | | | | |

H.O.W. / SITE: MATTAGAMI RIVER
 SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY SMOOTH ROCK
 STATION TYPE: RIVER

STATION ID: 19-0664-011-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

| STN NO | 11 | LAT | LONG | U.T.M. 17 0453550.0 5458150.0 4 | REGION 05 | MILEAGE | 197.50 | | | | | | | | | | |
|---------------|-----------|----------|------|---------------------------------|--------------------|-----------------------|--------|----------------------------|--------------------------------------|-----------------------------------|-------------------------------------|--|----------------------------------|---------------------------------|---------------------------------|------------------------------|-------------------------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 914 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1705 | | | .3 | | 15707 | 4 | | 350. | 50. | | | 0.0 | 10.0 | 0.6 |
| 21 | 02 | 76 | 1705 | | | .3 | | 15724 | 4 | | 90. | 8. | | | 0.0 | 12.0 | 1.8 |
| 20 | 03 | 76 | 1700 | | | .3 | | 15741 | 4 | | 8000. | 64. | | | 0.0 | 2.0 | 1.0 |
| 24 | 04 | 76 | 1525 | | | .3 | | 15758 | 9 | | 370. | 32. | | | 1.0 | 13.0 | 1.4 |
| 23 | 05 | 76 | 1625 | | | .3 | | 15775 | 9 | | 75. | 2. | | | 5.0 | 10.0 | 0.8 |
| 30 | 06 | 76 | 0945 | | | .3 | | 15792 | 9 | | 10. | 0. | | | 20.0 | 6.0 | 1.2 |
| 27 | 07 | 76 | 0730 | | | .3 | | 15809 | 9 | | 185. | 10. | | | 20.0 | 8.0 | 0.4 |
| 28 | 08 | 76 | 1735 | | | .3 | | 15826 | 9 | | 10. | 10. | | | 22.0 | 6.0 | 0.6 |
| 30 | 09 | 76 | 0805 | | | .3 | | 15843 | 9 | | 10. | 4. | | | 9.0 | 7.0 | 4.0 |
| 31 | 10 | 76 | 0725 | | | .3 | | 15860 | 9 | | 15. | 4. | | | 2.0 | 9.0 | 0.8 |
| 28 | 11 | 76 | 0800 | | | .3 | | 15877 | 4 | | 8000. | 210. | | | 0.0 | 18.0 | 1.2 |
| 27 | 12 | 76 | 1700 | | | .3 | | 15894 | 4 | | 28. | 0. | | | 0.0 | 5.0 | 1.0 |
| | | | | | | | | | | | 80000. | 210. | | | 22.0 | 18.0 | 4.0 |
| | | | | | | | | | | | 137.* | 10.* | | | 6.6 | 8.8 | 1.2 |
| | | | | | | | | | | | 10. | 0. | | | 0.0 | 2.0 | 0.4 |
| NO OF SAMPLES | | | | | | | | | | | 12 | 12 | | | 12 | 12 | 12 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
| 24 | 01 | 76 | 1705 | | | .3 | | 0.021 | 0.009 | 0.030 | 0.750 | 0.015 | 0.115 | 66.0 | 1.8 | | 85 |
| 21 | 02 | 76 | 1705 | | | .3 | | 0.017 | 0.005 | 0.002L | 0.340 | 0.002 | 0.078 | 79.0 | 1.9 | | 78 |
| 20 | 03 | 76 | 1700 | | | .3 | | 0.024 | 0.002 | 0.004 | 0.390 | 0.006 | 0.164 | 409.0 | 3.5 | | |
| 24 | 04 | 76 | 1525 | | | .3 | | 0.044 | 0.006 | 0.014 | 0.480 | 0.009 | 0.041 | 82.0 | 30.0 | | |
| 23 | 05 | 76 | 1625 | | | .3 | | 0.017 | 0.006 | 0.018 | 0.290 | 0.006 | 0.019 | 59.0 | 7.3 | | 52 |
| 30 | 06 | 76 | 0945 | | | .3 | | 0.091 | 0.077 | 0.370 | 0.820 | 0.011 | 0.005L | 85.0 | 10.0 | | |
| 27 | 07 | 76 | 0730 | | | .3 | | 0.024 | 0.005 | 0.020 | 0.380 | 0.002 | 0.005L | 82.0 | 3.5 | | |
| 28 | 08 | 76 | 1735 | | | .3 | | 0.024 | 0.008 | 0.040 | 0.360 | 0.003 | 0.005L | 90.0 | 5.2 | | |
| 30 | 09 | 76 | 0805 | | | .3 | | 0.308 | 0.004 | 0.008 | 2.280 | 0.002 | 0.005L | 108.0 | 10.0 | | |
| 31 | 10 | 76 | 0725 | | | .3 | | 0.023 | 0.008 | 0.010 | 0.410 | 0.004 | 0.016 | 81.0 | 2.7 | | |
| 28 | 11 | 76 | 0800 | | | .3 | | 0.018 | 0.014 | 0.050 | 0.680 | 0.008 | 0.077 | 260.0 | 3.1 | | |
| 27 | 12 | 76 | 1700 | | | .3 | | 0.056 | 0.042 | 0.134 | 0.880 | 0.017 | 0.073 | 100.0 | 2.2 | | |
| | | | | | | | | 0.308 | 0.077 | 0.370 | 2.280 | 0.017 | 0.164 | 409.0 | 30.0 | | 85 |
| | | | | | | | | 0.056 | 0.016 | 0.0580 | 0.672 | 0.007 | 0.0500 | 126.8 | 6.8 | | 72 |
| | | | | | | | | 0.017 | 0.002 | 0.002 | 0.290 | 0.002 | 0.005 | 59.0 | 1.8 | | 52 |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | | 3 |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 14 COND 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
| 24 | 01 | 76 | 1705 | | | .3 | | 130 | 2.10 | 3.0 | 7.5 | | | | | | |
| 21 | 02 | 76 | 1705 | | | .3 | | 120 | 1.80 | 2.3 | 10.5 | | | | | | |
| 20 | 03 | 76 | 1700 | | | .3 | | 700 | 2.80 | 7.5 | 13.0 | | | | | | |
| 24 | 04 | 76 | 1525 | | | .3 | | 80 | 25.00 | 2.1 | 31.0 | | | | | | |
| 23 | 05 | 76 | 1625 | | | .3 | | 80 | 4.70 | 1.2 | 6.0 | | | | | | |
| 30 | 06 | 76 | 0945 | | | .3 | | 114 | 4.00 | 1.2 | 10.0 | | | | | | |
| 27 | 07 | 76 | 0730 | | | .3 | | 121 | 3.50 | 1.1 | 7.0 | | | | | | |
| 28 | 08 | 76 | 1735 | | | .3 | | 131 | 2.40 | 1.1 | 9.5 | | | | | | |
| 30 | 09 | 76 | 0805 | | | .3 | | 150 | 4.40 | 80.0 | 8.0 | | | | | | |
| 31 | 10 | 76 | 0725 | | | .3 | | 118 | 3.60 | 1.1 | 8.0 | | | | | | |
| 28 | 11 | 76 | 0800 | | | .3 | | 395 | 3.00 | 42.5 | 26.0 | | | | | | |
| 27 | 12 | 76 | 1700 | | | .3 | | 150 | 1.20 | 2.1 | | | | | | | |
| | | | | | | | | 700 | 25.00 | 80.0 | 31.0 | | | | | | |
| | | | | | | | | 191 | 4.88 | 12.1 | 12.4 | | | | | | |
| | | | | | | | | 80 | 1.20 | 1.1 | 6.0 | | | | | | |
| NO OF SAMPLES | | | | | | | | 12 | 12 | 12 | 11 | | | | | | |
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG MTRS | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRIBLES MG/L |
| 24 | 01 | 76 | 1705 | | | .3 | | 1.0L | | | | | | | | | |
| 21 | 02 | 76 | 1705 | | | .3 | | 1.0 | | | | | | | | | |
| 20 | 03 | 76 | 1700 | | | .3 | | 3.0 | | | | | | | | | |
| 24 | 04 | 76 | 1525 | | | .3 | | 1.0L | | | | | | | | | |
| 23 | 05 | 76 | 1625 | | | .3 | | 1.0L | | | | | | | | | |
| 30 | 06 | 76 | 0945 | | | .3 | | 1.0L | | | | | | | | | |
| 27 | 07 | 76 | 0730 | | | .3 | | 4.0 | | | | | | | | | |
| 28 | 08 | 76 | 1735 | | | .3 | | 2.0 | | | | | | | | | |
| 30 | 09 | 76 | 0805 | | | .3 | | 4.0 | | | | | | | | | |
| 31 | 10 | 76 | 0725 | | | .3 | | 3.0 | | | | | | | | | |
| 28 | 11 | 76 | 0800 | | | .3 | | | | | | | | | | | |
| 27 | 12 | 76 | 1700 | | | .3 | | 1.0 | | | | | | | | | |
| | | | | | | | | 4.0 | | | | | | | | | |
| | | | | | | | | 2.00 | | | | | | | | | |
| | | | | | | | | 1.0 | | | | | | | | | |
| NO OF SAMPLES | | | | | | | | 11 | | | | | | | | | |

B.O.W./ SITE: MATTAGAMI RIVER

SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER SMOOTH ROCK

STATION TYPE: RIVER FLOW GAUGE FED 04LB001

STATION ID: 19-0064-012-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO

MINOR BASIN: JAMES BAY SHORE

TERM STREAM: MOOSE RIVER

STORÉT CODE: 04

001

0230

| STN NO | 12 | LAT | LONG | U.T.M. 17 0453550.0 5460050.0 4 | | | | | | REGION 05 | MILEAGE | 196.50 | | |
|---------------|----------|---------|------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|--------------|------------------|
| SAMP DTE HOUR | STN DIST | STN BRG | SAMP DEPTH | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. MG/L | 1 5-DAY BOD MG/L |
| 24 01 76 1740 | | | | .3 | 15708 | 4 | 2090.00 | 320. | 60. | | | 0.0 | 13.0 | 0.8 |
| 21 02 76 1740 | | | | .3 | 15725 | 9 | 1980.00 | 55. | 8. | | | 3.0 | 8.0 | 24.0 |
| 20 03 76 1725 | | | | .3 | 15742 | 9 0 | 2020.00 | 80000. | 8000. | | | 5.0 | 8.0 | 32.0 |
| 24 04 76 1545 | | | | .3 | 15759 | 3 9 | 22800.00 | 5000. | 900. | | | 2.0 | 12.0 | 14.0 |
| 23 05 76 1555 | | | | .3 | 15776 | 0 9 3 | 10200.00 | 52000. | 500. | | | 8.0 | 10.0 | 14.0 |
| 30 06 76 1010 | | | | .3 | 15793 | 9 0 | 2080.00 | 30. | 0. | | | 25.0 | 4.0 | 24.0 |
| 27 07 76 0750 | | | | .3 | 15810 | 0 9 | 2090.00 | 2700. | 210. | | | 24.0 | 4.0 | 40.0 |
| 28 08 76 1800 | | | | .3 | 15827 | 9 0 | 1090.00 | 7000. | 250. | | | 22.0 | 3.0 | 4.4 |
| 30 09 76 0830 | | | | .3 | 15844 | 9 0 | 1250.00 | 200. | 2. | | | 11.0 | 7.0 | 22.0 |
| 31 10 76 0745 | | | | .3 | 15861 | 9 | 1080.00 | 78. | 78. | | | 1.0 | 11.0 | 1.4 |
| 28 11 76 0878 | | | | .3 | 15878 | 4 9 0 | 1010.00 | 15000. | 8000. | | | 0.0 | 0.0 | 85.0 |
| 27 12 76 1725 | | | | .3 | 15895 | 0 9 | 1490.00 | 6. | 0. | | | 5.0 | 8.0 | 110.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

22800.00
4098.33
1010.00

80000.
902.*
6.

8000.
83.*
0.

25.0
8.8
0.0

13.0
7.3
0.0

110.0
31.0
0.8

NO OF SAMPLES

12

12

12

12

12

12

| SAMP DTE HOUR | STN | STN SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | MTRS | | P | REACTIVE | AMMONIA | KUELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 01 76 1740 | | | .3 | 0.057 | 0.004 | 0.010 | 0.420 | 0.005 | 0.005L | 84.0 | 3.0 | | 81 |
| 21 02 76 1740 | | | .3 | 0.090 | 0.012 | 0.002L | 0.900 | 0.011 | 0.009 | 252.0 | 60.0 | | 192 |
| 20 03 76 1725 | | | .3 | 0.125 | 0.020 | 0.050 | 1.000 | 0.030 | 0.005L | 275.0 | 15.0 | | |
| 24 04 76 1545 | | | .3 | 0.102 | 0.009 | 0.002L | 0.680 | 0.007 | 0.005L | 146.0 | 65.0 | | |
| 23 05 76 1555 | | | .3 | 0.050 | 0.020 | 0.018 | 0.650 | 0.018 | 0.007 | 195.0 | 23.0 | | 172 |
| 30 06 76 1010 | | | .3 | 0.040 | 0.004 | 0.002L | 0.400 | 0.003 | 0.005L | 388.0 | 28.0 | | |
| 27 07 76 0750 | | | .3 | 0.100 | 0.042 | 0.052 | 0.800 | 0.037 | 0.028 | 572.0 | 12.0 | | |
| 28 08 76 1800 | | | .3 | 0.090 | 0.015 | 0.002 | 0.600 | 0.009 | 0.006 | 234.0 | 19.0 | | |
| 30 09 76 0830 | | | .3 | 0.108 | 0.006 | 0.014 | 0.610 | 0.008 | 0.005L | 288.0 | 21.0 | | |
| 31 10 76 0745 | | | .3 | 0.020 | 0.004 | 0.002 | 0.360 | 0.005 | 0.005 | 95.0 | 3.8 | | |
| 28 11 76 0878 | | | .3 | 0.700 | 0.009 | 0.012 | 3.850 | 0.005 | 0.005 | 2087.0 | 1428.0 | | |
| 27 12 76 1725 | | | .3 | 0.146 | 0.025 | | 1.240 | 0.016 | 0.010 | 442.0 | 46.0 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.700
0.136
0.020

0.042
0.014
0.004

0.052
0.015D
0.002

3.850
0.959
0.360

0.037
0.013
0.003

0.028
0.008D
0.005

2087.0
421.5
84.0

1428.0
143.7
3.0

192

148

81

NO OF SAMPLES

12

12

11

12

12

12

12

12

12

3

| SAMP DTE HOUR | STN | STN SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | UMHOS | UNITS | | | SI | | MG/L | | MG/L | MG/L |
| 24 01 76 1740 | | | .3 | 126 | 1.60 | 1.0 | 8.5 | | | | | | |
| 21 02 76 1740 | | | .3 | 295 | 8.50 | 2.7 | 80.0 | | | | | | |
| 20 03 76 1725 | | | .3 | 400 | 7.60 | 27.5 | 25.0 | | | | | | |
| 24 04 76 1545 | | | .3 | 125 | 27.00 | 2.4 | 9.5 | | | | | | |
| 23 05 76 1555 | | | .3 | 265 | 4.50 | 49.0 | 13.0 | | | | | | |
| 30 06 76 1010 | | | .3 | 460 | 6.90 | 4.8 | 40.0 | | | | | | |
| 27 07 76 0750 | | | .3 | 790 | 3.10 | 180.0 | 31.0 | | | | | | |
| 28 08 76 1800 | | | .3 | 330 | 3.00 | 42.5 | 19.0 | | | | | | |
| 30 09 76 0830 | | | .3 | 410 | 5.00 | | 47.5 | | | | | | |
| 31 10 76 0745 | | | .3 | 142 | 4.00 | 2.9 | 9.0 | | | | | | |
| 28 11 76 0878 | | | .3 | 1090 | 130.00 | 65.0 | 8.5 | | | | | | |
| 27 12 76 1725 | | | .3 | 480 | 27.00 | 42.5 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1090
409
125

130.00
19.02
1.60

180.0
38.2
1.0

80.0
26.5
8.5

NO OF SAMPLES

12

12

11

11

| SAMP DTE HOUR | STN | STN SAMP | PJ | 25 | 76 | 72 | 74 | 68 | 67 | 66 | 47 | 41 | 361 |
|---------------|------|-----------|----|---------|----------|---------|----------|--------|---------|--------|---------|------|----------|
| DY MO YR LMT | DIST | BRG DEPTH | | PHENOLS | CALCUL | TOTAL | TOT. MAG | COLOUR | PTSSIUM | SODIUM | ORGANIC | COD | SOLVENT |
| | FEET | MTRS | | UG/L | HARDNESS | CALCIUM | NESIUM | HAZEN | K | NA | C AS C | MG/L | EXTRBLES |
| | | | | | MG/L | MG/L | MG/L | UNITS | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 01 76 1740 | | | .3 | 1.0L | | | | | | | | | |
| 21 02 76 1740 | | | .3 | 700.0 | | | | | | | | | |
| 20 03 76 1725 | | | .3 | 600.0 | | | | | | | | | |
| 24 04 76 1545 | | | .3 | 1.0L | | | | | | | | | |
| 23 05 76 1555 | | | .3 | 400.0 | | | | | | | | | |
| 30 06 76 1010 | | | .3 | 500.0 | | | | | | | | | |
| 27 07 76 0750 | | | .3 | 800.0 | | | | | | | | | |
| 28 08 76 1800 | | | .3 | 115.0 | | | | | | | | | |
| 30 09 76 0830 | | | .3 | 250.0 | | | | | | | | | |
| 31 10 76 0745 | | | .3 | 3.0 | | | | | | | | | |
| 28 11 76 0878 | | | .3 | | | | | | | | | | |
| 27 12 76 1725 | | | .3 | 1040.0 | | | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

1040.0
400.9D
1.0

NO OF SAMPLES

11

B.O.W./ SITE: MISSINAIBI RIVER
 SAMPLE POINT: HIGHWAY 11 MATTICE
 STATION TYPE: RIVER

STATION ID: 19-0064-013-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

STN NO 13 LAT LONG U.T.M. 17 0336150.0 5498000.0 4 REGION 05 MILEAGE 201.50

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
|---------------|------|-----|-------|----|--------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | MG/L | BOD |
| | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | | MG/L |
| 24 01 76 1235 | | | .3 | | 15701 | 4 | 540.00 | 15. | 14. | | | 0.0 | 14.0 | 0.6 |
| 21 02 76 1145 | | | .3 | | 15718 | 4 | 477.00 | 125. | 76. | | | 0.0 | 13.0 | 1.4 |
| 20 03 76 1230 | | | .3 | | 15735 | 4 | 505.00 | 900. | 0. | | | 0.0 | 9.0 | 0.6 |
| 24 04 76 1150 | | | .3 | | 15752 | 3 9 | 36900.00 | 115. | 12. | | | 3.0 | 13.0 | 1.0 |
| 23 05 76 1215 | | | .3 | | 15769 | 6 | 6850.00 | 195. | 2. | | | 7.0 | 11.0 | 0.4 |
| 29 06 76 1950 | | | .3 | | 15786 | 6 | 2860.00 | 110. | 2. | | | 22.0 | 8.0 | 0.4 |
| 26 07 76 1750 | | | .3 | | 15803 | 6 | 1340.00 | 230. | 50. | | | 22.0 | 9.0 | 0.4 |
| 28 08 76 1345 | | | .3 | | 15820 | 5 | 237.00 | 14. | 14. | | | 23.0 | 10.0 | 0.6 |
| 29 09 76 1815 | | | .3 | | 15837 | 6 | 191.00 | 80000. | 8000. | | | 9.0 | 11.0 | 1.0 |
| 30 10 76 1615 | | | .3 | | 15854 | 6 | 338.00 | 50. | 6. | | | 3.0 | 12.0 | 0.9 |
| 27 11 76 1435 | | | .3 | | 15871 | 4 | 259.00 | 120. | 0. | | | 0.0 | 13.0 | 1.0 |
| 27 12 76 1355 | | | .3 | | 15888 | 4 | 178.00 | 2. | 0. | | | 0.0 | 8.0 | 1.0 |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

36900.00
 4222.92
 178.00

23.0
 7.4
 0.0

NO OF SAMPLES

12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | FEET | | MTRS | | P | REACTIVE | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | MG/L | P MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 01 76 1235 | | | .3 | | 0.016 | 0.002 | 0.010 | 0.360 | 0.006 | 0.124 | | | | |
| 21 02 76 1145 | | | .3 | | 0.009 | 0.001L | 0.020 | 0.410 | 0.004 | 0.181 | | | | |
| 20 03 76 1230 | | | .3 | | 0.013 | 0.003 | 0.046 | 0.350 | 0.004 | 0.251 | | | | |
| 24 04 76 1150 | | | .3 | | 0.036 | 0.003 | 0.032 | 0.500 | 0.006 | 0.026 | | | | |
| 23 05 76 1215 | | | .3 | | 0.014 | 0.003 | 0.010 | 0.390 | 0.004 | 0.011 | | | | |
| 29 06 76 1950 | | | .3 | | 0.016 | 0.004 | 0.016 | 0.380 | 0.003 | 0.005L | | | | |
| 26 07 76 1750 | | | .3 | | 0.024 | 0.007 | 0.018 | 0.440 | 0.002 | 0.005L | | | | |
| 28 08 76 1345 | | | .3 | | 0.010 | 0.007 | 0.012 | 0.420 | 0.002 | 0.005L | | | | |
| 29 09 76 1815 | | | .3 | | 0.011 | 0.003 | 0.010 | 0.520 | 0.002 | 0.005L | | | | |
| 30 10 76 1615 | | | .3 | | 0.029 | 0.001 | 0.002 | 0.530 | 0.002 | 0.005L | | | | |
| 27 11 76 1435 | | | .3 | | 0.010 | 0.003 | 0.008 | 0.410 | 0.003 | 0.005L | | | | |
| 27 12 76 1355 | | | .3 | | 0.030 | 0.002 | 0.012 | 0.520 | 0.004 | 0.006 | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

0.036
 0.018
 0.009

NO OF SAMPLES

12 12 12 12 12 12

| SAMP DTE HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|---------------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | UMHOS | UNITS | | | SI MG/L | | MG/L | | MG/L | MG/L |
| 24 01 76 1235 | | | .3 | | 175 | 1.10 | 0.6 | | | | | | | |
| 21 02 76 1145 | | | .3 | | 185 | 1.30 | 0.7 | | | | | | | |
| 20 03 76 1230 | | | .3 | | 140 | | 41.0 | | | | | | | |
| 24 04 76 1150 | | | .3 | | 90 | 9.50 | 0.5 | | | | | | | |
| 23 05 76 1215 | | | .3 | | 110 | 2.80 | 0.4 | | | | | | | |
| 29 06 76 1950 | | | .3 | | 144 | 2.60 | 0.4 | | | | | | | |
| 26 07 76 1750 | | | .3 | | 160 | 4.00 | 0.7 | | | | | | | |
| 28 08 76 1345 | | | .3 | | 185 | 2.50 | 0.6 | | | | | | | |
| 29 09 76 1815 | | | .3 | | 195 | 2.00 | 1.0 | | | | | | | |
| 30 10 76 1615 | | | .3 | | 215 | 3.40 | 1.0 | | | | | | | |
| 27 11 76 1435 | | | .3 | | 235 | 3.00 | 0.7 | | | | | | | |
| 27 12 76 1355 | | | .3 | | 270 | 9.50 | 0.7 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

270
 175
 90

NO OF SAMPLES

12 11 12

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: AT TIMMINS WATERWORKS PLANT
STATION TYPE: RIVER MUNICIPAL WATER INTAKE

STATION ID: 19-0064-014-20

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 14 LAT LONG U.T.M. 17 0473925.0 5369600.0 4 REGION 05 MILEAGE 269.00

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|---------------------|------------|-----------------|-------------------------------------|-------------------------------------|----------------------------------|---------------------------------|--------------------------------|--------------------------|---------------------------|
| 25 | 01 | 76 | 1255 | | | | .3 | 15716 | 4 | | 0. | 0. | | | 0.0 | 12.0 | 0.4 |
| 22 | 02 | 76 | 1145 | | | | .3 | 15733 | 4 | | 35. | 4. | | | 0.0 | 12.0 | 1.0 |
| 21 | 03 | 76 | 1245 | | | | .3 | 15750 | 4 | | 20. | 0. | | | 0.0 | 13.0 | 0.6 |
| 25 | 04 | 76 | 1115 | | | | .3 | 15767 | 3 | | 80. | 0. | | | 1.0 | 3.0 | 1.0 |
| 24 | 05 | 76 | 1345 | | | | .3 | 15784 | 3 | | 165. | 4. | | | 7.0 | 10.0 | 0.6 |
| 30 | 06 | 76 | 1600 | | | | .3 | 15801 | 8 | | 4000. | 4. | | | 23.0 | 8.0 | 0.4 |
| 27 | 07 | 76 | 1230 | | | | .3 | 15818 | 8 | | 165. | 38. | | | 20.0 | 8.0 | 0.4 |
| 29 | 08 | 76 | 1145 | | | | .3 | 15835 | 8 | | 70. | 24. | | | 14.0 | 7.0 | 0.2 |
| 30 | 09 | 76 | 1250 | | | | .3 | 15852 | 6 | | 20. | 0. | | | 10.0 | 11.0 | 1.0 |
| 31 | 10 | 76 | 1155 | | | | .3 | 15869 | 6 | | 15. | 8. | | | 2.0 | 10.0 | 0.7 |
| 28 | 11 | 76 | 1425 | | | | .3 | 15886 | 4 | | 50. | 6. | | | 0.0 | 10.0 | 0.6 |
| 28 | 12 | 76 | 1125 | | | | .3 | 15903 | 4 | | 18. | 0. | | | 0.0 | 7.0 | 0.6 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

4000.
47.*
0.

38.
3.*
0.

23.0
6.4
0.0

13.0
9.3
3.0

1.0
0.6
0.2

NO OF SAMPLES

12 12 12 12 12

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|--------------------------|--------------------------------------|-----------------------------------|---------------------------------|---------------------------------|---------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------------|
| 25 | 01 | 76 | 1255 | | | | .3 | 0.008 | 0.004 | 0.010 | 0.300 | 0.003 | 0.072 | 219.0 | 1.0 | | 218 |
| 22 | 02 | 76 | 1145 | | | | .3 | 0.012 | 0.002 | 0.006 | 0.410 | 0.004 | 0.186 | 99.0 | 1.4 | | 98 |
| 21 | 03 | 76 | 1245 | | | | .3 | 0.011 | 0.002 | 0.002L | 0.300 | 0.002 | 0.128 | 91.0 | 3.3 | | 88 |
| 25 | 04 | 76 | 1115 | | | | .3 | 0.014 | 0.002 | 0.004 | 0.390 | 0.005 | 0.050 | | 4.2 | | 52 |
| 24 | 05 | 76 | 1345 | | | | .3 | 0.016 | 0.001 | 0.010 | 0.270 | 0.005 | 0.045 | | | | 46 |
| 30 | 06 | 76 | 1600 | | | | .3 | 0.009 | 0.002 | 0.076 | 0.350 | 0.003 | 0.005L | 65.0 | 3.0 | | |
| 27 | 07 | 76 | 1230 | | | | .3 | 0.020 | 0.009 | 0.014 | 0.340 | 0.002 | 0.005L | 70.0 | 7.5 | | |
| 29 | 08 | 76 | 1145 | | | | .3 | 0.012 | 0.003 | 0.002 | 0.240 | 0.001 | 0.005L | 68.0 | 2.7 | | |
| 30 | 09 | 76 | 1250 | | | | .3 | 0.004 | 0.002 | 0.014 | 0.350 | 0.002 | 0.005 | 77.0 | 2.0 | | |
| 31 | 10 | 76 | 1155 | | | | .3 | 0.018 | 0.002 | 0.004 | 0.290 | 0.002 | 0.008 | 89.0 | 17.0 | | |
| 28 | 11 | 76 | 1425 | | | | .3 | 0.007 | 0.001 | 0.010 | 0.260 | 0.002 | 0.018 | 77.0 | 4.6 | | |
| 28 | 12 | 76 | 1125 | | | | .3 | 0.007 | 0.006 | 0.092 | 0.140 | 0.006 | 0.204 | 94.0 | 2.7 | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.020
0.012
0.004

0.009
0.003
0.001

0.092
0.020D
0.002

0.410
0.303
0.140

0.006
0.003
0.001

0.204
0.061D
0.005

219.0
94.9
65.0

17.0
4.5
1.0

218
100
46

NO OF SAMPLES

12 12 12 12 12 12 10 11 5

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------------|----------------------------------|------------------------|------------------------|--|-----------------------|---------------------------------|--------------------|-----------------------------|------------------------------|
| 25 | 01 | 76 | 1255 | | | | .3 | 335 | 1.10 | 1.0 | | | 1.0 | 41 | 7.40 | | 0.150 |
| 22 | 02 | 76 | 1145 | | | | .3 | 150 | 0.90 | 1.8 | | | 2.6 | 59 | 8.10 | | |
| 21 | 03 | 76 | 1245 | | | | .3 | 136 | 2.20 | 10.0 | | | 3.0 | 49 | 8.10 | | 0.300 |
| 25 | 04 | 76 | 1115 | | | | .3 | 80 | 2.60 | 1.4 | | | 5.4 | 26 | 7.40 | | 0.270 |
| 24 | 05 | 76 | 1345 | | | | .3 | 70 | 2.20 | 1.1 | | | 3.2 | 25 | 7.69 | | 0.260 |
| 30 | 06 | 76 | 1600 | | | | .3 | 93 | 1.40 | 1.1 | | | 3.1 | 38 | 7.97 | | 0.120 |
| 27 | 07 | 76 | 1230 | | | | .3 | 94 | 2.90 | 0.8 | | | 16.0 | 40 | 7.96 | | 0.280 |
| 29 | 08 | 76 | 1145 | | | | .3 | 98 | 1.00 | 0.8 | | | 2.8 | 39 | 7.40 | | 0.050 |
| 30 | 09 | 76 | 1250 | | | | .3 | 114 | 1.50 | 0.6 | | | 3.0 | 42 | 7.59 | | 0.170 |
| 31 | 10 | 76 | 1155 | | | | .3 | 108 | 3.00 | 0.8 | | | 1.9 | 39 | 7.67 | | 0.360 |
| 28 | 11 | 76 | 1425 | | | | .3 | 108 | 1.00 | 1.2 | | | 3.9 | 42 | 7.70 | | 0.160 |
| 28 | 12 | 76 | 1125 | | | | .3 | 140 | 1.20 | 2.7 | | | 3.5 | 56 | 7.75 | | 0.170 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

335
127
70

3.00
1.75
0.90

10.0
1.9
0.6

16.0
4.1
1.0

59
41
25

8.10
7.73
7.40

0.20
0.20
0.20

0.360
0.208
0.050

NO OF SAMPLES

12 12 12 12 12 12 12 1 11

| SAMP DY | DTE MO | HOUR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 25 PHENOLS UG/L | 76 CALCUL HARDNESS MG/L | 72 TOTAL CALCIUM MG/L | 74 TOT. MAG NESIUM MG/L | 68 COLOUR HAZEN UNITS | 67 PTSSIUM K MG/L | 66 SODIUM NA MG/L | 47 ORGANIC C AS C MG/L | 41 COD MG/L | 361 SOLVENT EXTRBLES MG/L |
|------------|-----------|------------|------|---------------------|------------|-----------------------|----|-----------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------|------------------------------------|
| 25 | 01 | 76 | 1255 | | | | .3 | | 50.0 | | | 30 | | | | | |
| 22 | 02 | 76 | 1145 | | | | .3 | | 76.0 | | | 40 | | | | | |
| 21 | 03 | 76 | 1245 | | | | .3 | | 60.0 | | | 30 | | | | | |
| 25 | 04 | 76 | 1115 | | | | .3 | | 37.0 | | | 60 | | | | | |
| 24 | 05 | 76 | 1345 | | | | .3 | | 35.0 | | | 50 | | | | | |
| 30 | 06 | 76 | 1600 | | | | .3 | | 44.0 | 13.00 | 2.80 | 40 | | | | | |
| 27 | 07 | 76 | 1230 | | | | .3 | | 46.0 | 13.90 | 2.80 | 40 | | | | | |
| 29 | 08 | 76 | 1145 | | | | .3 | | 38.0 | 11.00 | 2.50 | 30 | | | | | |
| 30 | 09 | 76 | 1250 | | | | .3 | | 48.0 | 14.00 | 3.25 | 30 | | | | | |
| 31 | 10 | 76 | 1155 | | | | .3 | | 42.0 | 12.00 | 3.00 | 40 | | | | | |
| 28 | 11 | 76 | 1425 | | | | .3 | | 51.0 | 14.60 | 3.60 | 30 | | | | | |
| 28 | 12 | 76 | 1125 | | | | .3 | | 69.0 | 20.00 | 4.50 | 50 | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

76.0
49.7
35.0

20.00
14.07
11.00

4.50
3.21
2.50

60
39
30

NO OF SAMPLES

12 7 7 12

B.O.W. / SITE: GROUNDHOG RIVER
 SAMPLE POINT: HIGHWAY 11 BRIDGE IN FAUQUIER
 STATION TYPE: RIVER FLOW GAUGE FED 04LD001

STATION ID: 19-0064-016-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

| STN NO | 16 | LAT | LONG | U.T.M. 17 0424250.0 5462600.0 4 | REGION 05 | MILEAGE 186.50 | | | | | | | | | |
|----------|------|------|------|---------------------------------|-----------|----------------|-----|----------|----------|----------|----------|----------|-------|-------|-------|
| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 934 | 901 | 444 | 80 | 81 | 84 | 88 | 805 | 3 | 1 |
| DY MO YR | LMT | DIST | BRG | DEPTH | | SAMPLE | SCD | FLOW CFS | TOTAL | FECAL | M.F. | PSEUD. | WATER | DISS. | 5-DAY |
| | | FEET | | MTRS | | NO | | | COLIFORM | COLIFORM | ENTER. | MPA | TEMP. | 02 | BOD |
| | | | | | | | | | MF/100ML | MF/100ML | MF/100ML | MF/100ML | DEG C | MG/L | MG/L |
| 24 01 76 | 1620 | | | .3 | | 15706 | 4 | 1400.00 | 5. | 0. | | | 0.0 | 14.0 | 0.6 |
| 21 02 76 | 1630 | | | .3 | | 15723 | 4 | 1390.00 | 1600. | 80. | | | 0.0 | 13.0 | 1.2 |
| 20 03 76 | 1630 | | | .3 | | 15740 | 4 | 2750.00 | 9000. | 46. | | | 0.0 | 11.0 | 1.4 |
| 24 04 76 | 1450 | | | .3 | | 15757 | 3 9 | 42600.00 | 75. | 12. | | | 1.0 | 10.0 | 1.4 |
| 23 05 76 | 1540 | | | .3 | | 15774 | 6 | 14800.00 | 17000. | 370. | | | 6.0 | 10.0 | 0.6 |
| 30 06 76 | 0910 | | | .3 | | 15791 | 6 | 4950.00 | 35. | 0. | | | 19.0 | 7.0 | 0.8 |
| 27 07 76 | 0700 | | | .3 | | 15808 | 9 6 | 2850.00 | 660. | 34. | | | 20.0 | 7.0 | 0.4 |
| 28 08 76 | 1705 | | | .3 | | 15825 | 6 | 920.00 | 3000. | 4. | | | 22.0 | 8.0 | 0.2 |
| 30 09 76 | 0735 | | | .3 | | 15842 | 6 9 | 902.00 | 5. | 0. | | | 7.0 | 11.0 | 1.8 |
| 31 10 76 | 0655 | | | .3 | | 15859 | 6 | 955.00 | 20. | 0. | | | 1.0 | 11.0 | 1.3 |
| 28 11 76 | 0715 | | | .3 | | 15876 | 4 | 800.00 | 600. | 0. | | | 0.0 | 13.0 | 1.8 |
| 27 12 76 | 1625 | | | .3 | | 15893 | 4 | 880.00 | 0. | 0. | | | 0.0 | 3.0 | 0.6 |

| | | | | | | |
|--------------------|----------|--------|------|------|------|-----|
| MAXIMUM | 42600.00 | 17000. | 370. | 22.0 | 14.0 | 1.8 |
| AVG OR GEOM MN (*) | 6266.42 | 164.* | 6.* | 6.3 | 9.8 | 1.0 |
| MINIMUM | 800.00 | 0. | 0. | 0.0 | 3.0 | 0.2 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 33 | 34 | 19 | 20 | 21 | 22 | 5 | 6 | 7 | 107 |
|----------|------|------|-----|-------|----|-------|----------|----------|----------|----------|----------|--------|--------|--------|----------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | TOTAL | FILTERED | FILTERED | TOTAL | FILTERED | FILTERED | TOTAL | SUSP. | DISS. | CALCUL |
| | | FEET | | MTRS | | P | P | AMMONIA | KJELDAHL | NO2-N | NO3-N | SOLIDS | SOLIDS | SOLIDS | D-SOLIDS |
| | | | | | | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L | MG/L |
| 24 01 76 | 1620 | | | .3 | | 0.014 | 0.012 | 0.060 | 0.380 | 0.006 | 0.079 | | | | |
| 21 02 76 | 1630 | | | .3 | | 0.045 | 0.021 | 0.032 | 0.440 | 0.004 | 0.101 | | | | |
| 20 03 76 | 1630 | | | .3 | | 0.070 | 0.002 | 0.024 | 0.480 | 0.005 | 0.245 | | | | |
| 24 04 76 | 1450 | | | .3 | | 0.062 | 0.005 | 0.020 | 0.480 | 0.006 | 0.049 | | | | |
| 23 05 76 | 1540 | | | .3 | | 0.028 | 0.002 | 0.018 | 0.018 | 0.005 | 0.010 | | | | |
| 30 06 76 | 0910 | | | .3 | | 0.078 | 0.020 | 0.034 | 0.640 | 0.009 | 0.011 | | | | |
| 27 07 76 | 0700 | | | .3 | | 0.024 | 0.015 | 0.050 | 0.500 | 0.004 | 0.005L | | | | |
| 28 08 76 | 1705 | | | .3 | | 0.036 | 0.018 | 0.045 | 0.400 | 0.003 | 0.005L | | | | |
| 30 09 76 | 0735 | | | .3 | | 0.040 | 0.009 | 0.028 | 0.720 | 0.004 | 0.005L | | | | |
| 31 10 76 | 0655 | | | .3 | | 0.015 | 0.011 | 0.012 | 0.440 | 0.003 | 0.014 | | | | |
| 28 11 76 | 0715 | | | .3 | | 0.010 | 0.008 | 0.042 | 0.270 | 0.002 | 0.018 | | | | |
| 27 12 76 | 1625 | | | .3 | | 0.110 | 0.088 | 0.204 | 0.330 | 0.002 | 0.005L | | | | |

| | | | | | | |
|--------------------|-------|-------|-------|-------|-------|--------|
| MAXIMUM | 0.110 | 0.088 | 0.204 | 0.720 | 0.009 | 0.245 |
| AVG OR GEOM MN (*) | 0.044 | 0.018 | 0.047 | 0.425 | 0.004 | 0.046D |
| MINIMUM | 0.010 | 0.002 | 0.012 | 0.018 | 0.002 | 0.005 |
| NO OF SAMPLES | 12 | 12 | 12 | 12 | 12 | 12 |

| SAMP DTE | HOUR | STN | STN | SAMP | PJ | 14 | 16 | 56 | 59 | 280 | 95 | 52 | 55 | 61 | 208 |
|----------|------|------|-----|-------|----|-------|----------|----------|----------|----------|---------|---------|--------|-------|-------|
| DY MO YR | LMT | DIST | BRG | DEPTH | | COND. | TURB. | CHLORIDE | SULPHATE | REACTIVE | ACIDITY | TOT ALK | PH | TOTAL | TOTAL |
| | | FEET | | MTRS | | 25C | FORMAZIN | MG/L | MG/L | SILICATE | MG/L | AT LAB | AT LAB | IRON | IRON |
| | | | | | | UMHOS | UNITS | | | SI MG/L | | | | MG/L | MG/L |
| 24 01 76 | 1620 | | | .3 | | 170 | 1.10 | 0.9 | | | | | | | |
| 21 02 76 | 1630 | | | .3 | | 170 | 6.50 | 1.1 | | | | | | | |
| 20 03 76 | 1630 | | | .3 | | 110 | 3.70 | 2.3 | | | | | | | |
| 24 04 76 | 1450 | | | .3 | | 90 | 22.00 | 0.7 | | | | | | | |
| 23 05 76 | 1540 | | | .3 | | 85 | 4.20 | 0.7 | | | | | | | |
| 30 06 76 | 0910 | | | .3 | | 132 | 19.00 | 1.3 | | | | | | | |
| 27 07 76 | 0700 | | | .3 | | 128 | 4.60 | 0.6 | | | | | | | |
| 28 08 76 | 1705 | | | .3 | | 144 | 8.50 | 0.6 | | | | | | | |
| 30 09 76 | 0735 | | | .3 | | 155 | 3.00 | 0.8 | | | | | | | |
| 31 10 76 | 0655 | | | .3 | | 150 | 3.00 | 0.7 | | | | | | | |
| 28 11 76 | 0715 | | | .3 | | 160 | 2.00 | 0.7 | | | | | | | |
| 27 12 76 | 1625 | | | .3 | | 170 | 1.20 | 1.4 | | | | | | | |

| | | | |
|--------------------|-----|-------|-----|
| MAXIMUM | 170 | 22.00 | 2.3 |
| AVG OR GEOM MN (*) | 139 | 6.57 | 1.0 |
| MINIMUM | 85 | 1.10 | 0.6 |
| NO OF SAMPLES | 12 | 12 | 12 |

B.O.W. / SITE: GOUGH CREEK
 SAMPLE POINT: AT LAURENTIAN AVE KAPUSKASING
 STATION TYPE: RIVER

STATION ID: 19-0064-017-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
 MINOR BASIN: JAMES BAY SHORE
 TERM STREAM: MOOSE RIVER

STORET CODE: 04
 001
 0230

| STN NO | 17 | LAT | LONG | U.T.M. 17 0396700.0 5473100.0 4 | | | | | | | | | | REGION 05 | MILEAGE 169.70 | | |
|---------|--------|-------|---------------|---------------------------------|-----------------|----|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|--|
| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. O2 MG/L | 1 5-DAY BOD MG/L | |
| 24 | 01 | 76 | 1450 | | .3 | | 15705 | 9 | | 80000. | 8000. | | | 1.0 | 4.0 | 25.0 | |
| 21 | 02 | 76 | 1445 | | .3 | | 15722 | 9 0 | | 80000. | 80000. | | | 4.0 | 5.0 | 60.0 | |
| 20 | 03 | 76 | 1535 | | .3 | | 15739 | 9 0 | | 80000. | 8000. | | | 4.0 | 7.0 | 80.0 | |
| 24 | 04 | 76 | 1400 | | .3 | | 15756 | 3 9 | | 80000. | 80000. | | | 6.0 | 10.0 | 2.2 | |
| 23 | 05 | 76 | 1435 | | .3 | | 15773 | 9 0 | | 80000. | 8000. | | | 6.0 | 9.0 | 4.6 | |
| 29 | 06 | 76 | 2150 | | .3 | | 15790 | 9 0 | | 80000. | 8000. | | | 21.0 | 3.0 | 8.5 | |
| 26 | 07 | 76 | 1950 | | .3 | | 15807 | 9 0 | | 80000. | 8000. | | | 19.0 | 1.0 | 7.0 | |
| 28 | 08 | 76 | 1610 | | .3 | | 15824 | 9 0 | | 80000. | 8000. | | | 21.0 | 0.0 | 70.0 | |
| 29 | 09 | 76 | 2120 | | .3 | | 15841 | 0 9 | | 80000. | 8000. | | | 8.0 | 3.0 | 31.0 | |
| 30 | 10 | 76 | 1820 | | .3 | | 15858 | 0 | | 80000. | 80000. | | | 6.0 | 5.0 | 30.0 | |
| 27 | 11 | 76 | 1630 | | .3 | | 15875 | 0 9 | | 80000. | 8000. | | | 2.0 | 3.0 | 80.0 | |
| 27 | 12 | 76 | 1545 | | .3 | | 15892 | 4 | | 8800. | 6400. | | | 0.0 | 1.0 | 36.0 | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

80000.
 66575.*
 8800.

21.0
 8.2
 0.0

10.0
 4.3
 0.0

80.0
 36.2
 2.2

NO OF SAMPLES

12 12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 24 | 01 | 76 | 1450 | | .3 | | 3.550 | 3.400 | 16.000 | 20.700 | 0.005 | 0.005L | | | | |
| 21 | 02 | 76 | 1445 | | .3 | | 3.630 | 2.300 | 9.850 | 15.700 | 0.007 | 0.005L | | | | |
| 20 | 03 | 76 | 1535 | | .3 | | 2.900 | 0.550 | 2.200 | 10.500 | 0.025 | 0.005L | | | | |
| 24 | 04 | 76 | 1400 | | .3 | | 0.206 | 0.018 | 0.030 | 1.240 | 0.012 | 0.093 | | | | |
| 23 | 05 | 76 | 1435 | | .3 | | 0.330 | 0.210 | 1.320 | 2.740 | 0.011 | 0.009 | | | | |
| 29 | 06 | 76 | 2150 | | .3 | | 1.980 | 1.980 | 9.200 | 9.250 | 0.004 | 0.005L | | | | |
| 26 | 07 | 76 | 1950 | | .3 | | 2.800 | 0.620 | 2.780 | 4.800 | 0.011 | 0.014 | | | | |
| 28 | 08 | 76 | 1610 | | .3 | | 4.880 | 3.400 | 14.900 | 22.000 | 0.009 | 0.031 | | | | |
| 29 | 09 | 76 | 2120 | | .3 | | 3.220 | 1.630 | 5.600 | 8.300 | 0.004 | 0.006 | | | | |
| 30 | 10 | 76 | 1820 | | .3 | | 1.880 | 0.900 | 4.900 | 9.450 | 0.011 | 0.005L | | | | |
| 27 | 11 | 76 | 1630 | | .3 | | 6.450 | 3.300 | 12.000 | 21.500 | 0.007 | 0.013 | | | | |
| 27 | 12 | 76 | 1545 | | .3 | | 3.970 | 2.600 | 11.400 | 18.700 | 0.001 | 0.005L | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

6.450
 2.983
 0.206

3.400
 1.742
 0.018

16.000
 7.515
 0.030

22.000
 12.073
 1.240

0.025
 0.009
 0.001

0.093
 0.0160
 0.005

NO OF SAMPLES

12

12

12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 24 | 01 | 76 | 1450 | | .3 | | 920 | 29.00 | 77.0 | | | | | | | |
| 21 | 02 | 76 | 1445 | | .3 | | 850 | 34.00 | 34.0 | | | | | | | |
| 20 | 03 | 76 | 1535 | | .3 | | 900 | 120.00 | 7.1 | | | | | | | |
| 24 | 04 | 76 | 1400 | | .3 | | 160 | 29.00 | 4.9 | | | | | | | |
| 23 | 05 | 76 | 1435 | | .3 | | 280 | 14.00 | 16.0 | | | | | | | |
| 29 | 06 | 76 | 2150 | | .3 | | 1040 | 14.00 | 120.0 | | | | | | | |
| 26 | 07 | 76 | 1950 | | .3 | | 670 | 39.00 | 53.0 | | | | | | | |
| 28 | 08 | 76 | 1610 | | .3 | | 1210 | 13.00 | 115.0 | | | | | | | |
| 29 | 09 | 76 | 2120 | | .3 | | 660 | 28.00 | 47.0 | | | | | | | |
| 30 | 10 | 76 | 1820 | | .3 | | 680 | 42.00 | 52.0 | | | | | | | |
| 27 | 11 | 76 | 1630 | | .3 | | 960 | 32.00 | 100.0 | | | | | | | |
| 27 | 12 | 76 | 1545 | | .3 | | 1040 | 36.00 | 125.0 | | | | | | | |

MAXIMUM
 AVG OR GEOM MN (*)
 MINIMUM

1210
 781
 160

120.00
 35.83
 13.00

125.0
 62.6
 4.9

NO OF SAMPLES

12

12

12

B.O.W./ SITE: FIVE MILE CREEK
SAMPLE POINT: AT MOUTH IN TOWN OF MATTICE
STATION TYPE: RIVER

STATION ID: 19-0064-018-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

| STN NO | | 18 | LAT | | LONG | | U.T.M. 17 0336950.0 5437750.0 4 | | | | REGION 05 | | MILEAGE 201.40 | | | | |
|---------|--------|-------|------|---------------|---------|-----------------|---------------------------------|---------------|---------|--------------|----------------------------|----------------------------|-------------------------|------------------------|-----------------------|-----------------|------------------|
| SAMP DY | DTE MO | HR YR | LMT | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 934 SAMPLE NO | 901 SCD | 444 FLOW CFS | 80 TOTAL COLIFORM MF/100ML | 81 FECAL COLIFORM MF/100ML | 84 M.F. ENTER. MF/100ML | 88 PSEUD. MPA MF/100ML | 805 WATER TEMP. DEG C | 3 DISS. 02 MG/L | 1 5-DAY BOD MG/L |
| 24 | 01 | 76 | 1300 | | | .3 | | 15702 | 4 | | 53000. | 8000. | | | 0.0 | 6.0 | 16.0 |
| 21 | 02 | 76 | 1235 | | | .3 | | 15719 | 4 0 | | 54000. | 4000. | | | 0.0 | 8.0 | 6.5 |
| 20 | 03 | 76 | 1315 | | | .3 | | 15736 | 4 0 | | 32000. | 150. | | | 0.0 | 13.0 | 2.4 |
| 24 | 04 | 76 | 1215 | | | .3 | | 15753 | 3 | | 7000. | 50. | | | 3.0 | 10.0 | 1.6 |
| 23 | 05 | 76 | 1245 | | | .3 | | 15770 | 0 | | 25000. | 710. | | | 6.0 | 10.0 | 0.8 |
| 29 | 06 | 76 | 2005 | | | .3 | | 15787 | 0 5 | | 100. | 100. | | | 21.0 | 7.0 | 1.8 |
| 26 | 07 | 76 | 1810 | | | .3 | | 15804 | 7 | | 33000. | 3100. | | | 20.0 | 8.0 | 1.0 |
| 28 | 08 | 76 | 1410 | | | .3 | | 15821 | 9 0 7 | | 35000. | 5500. | | | 20.0 | 8.0 | 3.2 |
| 29 | 09 | 76 | 1840 | | | .3 | | 15838 | 0 5 9 | | 15000. | 3500. | | | 10.0 | 9.0 | 3.8 |
| 30 | 10 | 76 | 1645 | | | .3 | | 15855 | 0 | | 80000. | 80000. | | | 2.0 | 8.0 | 2.7 |
| 27 | 11 | 76 | 1500 | | | .3 | | 15872 | 4 | | 80000. | 6500. | | | 0.0 | 10.0 | 2.0 |
| 27 | 12 | 76 | 1315 | | | .3 | | 15889 | 4 | | 9000. | 6600. | | | 0.0 | 2.0 | 7.0 |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

80000.
18493.*
100.

80000.
1974.*
50.

21.0
6.8
0.0

13.0
8.3
2.0

16.0
4.1
0.8

NO OF SAMPLES

12 12

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 33 TOTAL P MG/L | 34 FILTERED REACTIVE P MG/L | 19 FILTERED AMMONIA MG/L | 20 TOTAL KJELDAHL MG/L | 21 FILTERED NO2-N MG/L | 22 FILTERED NO3-N MG/L | 5 TOTAL SOLIDS MG/L | 6 SUSP. SOLIDS MG/L | 7 DISS. SOLIDS MG/L | 107 CALCUL D-SOLIDS MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|-----------------|-----------------------------|--------------------------|------------------------|------------------------|------------------------|---------------------|---------------------|---------------------|--------------------------|
| 24 | 01 | 76 | 1300 | | .3 | | 0.635 | 0.420 | 2.550 | 4.650 | 0.230 | 0.205 | | | | |
| 21 | 02 | 76 | 1235 | | .3 | | 0.051 | 0.320 | 2.060 | 3.600 | 0.028 | 0.032 | | | | |
| 20 | 03 | 76 | 1315 | | .3 | | 0.164 | 0.016 | 0.370 | 1.480 | 0.013 | 0.412 | | | | |
| 24 | 04 | 76 | 1215 | | .3 | | 0.066 | 0.017 | 0.076 | 0.720 | 0.012 | 0.018 | | | | |
| 23 | 05 | 76 | 1245 | | .3 | | 0.050 | 0.008 | 0.030 | 1.000 | 0.013 | 0.012 | | | | |
| 29 | 06 | 76 | 2005 | | .3 | | 0.126 | 0.045 | | 1.120 | 0.008 | 0.107 | | | | |
| 26 | 07 | 76 | 1810 | | .3 | | 0.085 | 0.036 | | 0.950 | 0.055 | 0.135 | | | | |
| 28 | 08 | 76 | 1410 | | .3 | | 0.145 | 0.090 | 0.014 | 1.300 | 0.026 | 0.259 | | | | |
| 29 | 09 | 76 | 1840 | | .3 | | 0.258 | 0.180 | 0.800 | 2.400 | 0.040 | 0.150 | | | | |
| 30 | 10 | 76 | 1645 | | .3 | | 0.150 | 0.090 | 0.400 | 1.520 | 0.009 | 0.011 | | | | |
| 27 | 11 | 76 | 1500 | | .3 | | 0.180 | 0.120 | 0.600 | 1.820 | 0.013 | 0.022 | | | | |
| 27 | 12 | 76 | 1315 | | .3 | | 0.198 | 0.013 | 0.106 | 1.260 | 0.002 | 0.008 | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

0.635
0.176
0.050

0.420
0.113
0.008

2.550
0.701
0.014

4.650
1.818
0.720

0.230
0.037
0.002

0.412
0.114
0.008

NO OF SAMPLES

12

12

10

12

12

12

| SAMP DY | DTE MO | HR YR | STN DIST FEET | STN BRG | SAMP DEPTH MTRS | PJ | 14 COND. 25C UMHOS | 16 TURB. FORMAZIN UNITS | 56 CHLORIDE MG/L | 59 SULPHATE MG/L | 280 REACTIVE SILICATE SI MG/L | 95 ACIDITY MG/L | 52 TOT ALK AT LAB MG/L | 55 PH AT LAB | 61 TOTAL IRON MG/L | 208 TOTAL IRON MG/L |
|---------|--------|-------|---------------|---------|-----------------|----|--------------------|-------------------------|------------------|------------------|-------------------------------|-----------------|------------------------|--------------|--------------------|---------------------|
| 24 | 01 | 76 | 1300 | | .3 | | 265 | 5.60 | 7.2 | | | | | | | |
| 21 | 02 | 76 | 1235 | | .3 | | 265 | 7.60 | 5.3 | | | | | | | |
| 20 | 03 | 76 | 1315 | | .3 | | 43 | 22.00 | 21.5 | | | | | | | |
| 24 | 04 | 76 | 1215 | | .3 | | 80 | 16.00 | 1.4 | | | | | | | |
| 23 | 05 | 76 | 1245 | | .3 | | 80 | 8.30 | 1.1 | | | | | | | |
| 29 | 06 | 76 | 2005 | | .3 | | 136 | 3.80 | 1.1 | | | | | | | |
| 26 | 07 | 76 | 1810 | | .3 | | 167 | 4.70 | 1.8 | | | | | | | |
| 28 | 08 | 76 | 1410 | | .3 | | 144 | 2.20 | 1.7 | | | | | | | |
| 29 | 09 | 76 | 1840 | | .3 | | 205 | 2.00 | 3.3 | | | | | | | |
| 30 | 10 | 76 | 1645 | | .3 | | 160 | 3.50 | 1.7 | | | | | | | |
| 27 | 11 | 76 | 1500 | | .3 | | 170 | 6.20 | 2.3 | | | | | | | |
| 27 | 12 | 76 | 1315 | | .3 | | 210 | 5.60 | 2.7 | | | | | | | |

MAXIMUM
AVG OR GEOM MN (*)
MINIMUM

265
160
43

22.00
7.29
2.00

21.5
4.3
1.1

NO OF SAMPLES

12

12

12

LEGISLATIVE LIBRARY OF ONTARIO



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